

ANNUAL REPORT

CHARLES UNIVERSITY IN PRAGUE
FIRST FACULTY OF MEDICINE

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CONTENTS

REPORT ON THE ACTIVITIES

DEAN OF THE FACULTY	6
ACADEMIC SENATE	14
DIRECTOR OF THE GENERAL TEACHING HOSPITAL	18
MANAGEMENT	22
ORGANIZATIONAL CHANGES	26
EDUCATION	34
EVALUATION OF TUITION BY THE STUDENTS	56
POSTGRADUATE STUDIES	58
SCIENCE AND RESEARCH	70
THE INSTITUTE OF SCIENTIFIC INFORMATION	90
INTERNATIONAL RELATIONS	100
OUTWARD RELATIONS	106
JOURNALS AT THE FIRST FACULTY OF MEDICINE	109

MANAGING REPORT

AUDITOR'S REPORT	114
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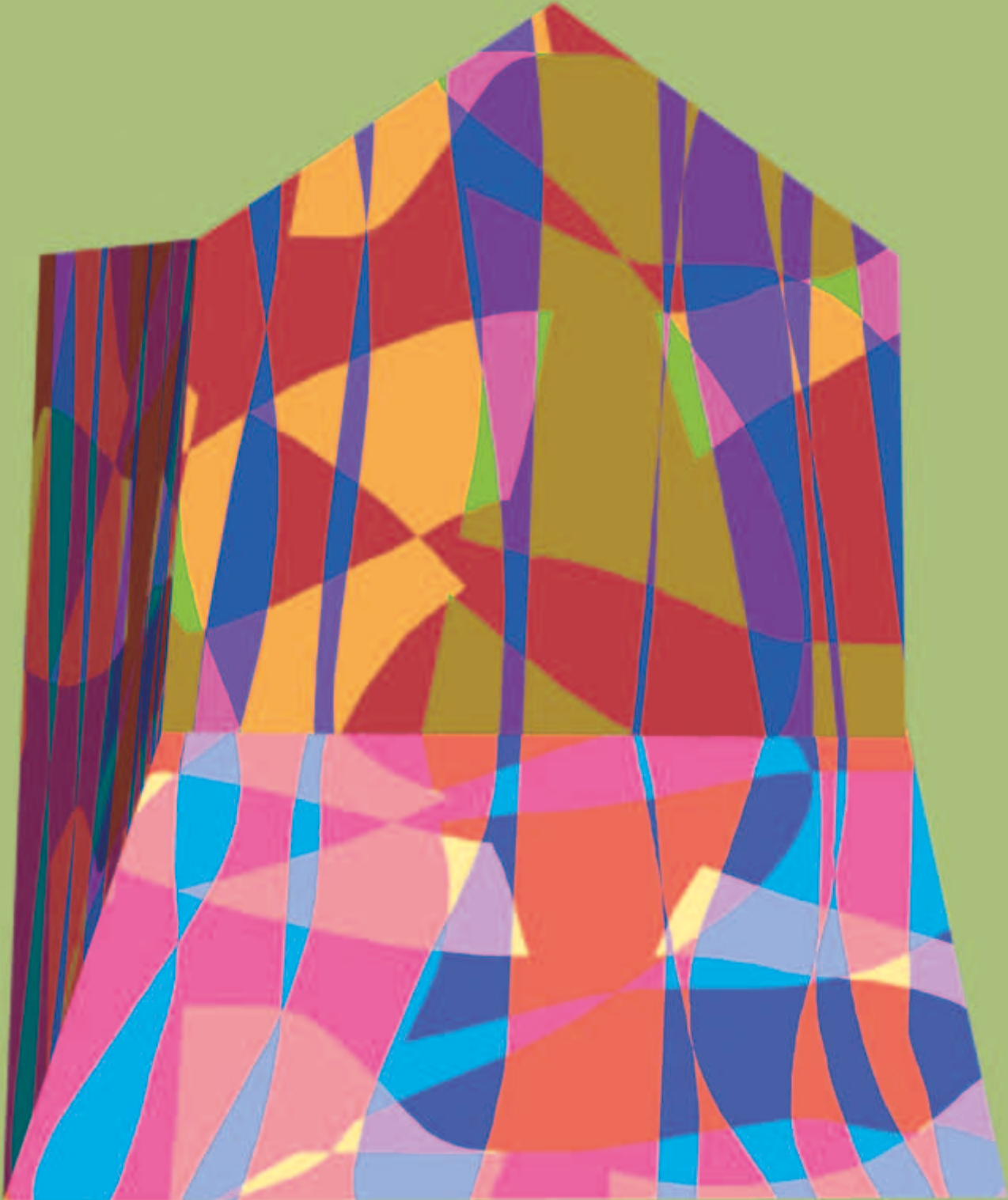
ATTACHMENTS

STUDENTS' ACTIVITIES	123
UNION OF CZECH MEDICAL STUDENTS	124
IFMSA	127
FIRST AID FOR PUBLIC	128
LIST OF UNITS, BY 31 ST DECEMBER 2011	130
THE MAP	136

REPORT ON THE ACTIVITIES 2011



DEAN OF THE FACULTY



Dear colleagues, dear members of the academic community and the staff of the First Faculty of Medicine, here is the Annual Report of activities and economy of the First Faculty of Medicine of Charles University in Prague for the year 2011.

As every year, the Annual Report is a survey of the year's balance. When looking back at the year 2001, we can recall several events which will leave a mark in the Faculty's history.

For education and health care, key legal regulations were discussed – the Act on Higher Education and the Act on Health Service, respectively. The first draft bill for the Act on Higher Education, originated during the spring of 2011, was a really revolutionary document. The school, if I may put it like this, should have been converted into a factory, and a student should have been finished in one or two years. After negotiations during the autumn of 2011, another draft was created under direction of the deputy minister Professor Ivan Wilhelm, the former rector of Charles University, which was more acceptable for the academic community. Then “politicians” took the floor, and this resulted in a document refused by all the academic community. The central theme of the proposed changes is the idea of maximum government influence on the operation of schools of higher education, which is in contradiction to the principles of autonomy and academic lib-

erty not only in this country but in whole civilized world. And – paradoxically – such a logical principle as the clear contract between the government and the school concerning the funding according to the number and composition of students was rejected by the ministry. The bill for the Act on Financial Assistance for Students was compiled hastily and immediately sent for external evaluating procedure without being discussed with anyone. The academic community of Charles University mobilized to be ready to advocate and defend the ideas and principles of free research, education and academic disputation, which returned to our schools as one of the results of the 1989 November Revolution.

In the spring, there was discussion concerning in particular the number of the academic and scientific staff members in the new system of funding. At Charles University in Prague, the new form of funding the institutional research was intensively discussed as well, to allot finance to particular faculties according to points derived from RIV and Methodology of Evaluation.

Based on proposals from the faculties, new programmes/projects will be made within Charles University to promote the University's role as the major Czech institution of science and research. At the Faculty, several projects were prepared to be submitted to Charles University, which are all based on our previous successful research concepts implemented in the past few years.



*prof. MUDr. Tomáš Zima, DrSc., MBA
Dean of Charles University in Prague, First Faculty of Medicine*

At the turn of 2012, the projects/programmes were discussed that the Faculty eventually submitted to the University in the first month of 2012, following the discussion within the Faculty's statutory bodies. A good point of departure for funding of the scientific work at the Faculty is provided by the results achieved by the Faculty's staff in the past years, which rank the Faculty – according to unofficial data on evaluation of research in the Czech Republic by the Government Board for Research and Innovation – among the top ten institutions in the Czech Republic.

In 2011 there were also some crucial changes in postgraduate specialist education of doctors and dentists, as the best part of the training was transferred from the Institute of Further Education in Health to medical schools in the Czech Republic. This Institute, as an organization directed immediately by the Ministry of Health, has been providing for specialist training of doctors, dentists and other health care professionals for nearly sixty years. Through the Agreement between the Ministry of Health of the Czech Republic, Charles University in Prague, Masaryk University in Brno and Palacký University in Olomouc of 27th September 2011 the seven medical faculties of the said universities became authorized by the Ministry to provide specialist education for doctors and dentists. Pursuant to the said agreement, medical faculties with their qualified specialists and their organization units will provide selected activities and administrative support for postgraduate specialist training of doctors in 39 basic fields of medicine and dentists in 3 specialties. Core postgraduate training of general practitioners and paediatric practitioners as well as that in follow-up medical specialties will remain within the Institute of Further Education in Health, and so will the specialist education for pharmacists and selected non-medical professions.

The centre of attention in 2011 was the negotiation and agreement on how the co-operation between medical faculties and teaching hospitals should work. The first model agreement between medical faculties and teaching hospitals arose following a number of negotiations and the consensus achieved between the representatives of the Ministry of Health of the Czech Republic, Association of Medical Faculties and Association of Teaching Hospitals. This agreement includes the issues of co-operation in education, science, research, health care, industrial relations concerning the employees, and funding the education with the aim of accomplishing the mission of both medical faculties and teaching hospitals. It is a guide in managing the relations concerning organization of education, grants, premises and management of clinical institutions. The model agreement only serves as guidelines, and for hospitals and faculties it is not binding. Further the model agreement will be followed by the Act of University Hospitals, which has been intensively discussed in preparation throughout the year. In late August, official talks with rectors of universities and deans of medical faculties about the project of the Act of University Hospitals were started. First preparations for the bill of the Act were done with the consideration that university hospitals will be non-profit-making entities of a special kind. The basis for their existence and function will be an agreement between the university hospital, medical faculty and university.

Also in 2010, reconstruction work at the Faculty's premises was carried on. In a special ceremony, the renovated lecture hall of the Institute of Pharmacology in the Purkinje Building was reopened. Now the Purkinje Building can boast with a lecture hall which not only looks beautiful but also is equipped up to date. The interior of the lecture hall has been re-designed and installed, including the furniture and audio-visual technology. The total costs of the renovation amounted up to 21,500,000 Czech Crowns. Another event was the opening of new rooms for practical training at the Institute of Biophysics and Informatics. Equipping the classrooms with new computer technology will

contribute to the development of education in the form of e-learning. Through renovation and upgrading the current capacity of the premises has further increased and their quality improved to meet the requirements of the beginning of 21st century.

An important event for the Faculty was the edition of the first comprehensive publication on its history and present, called *1. lékařská fakulta v běhu času* [History and present of the First Faculty of Medicine of Charles University in Prague]. This publication provides the insight into the history and present activity of one of the four oldest faculties of Charles University in Prague. The history of the Faculty is rich and envelops all the important events of Czech history – Hussite wars, the period following the Battle of White Mountain, the overtaking of the University by the Jesuit Order, the establishment of what was called Charles-Ferdinand University, the division into the Czech and German faculties, its closing by Nazi occupants on 17th November 1939, its re-opening in 1945, the difficult 1950s, the crucial years 1968–1969 and the Velvet Revolution in 1989. The present of the First Faculty of Medicine of Charles University is characterized by the modern approach to education of a new generation of doctors and other health professionals as well as research and scientific activities at the top level of quality, as the Faculty is an important centre of medical and biomedical research in the Czech Republic.

The first priority in 2011 was to further promote the prestige of the Faculty through scientific and educational work. In the sphere of education, the main focus was on preparation of the new curriculum for General Medicine, which resulted in prolongation of the accreditation of the respective study programmes, taught in Czech and English, by the Accreditation Board of the Ministry of Education, Youth and Sports of the Czech Republic in November 2011, which will be valid until 2021.

Discussion of possible changes and updating of curriculum was open during the preparation for prolongation of the accreditation of the study programme Specialization in Health Care for the branches of occupational therapy, physiotherapy and nutritional therapy. Elective subjects, which are updated every year to interconnect theoretical and clinical medicine to the core subjects, met keen interest from students.

The admission procedure for the academic year 2011–2012 had to be organized in a rather non-standard way, as a strike, announced a few days before, hamstrung the public transport in Prague and in the whole country too. Therefore many applicants for studies at the First Faculty of Medicine would have been disadvantaged by the impossibility to arrive for the entrance examinations in time. Then we decided to take a student-friendly measure, organizing the examinations twice – not only on the day of the strike, which was Thursday, but also on the following Saturday two days later – to provide an extra term. For the two terms, more than 3,000 applicants from Bohemia, Moravia and Slovakia turned up, and the results for both terms were announced as early as on the Saturday evening just after 9 p.m. Once again I would like to thank all the teachers and other staff of the Faculty and Hospital who helped to solve the difficult situation successfully.

It goes without saying now that our academic community, above all students and teachers, take the advantage of exploiting the modern resources of study information, in particular the electronic study aids and applications available at the Faculty's educational portal, in the MEFANET learning web, and in the progressive interdisciplinary on-line textbook Wikilectures (Wikiskripta). These saw some more adjustment of the software and technical details in 2011. Wikilectures help to mobilize the students, setting them closer to the teachers, educating them in their field and train them in communicative skills, which they will need in future. They promote a positive image of the Faculty and motivate the

students-to-be as well. The number of articles published in Wikilectures has more than doubled in the past year. Every month, about 180 users participate in creation of the articles. They are supported by the editorial team composed of medical students, which at the time comprises mainly students of the First Faculty of Medicine but also some of the Second and Third faculties in Prague as well as some of the medical faculties of Charles University located in Plzeň and Hradec Králové. In mid-2011, the English version of Wikilectures was set in full operation and now it has already found favour in students of the programme taught in English. The Faculty opened up the Competition for the best electronic educational material of 2011. It acted as the co-ordinator of the centralized project Development of inter-faculty electronic support for education in medical and health-care fields, in which the Second and Third faculties participate as well. This project is mutually complementing with those of the Charles University medical faculties located outside Prague, and in particular it promotes the development of Wikilectures, MefanetMoodle and the system for clinical teaching.

In 2011 the Faculty again offered the students with a scope of study visits and placements abroad under the LLP/ERASMUS programme, Mobility Fund of Charles University, Ceepus, inter-university exchange, individual study visits at the First Faculty of Medicine, placements organized by IFMSA, placements organized in co-operation with the Lions Club Wien in Austria, etc. The exchange programmes as well as once-only events in 2011 were implemented on the basis of co-operation of the University, the First Faculty of Medicine and in international collaboration of particular institutes and clinical departments. The Faculty co-operates with 86 university-level schools and scientific institutions from 23 countries of four continents. Altogether, 239 students of the First Faculty of Medicine travelled abroad under the said programmes (135 under Erasmus, and 104 under the other programmes). In 2011, 75 foreign students arrived at the Faculty thanks to IFMSA and the Visegrad Fund. The good news is that the results of evaluation of tuition by the students are getting better from year to year and that many Faculty's units reflect the knowledge of the students' opinion in the practice of the departments and institutes. In the past year, our employees and students have contributed to learning about the nature of disease and human knowledge by adding a few tiny stones to the mosaic and exploring the unknown space.

I am glad to say that students' scientific conferences proved to be a useful occasion for the prospective teachers and scientists to try their first presentations for professional public. I am convinced that this experience is invaluable for their future careers. In 2012 the Student Scientific Conference at the First Faculty of Medicine was held for the 12th time already. At the conference, as many as 70 students gave their presentations, and a book of proceedings was published. Twenty-four best papers were awarded prizes, of which eight papers were found worthy of special prizes. The conference was generously sponsored by Medical Tribune, Galén publishers, General Teaching Hospital Fund, *Zdravotnické noviny* weekly, the web portal TopLékař and Grada Publishing.

Our Faculty also took part in the National Student Scientific Conference of students in bachelor and master degree programmes implemented at medical and health science faculties in the Czech Republic and Slovak Republic, which took place in Olomouc. In Hradec Králové, the 8th annual international conference of students in doctoral study programmes was organized, where the second best award was won by Dr. Michal Tomčík, a postgraduate student of the First Faculty of Medicine, with the paper "The role of S100A4 protein in the pathogenesis of systemic sclerosis".

In 2011 the Faculty participated in 209 grant projects as the principal research institution. This number included 56 projects

at the Grant Agency of Charles University, 39 projects at the Grant Agency of the Czech Republic, 48 projects at the Internal Grant Agency of the Ministry of Health, 14 projects of Specific College Research, 10 research concepts, 3 projects within the National Research Programme II, 6 within the 6th and 7th Framework Programme of the European Union, and 33 other projects (other foreign grants, Academy of Sciences of the Czech Republic, research centres, Ministry of Industry and Commerce, Technological Agency of the Czech Republic, Kontakt, Cost, promotion of mobility). Further, the Faculty participated in five projects at the Fund of Development of Schools of Higher Education, and also two projects within the Competitiveness operational programme of the City of Prague Authority and three projects within their Adaptability operational programme, another 6 in the operational programme Education for Competitiveness by the Ministry of Education, Youth and Sports, 1 in the operational programme Human Resources and Employment by the Ministry of Labour and Social Affairs, and 1 in the operational programme of the Ministry of Interior. The Faculty also worked at 13 development projects amounting to the total of 39.5 million Czech Crowns.

In 2011, the following research concepts were successfully completed:

- (1) Prof. Milan Elleder – Molecular biology and pathology of the cell in normal state and in selected clinically important pathologic processes;
- (2) Prof. Jan Škrha – Metabolic, endocrine and genetic aspects of prevention, diagnosis and therapy of cardiovascular, cerebrovascular and renovascular conditions;
- (3) Prof. Pavel Klener – Molecular biological, genetic and epigenetic aspects of origination and development of model tumors of the adult age: Importance for epidemiology, early diagnosis and treatment.

One research concept still in progress in 2012 is:

- (1) Prof. Evžen Růžička – Neuropsychiatric aspects of neurodegenerative conditions.

Further, the following Faculty staff members participated in other research concepts that were successfully completed in 2011:

- (1) Assoc. Prof. Aleš Žák – Use of experimental and clinical models of metabolic processes, nutrition and pharmacology for development of knowledge, clinical practice and improvement of the quality of life;
- (2) Prof. Michael Aschermann – Invasive approaches to save or regenerate the myocardium;
- (3) Prof. Martin Haluzík – Prevention, diagnosis and therapy of diabetes mellitus, metabolic and endocrine impairments of the organism;
- (4) Assoc. Prof. Dana Marešová – Pathophysiology of neuromental diseases and its clinical applications;
- (5) Dr. Zuzana Zemanová – Molecular bases of children's neoplastic conditions and therapeutic applications;
- (6) Assoc. Prof. Ivan Šterzl – Chronic diseases due to inappropriate reactivity of the immunity system, their pathogenesis, and possibilities of early diagnosis and treatment.

Also in 2011, the project within the 7th Framework Programme of the European Union EECALINK (Promotion and facilitation of international cooperation with Eastern European and Central Asian countries), in which the Faculty acted as the co-ordinator, was completed successfully.

Altogether, 638 authors from the Faculty published more than 534 original papers and surveys in journals possessing an Impact Factor in 2010 (of which one was an original paper published in *New England Journal of Medicine* with the IF of 53.484 and another six original papers in journals with IF higher than 30. In 2010 these authors published the total of 496 original papers and surveys in journals with IF (compared to 452 in 2009). A detailed analysis of composition of the publications is given in the chapter

Bibliography. A proof of their increasing quality is the fact that in 2010 as many as 852 authors from the First Faculty of Medicine had 18,389 citations in the Web of ScienceSM data base.

In 2011 the Scientific Board of the First Faculty of Medicine performed 12 procedures for appointment to professor posts and 7 habilitation procedures for associate professor posts. The Faculty possesses accreditations for habilitation procedures in 37 fields and for procedures for appointment to professor posts in 34 fields. Now the Faculty possesses accreditations for 20 doctoral programmes, and 76 postgraduate students successfully completed their doctoral studies in 2011. The Accreditation Board of the Ministry of Education, Youth and Sports performed evaluation of the doctoral study programmes implemented at the First Faculty of Medicine in 2011. In conclusion it agreed with prolongation for another eight years in current doctoral programmes, and for four years in the doctoral study programmes of Imaging techniques in medicine, Bioethics and History of medicine.

At the recommendation by the Scientific Board of the First Faculty of Medicine, a honorary doctorate in medical sciences was awarded to Prof. Patrick Anthony Riley, M.B., B.S., Ph.D., D.Sc., F.R.C.Path., C.Biol., F.S.Biol., for his lifelong work in the sphere of chemical, biochemical and biological research into pigment cells, melanosomes and melanogenesis, as well as for his support of Czech science and university education in the Karolinum on 2nd June 2011.

On 31st May 2011, the Scientific Board of Charles University approved on the proposal by Scientific Board of the First Faculty of Medicine to award Prof. Dr. rer. nat. Hans-Joachim Gabius, professor of biochemistry and chemistry, the Head of the Chair of Physiological Chemistry at the Department of Veterinary Sciences of Ludwig-Maximilians-Universität in Munich, Germany, a honorary doctorate in medical sciences for his lifelong work in the field of glycobiology and for his support of Czech science and university education. On 21st June 2011 it approved on the Faculty's proposal to award a honorary doctorate in medical sciences to Prof. Christoph Wanner, M.D., the Head of the Department of Nephrology and scientific director of the Department of Clinical Studies at the University Hospital in Würzburg, Germany, for his lifelong work in internal medicine, in particular in prevention and treatment of renal conditions, and for his support of Czech science and university education.

I would like to pinpoint some more factors that considerably influenced the life of our Faculty in the past year. The Faculty managements received a donation from Mrs Josefina Napravilová, who in the past helped war-stricken children find their homes and parents again, and who decided to donate the sum of 700,000 Czech crowns to the First Faculty of Medicine of Charles University. This money is destined for the best students in the first and sixth year of the Faculty. An extraordinary award of CZK 20,000 was given to the best first year student at the Faculty, Mr. Vojtěch Dolejský. The CZK 30,000 award was received by the best graduate from the sixth year of studies, Dr. Michal Fikrle.

I am glad to include a notice of success achieved in 2011 by our physicians, too.

The Rector of Charles University in Prague honoured Prof. Miloš Grim and Assoc. Prof. Petr Hach with the Gold Memorial Medals of Charles University, and Prof. Terezie Fučíková and Prof. Jiří Raboch with the Silver Memorial Medals.

The First Faculty of Medicine became a member of the Association for Life-long Education of the Czech Medical Chamber.

The Head of the Institute of Cell Biology and Pathology Prof. Ivan Raška was elected member of the European Molecular Biology Organization (EMBO).

The 2010 prizes of the Czech Medical Society of J. E. Purkinje for the best publication of the year were won by *Interna* [Internal Medicine] by Prof. Richard Češka et al., and by Prof. Pavel Klener

and Dr. Pavel Klener jr. for the publication *Nová protinádorová léčiva a léčebné strategie v onkologii* [New anti-tumour medications and treatment strategies in oncology]. The ceremony took place in the Knight's Hall of the Wallenstein Palace under the auspices of Mr. Milan Štěch, the President of the Senate of the Czech Republic.

The 2011 prize of the Minister of Health of the Czech Republic to acknowledge extraordinary contributions to health research and development in projects supported by the Internal Grant Agency of the Ministry of Health was awarded to the research team lead by Prof. Evžen Růžička for the project *Exploitation of deep brain stimulation in treatment of Parkinson's disease and other extrapyramidal disorders of movement*.

The 2011 prize of the Minister of Education, Youth and Sports for outstanding students was won by Dr. Daniela Burská Fornůsková. The main award of the Anti-cancer League for a significant paper in the field of oncology was awarded to Dr. Lukáš Lacina in Karolinum. The prize of the Siemens company was presented to Mr. Jan Zeman for his diploma thesis *Biological impact of shockwaves generated by a multichannel discharge* in the Bethlehem Chapel in presence of the general director of Siemens ČR, vice-rector of the Czech Technical University and deputy minister of industry and commerce of the Czech Republic.

During the year, more negotiations and preparations were taken concerning the campus at Albertov. On 31st August 2011 the construction of the new Albertov Campus was approved by the Government Resolution No. 653 as a document of the Programme 133210 of the Ministry of Education, Youth and Sports. All following steps will be taken under the investment programme in close co-operation between Charles University with the involved faculties, i.e. the Faculty of Natural Science, the First Faculty of Medicine and the Faculty of Mathematics and Physics, and the authorities of the Ministry of Education, Youth and Sports.

Together with the organizations of the Academy of Sciences of the Czech Republic, the Faculty participated in the BIOCEV project. The main goal of the programme is to concentrate the compatible teams of prominent experts, so far dispersed to a number of institutions of the Academy of Sciences and Charles University, complement them with recruited young talented scientists and foreign experts, thereby creating a technological and biomedical centre in Vestec (BIOCEV) with the ambition of becoming a European centre of excellence. An important factor necessary for completion of this mission is inclusion of the BIOCEV centre in the network of European partnership Euro-Biolmaging and INFRAFRONTIER within ESFRI (European Strategic Forum for Research Infrastructures) and collaboration with renowned European partners. After a long preparation, the project of the BIOCEV Centre of Excellence received the consent from the European Commission in autumn 2011, and in early 2012 it should receive permission from the Ministry of Education, Youth and Sports.

In 2011 the Faculty was issuing the bimonthly *Folia Biologica* and the quarterly *Prague Medical Report*. The journal *Folia Biologica* received 94 texts, of which 53 were rejected and 28 accepted for publication. In spite of this positive trend, the impact factor has slightly decreased to 0.729 since the year before. Nonetheless the journal is one of the most important periodicals focused on cell and molecular biology in the region. The journal *Prague Medical Report* has been getting more and more interdisciplinary in profile, with a clinical bias, which makes it attractive for clinician authors above all. The editors received 57 texts, of which 34 were accepted for publication and 11 rejected. The *Prague Medical Report* prize was awarded to J. Kofen for his article *Retrospective analysis of the results of high-dose chemotherapy with the support of autologous blood stem cells in patients with multiple myeloma: The experience of a single centre*.

Together with the General Teaching Hospital, the Faculty is also co-editor of the journal *Nemocnice* [Hospital], which popularizes the activities of the First Faculty of Medicine and the General Teaching Hospital. In the new year the journal is to get a “facelift” and address a wider public.

The life of our Faculty in 2010 was really rich in social and professional events. The first weeks of the year were connected with such traditional events as the 123rd Prom Ball of Czech Medics, which took place in the Žofín Palace, and the Open Day of the First Faculty of Medicine of Charles University, which introduced the Faculty to those considering the studies and informed about requirements for admission to studies as well as the scope of activities offered, such as the student international exchange, events organized by student associations, and also participation in scientific work. The presentation of the Faculty was given by a number of institutes and clinical departments as well as by student members of the Academic Senate and the Union of Czech Medical Students who introduced their prospective colleagues to the faculty life.

There were a number of events and activities to commemorate various special anniversaries, as well.

2011 was a special year for our academic community as well as for the General Teaching Hospital, for we met the 140th anniversary of the first Czech medical department, which now is the 1st Medical Department of the First Faculty of Medicine and General Teaching Hospital. Foundation of the first Czech clinical department at the medical faculty in Prague – even before its division into the Czech and German medical schools – was an event of special importance in history of Czech medicine. The establishment of the 1st Medical Department is connected with such names as Prof. Bohumil Eiselt, Prof. Emerich Meixner, Prof. Ladislav Syllaba and many other. Nowadays this clinical department is a prominent centre of haematological oncology, which thanks to its programme and active participation in international co-operation is regarded as a top of quality of current medical care in the field.

Last year we also organized a special afternoon of lectures to commemorate the 100th anniversary of the Institute of Biology and Medical Genetics. This institute was founded as the first institute of biology at medical faculties. Before, biology had been taught at the Faculty of Arts of Charles University. Examinations in biology, however, were not enabled at the medical faculty until 1923. The first seat of the institute was what is called “Kaulich’s House” at Charles Square, from 1926 on it was housed in the principal building of the medical faculty in Kateřinská St., and in 1936 it found its “provisional” seat in Purkinje Building at Albertov, where it is still located now.

In 2011 the First Faculty of Medicine together with the General Teaching Hospital continued to commemorate the 200 year’s history of the hospital, the largest base of our clinical teaching, scientific work and research. The culmination point of the celebrations was the exhibition in the New Town Hall, recording the origin, history and present life of this institution.

Every year the Faculty experiences a higher interest from the media, concerning the Faculty’s life as well as the achievements of joint clinical institutions, and an increased interest in co-operation and exchange of information. Thanks to its special activities the Faculty managed to build up a stable circle of collaborators from daily newspapers, journals, TV and radio. Together with the press department of the General Teaching Hospital we also organized regular meetings with journalists on topics from a wide scope of medical disciplines and many problems of modern medicine. In 2011 there were more than 20 press conferences on topical themes, which received a rather vivid response in the media.

Notable events held in the Academic Club of the Faculty included, besides press conferences and Chair for Faust live interviews, also presentations of new books published by authors from

the First Faculty of Medicine of Charles University. In 2010 they were sixteen in number.

In 2010 thirteen prominent personalities of Czech and world science and some other famous people who are special to the First Faculty of Medicine accepted the invitation to be interviewed in “Chair for Faust”. These included Prof. Pavel Calda, Profesor David Cibula, Col. Jakub Frydrych, Assoc. Prof. Debora Karetová, Prof. Petr Pokorný, Dr. Petr Popov, actress Ms. Zdenka Procházková, Prof. Aleksi Šedo, Prof. Jakub Schwarz Trojan, Prof. Peter Weiss, Prof. Miroslav Zeman and Master sculptor Mr. Olbram Zoubek.

The edition of the book containing the interviews was sponsored by B BRAUN Medical, s.r.o., and the independent internet portal TopLékař.cz. It pleased me that our Faculty and General Teaching Hospital have their fans not only among the representatives of the medical profession but also among outstanding personalities from other spheres of our life, and they are still growing in number.

In 2011 the Faculty organized two concerts within the cycle *Faculty in the heart of Karlovo*, of which the 13th took place in the Great Chamber of the New Town Hall, featuring compositions by Jan Novák, Johann Sebastian Bach, Henry Purcell and Georg Friedrich Händel. The 14th concert in the autumn was special not only in terms of the music but above all thanks to the venue, which was the church of the Holy Virgin, St. Jerome and Slavonic patron saints, part of the Emmaus Abbey. With the kind consent of the Prior of the abbey, the First Faculty of Medicine was allowed to organize a concert at a place erected in 14th century by order of Charles IV, the King of Bohemia. Nearly 500 visitors enjoyed the *Mass in D major* by Antonín Dvořák. Both concerts were given by Piccolo coro & Piccola orchestra, directed by Mr. Marek Valášek.

In the Holy Trinity church at Podskalí an ecumenical requiem mass took place in memory of body donors in benefit of anatomical studies. The mass was celebrated by Father Josef Šplíchal, SDB, for the Roman Catholic Church and Reverend Brother Zdeněk Susa for the Moravian Evangelic Church. Harmonia Mozartiana Pragensis played music in honour of the deceased.

In the past year the Faculty participated at a number of important presentations of universities and colleges of the country. We introduced the Faculty successfully at the GAUDEAMUS university education fair in Brno, catering for those considering undergraduate studies at the university level. Also presentation of the Faculty at the Week of Science and Technology: Variety of World and Life was a success. Our Faculty contributed with three lectures. Assoc. Prof. Martin Vokurka dealt with *Iron in the body*, giving the lecture at the Academic Club of the First Faculty of Medicine. The lectures of Assoc. Prof. Ondřej Naňka, who talked about *Significance of hypoxia for the development of the embryo*, and Dr. Tomáš Kučera, dealing with *The mechanism of making blood vessels*, took place at the host – the Academy of Sciences.

In 2010 the 2nd annual golf tournament of the First Faculty of Medicine took place in the beautiful environment of the Golf Club in Sokolov, kindly sponsored by the industrial enterprise Sokolovské strojírny a. s.

Striving for best co-operation with the authorities of the district Prague 2, the Faculty participated in several joint activities with them, including – apart from regular events at the New Town Hall – the Children’s Day in the garden of the departments of Psychiatry and Neurology of the First Faculty of Medicine and General Teaching Hospital and some more events in the area of Karlov and Albertov as well as some other sites within the district.

The staff of the First Faculty of Medicine organized a great number of professional events in 2010, of which nearly one hundred were national and international conferences and seminars. Just a few of them can be listed here: the 12th conference Tobacco and Health; 61st Czecho-Slovak Pharmacological Days; 13th Prague Autumn Working Gastroenterological Day; conference at the

Parliament of the Czech Republic; National Conference of the Czech Society for Orthopedics and Traumatology; 9th Symposium on Teaching the Humanities at Medical Faculties on the topic "20 years since the reactivation of the Institute for Medical Humanities: memories and vision"; 30th Congress of Occupational Medicine with international participation; 19th Annual Congress of the Czech Ophthalmological Society; International Annual Conference of Global Ecological Integrity Group (GEIG); Joint Infectological Congress of the Czech and Slovak Infectological Societies; 22nd Eva Sedláčková National Phoniatic Days and the 9th Czecho-Slovak Phoniatic Congress; 18th Prague Surgical Days; 12th Congress of the Czech Orthodontic Society; EMBO Workshop on Chromatin Structure, Organization and Dynamics; Kapras Day on the topic Clinical genetics; Šikl evening on the topic New histopathological diagnostic procedures in tumour conditions; Meeting of Czech Thoracic Surgeons; 2nd Marta Staňková Working Day; Prague Dental Days; Klaus Evening at the Union of Czech Physicians in Prague on the topic Oncogynaecology; 24th International Course of Endoscopic Endonasal Surgery; European Narcolepsy Day; 9th International Fröhlich Symposium "Electrodynamic Activity of Living Cells, Including Microtubule Coherent Modes and Cancer Cell Physics"; 32nd Symposium of the Department of Orthopaedics of the Institute for Further Education in Health, the First Faculty of Medicine and the Teaching Hospital Na Bulovce; or the 48th Congress of European Renal Association – European Dialysis and Transplant Association (ERA-EDTA) in Prague.

On the occasion of personal jubilees, conclusions of the terms in office and retirements, or on the occasion of international conferences attended by specialists linked with our faculty, twenty-two Memorial Medals of the First Faculty of Medicine of Charles University and ten Faculty diplomas of honour were awarded.

The Memorial Medals were awarded to the following: Prof. Vladimír Beneš, Prof. Ivan Karel, Assoc. Prof. Radim Kočvara, Assoc. Prof. Drahomíra Křenová, Prof. Miloš Langmeier, Assoc. Prof. Alena Lobovská, Prof. Jiří Městecký, Prof. Václav Seichert, Prof. Otto Schuck, Prof. Aleksi Šedo, Assoc. Prof. Václav Ventura, Th.D., Maria Cristina Cardovo, Assoc. Prof. Jindřich Diamant, Prof. Jiří Honňák Michal, Prof. Dr. Heinrich Leonhardt, Mr. Tom Misteří, Dr. Thor Pederson, Prof. Dr. Otto Michael Lech, Prof. Friedrich Magerl, Prof. Jam Wnukiewicz, Prof. Vladimír Zvara, and Prof. Aleš Žák.

The Faculty diplomas of honour were awarded to Prof. Jan Evangelista Dyr, Assoc. Prof. Otakar Měřič, Mr. Vladimír Novák, Assoc. Prof. Růžena Pánková, Assoc. Prof. Jaroslav Plas, Assoc. Prof. Eva Říhová, Assoc. Prof. Marie Staňková, Prof. Aleksi Šedo, Assoc. Prof. Petr Štěřba, and Prof. Václav Zamrazil.

In 2011 we all celebrated important jubilees in the lives of the following academic staff members, who had connected their professional careers with the Faculty and contributed to its reputation. These are the following: Assoc. Prof. Petra Tesařová, Assoc. Prof. Radim Bečvář, Prof. Jiří Raboch, Assoc. Prof. Jan Tošovský, Prof. Miloš Grim, Prof. Josef Marek, Assoc. Prof. Zdeněk Wunsch, Assoc. Prof. Radim Kočvara, Prof. Miloš Langmeier, Assoc. Prof. Dana Marešová, Assoc. Prof. Jan Roth, Assoc. Prof. Jozef Hoza, Assoc. Prof. Růžena Pánková, Assoc. Prof. Marie Staňková, Prof. Terezie Fučíková, Prof. Václav Seichert, Prof. Vladimír Křen, Assoc. Prof. Ivana Kuklová, Assoc. Prof. Ivan Landor, Prof. Jiří Widimský, Prof. Aleš Žák, Assoc. Prof. Eva Říhová, Assoc. Prof. Petr Hach, Dr.Med.h.c., Prof. Aleksi Šedo, Prof. Tomáš Hanuš, Assoc. Prof. Pavel Freitag, Assoc. Prof. Jiří Obenberger, Prof. Jan Evangelista Dyr, Prof. Václav Hána, Prof. Martin Fried, Assoc. Prof. Drahomíra Křenová, Assoc. Prof. Jaroslav Plas, Prof. Lubor Stejskal, Assoc. Prof. Jiří Křivánek, Assoc. Prof. RNDr. Petr Štern, Assoc. Prof. Václav Ventura, Assoc. Prof. Pavel Vavřík, Prof. Jaroslav Racek, Assoc. Prof. Ludmila Lipská, Assoc. Prof. Václav Smrčka, Assoc. Prof. Vladimír Novák, Prof. Stanislav Štípek, Assoc. Prof. Jaroslav Jeřábek, Assoc. Prof. Zdeněk Fišar and Assoc. Prof. Petr Kozler.

Alas, in 2011 our academic community, friends and colleagues, had to farewell several outstanding physicians and teachers. Among those who left our academic community forever were Prof. František Boudík, Prof. Milan Elleder, Assoc. Prof. Miloslava Elišková, Prof. Mojmír Fučík, Dr. Milena Jirásková, Dr. Jaromír Křemen, Prof. Vladimír Pacovský, Dr. Olga Příbylová, Dr. Zdeněk Richter, Prof. Jaroslav Toman, and Prof. František Záruba.

The 2011 balance of the Faculty is good, and not only in terms of economy. We were able to get ready for the changes in the pipeline, concerning funding the research in 2012, and reduction of the subsidies for education. Now it is the time to elect a new management of the faculty. The Academic Senate has call the election of the candidate to assume the position of the Dean for the next term. The election campaign will come in March, and on 25th April 2012 the new candidate to the position of the Dean of the First Faculty of Medicine of Charles University will take place.

Dear colleagues, dear members of the academic community and the staff, this is the last time I submit the Annual Report of the First Faculty of Medicine of Charles University. Therefore, let me thank you all for your demanding work and intensive work done not only in 2011, and for your support, understanding and patience. Also let me thank all the friends, supporters and patrons of our faculty for their friendship and support. We are going to materialize our vision of the Faculty as one that is top-level, friendly and open.

*Prof. MUDr. Tomáš Zima, DrSc., MBA
Dean of the Faculty*



Prof. Tomáš Zima, the Dean of the First Faculty of Medicine, received the prize of the Republic the Philippines from His Excellency Virgilio Esguerra, the Commander-in-Chief of the knightly Order of José Rizal.



At the solemn memorial ceremony, Her Excellency Evelyn Dominguez Austria-Garcia, the extraordinary and plenipotentiary ambassador of the Republic the Philippines in Prague, was present as well.

ACADEMIC SENATE



ACADEMIC SENATE

In 2011 the Academic Senate of the First Faculty of Medicine of Charles University in Prague held nine regular sessions and one extraordinary session. The regular sessions took place at 10th January, 14th February, 14th March, 11th April, 9th May, 13th June, 3rd October, 7th November and 5th December, while the extraordinary session was on 10th October. The previous year, 2010, was the beginning of the three-year term of the Senate, 2010 to 2013.

In the beginning of the year, the Senate boards as the Dean's consulting organs were appointed, such as the Disciplinary Board and Evaluation Board, and further the Board for Non-medical Fields and the Board for Science and Research were constituted. The Senate adopted the report of the evaluation of tuition in 2010.

The Academic Senate of the First Faculty of Medicine of Charles University in Prague discussed the current situation in health services and agreed to publish its attitude towards the initiative "Thanks – we're leaving" as adopted on 13th December 2010.

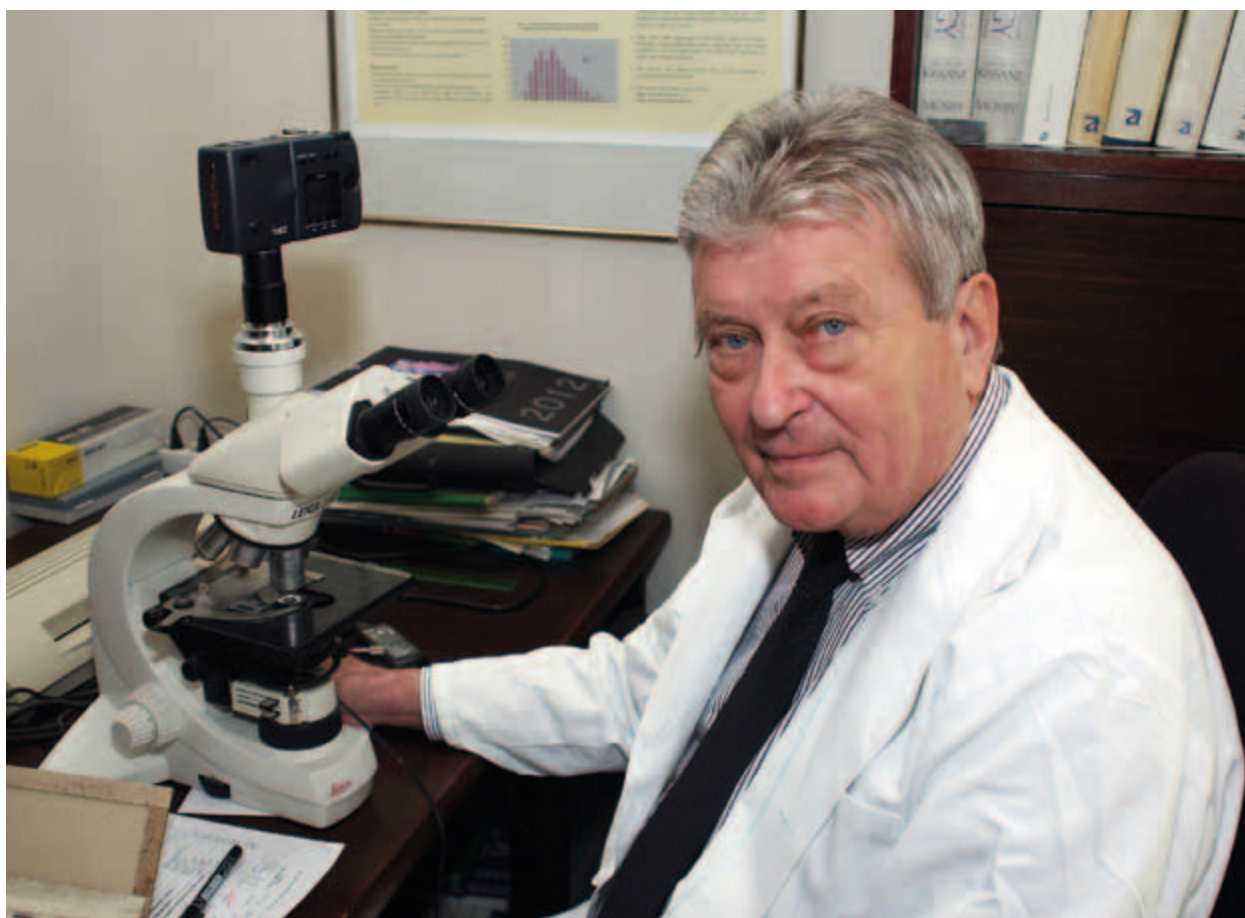
The Academic Senate of the First Faculty of Medicine of Charles University in Prague dealt with the Dean's proposal to amend the Faculty's internal regulation concerning the change of composition of advisory bodies to the Senate. It dealt with the issues of funding of science, as presented by the Dean of the Faculty. Without comments it accepted the draft amendments to the Statute of Charles University. Further, it discussed the proposal based on the

Order of the Rector of Charles University concerning the fees connected with the studies for the academic year 2011–2012.

A Senators' Mailbox was created on the website as a channel of communication for the public to contact the members of the Academic Senate.

At the Dean's proposal, the Academic Senate of the First Faculty of Medicine of Charles University decided on the merging of the Institute of Medical Biochemistry and the Institute of Clinical Biochemistry and Laboratory Medicine into the Institute of Medical Biochemistry and Laboratory Medicine of Charles University in Prague – the First Faculty of Medicine and the General Teaching Hospital. The Academic Senate gave its approval to the proposal to widen the accreditation of the programme Specialization in health care, branch Nursing in anaesthesiology, resuscitation and intensive care by providing the combined form of studies as well. Further, it approved on the Board for Non-medical Fields and on its composition, on the Board for Dentistry and on its composition, on the Board for English Parallel Classes and on its composition, and on the Board for Science and Research and on its composition.

In April, the Academic Senate of the First Faculty of Medicine of Charles University in Prague accepted the 2010 Annual Report on the Faculty's activities, the Managing Report, and the budget of



Prof. MUDr. Přemysl Strejc, DrSc.

Chairman of the Academic Senate of the First Faculty of Medicine of Charles University

the First Faculty of Medicine for 2011, as submitted by the Dean of the Faculty. Basing on the Dean's information, the Senate approved the long-term project of the First Faculty of Medicine. This is a proposal made by the Faculty management, which eventually will be decided on by the Scientific Board of the Faculty. The Faculty management will see to making the difference between collaborations and projects conceived at the Faculty.

Further, the Senate approved on the Plan of admission of new students for the academic year 2012–2013. The Academic Senate of the First Faculty of Medicine of Charles University agrees on the application for accreditation of the postgraduate doctoral programme in History of medicine. The proposal to change the conditions of enrolment for the subjects Pathobiochemistry and Medical ethics and philosophy of medicine.

The Academic Senate of the First Faculty of Medicine of Charles University discussed the proposed Dean's Order to set the amount of the bursaries for postgraduate students in the academic year 2011–2012, as submitted, and had no objections. During the year the Senate boards were completed with new members.

As early as in its June session, the Academic Senate of the First Faculty of Medicine of Charles University expressed its affirmative attitude to the Rector's opinion on the draft bill of a new act of schools of higher education.

After the summer holidays, in its October session the Academic Senate of the First Faculty of Medicine of Charles University decided, on the Dean's proposal and in accordance with Article 27, Subsection 1, Inset (a) of the Act No. 111/1998 of the Collection, i.e. the Act on Schools of Higher Education in its current valid wording, to establish a new Faculty unit – the Department of Addictology of Charles University in Prague – the First Faculty of Medicine, and the General Teaching Hospital, from 1st January 2012 on; further, on the Dean's proposal and in accordance with Article 27, Subsection 1, Inset (a) of the Act, to establish Department of Oncology of Charles University in Prague – the First Faculty of Medicine, the General Teaching Hospital and the Central Military Hospital as a new Faculty unit from 1st January 2012 on; on the Dean's proposal and in accordance with Article 27, Subsection 1, Inset (a) of the Act, to establish the Department of Anaesthesiology, Resuscitation and Intensive Medicine of Charles University in Prague – the First Faculty of Medicine, and the General Teaching Hospital as a new Faculty unit from 1st January 2012 on; on the Dean's proposal and in accordance with Article 27, Subsection 1, Inset (a) of the Act, to establish the Department of Traumatology of the Locomotor Apparatus of Charles University in Prague – the First Faculty of Medicine, and the General Teaching Hospital as a new Faculty unit from 1st January 2012 on; an eventually on the Dean's proposal and in accordance with Article 27, Subsection 1, Inset (a) of the Act, to establish the Department of Oncology of Charles University in Prague – the First Faculty of Medicine, and the Thomayer Teaching Hospital as a new Faculty unit from 1st January 2012 on.

In the extraordinary session held on 18th October 2011, the Academic Senate of the First Faculty of Medicine of Charles University dealt with organization of the election of the Academic Senate of Charles University for the term of 2012–2015 (including the announcement of the election days, introduction of the proposed chairwoman of the electoral commission, proposals and appointments of members of the respective part of the electoral commission by the Senate, polling stations and their opening hours). The date of the election was set to 29th and 30th November 2012.

Further, the Senate gave an affirmative opinion on the conditions of the admission procedure at the First Faculty of Medicine of Charles University in the academic year 2012–2013 with the reservation that the number of new students in the programme of General medicine should be reduced from 600 to 500.

The Academic Senate of the First Faculty of Medicine of Charles University in Prague approved on the application to prolong the accreditation of the Bachelor degree programmes in specialization in health care, branch physiotherapy; specialization in health care, branch occupational therapy; and addressed the Faculty management to prepare the accreditation of the Master degree programme of physiotherapy as soon as possible. The Academic Senate gave an affirmative opinion on submitting the application for accreditation of the doctoral (Ph.D.) programme in the field of addictology, addressed to the Scientific Council the First Faculty of Medicine of Charles University.

As a delegate for the Council of Schools of Higher Education, the Academic Senate of the First Faculty of Medicine of Charles University elected Prof. Miloš Langmeier by ballot.

At the end of the year, the Academic Senate of the First Faculty of Medicine of Charles University was informed about drawing the budget by the 31st October 2010 and approved on the payment of bursaries for outstanding progress in studies in the previous academic year in 2012 according to Option B:

Average of the marks	Number of students	Amount of the bursary	Sum total
1.00	110	CZK 15,000	CZK 1,650,000
1.01–1.10	28	CZK 12,000	CZK 336,000
1.11–1.20	130	CZK 9,500	CZK 1,235,000
			CZK 3,221,000

The Academic Senate of the First Faculty of Medicine of Charles University closely observes the development of the programmes of Physiotherapy and Occupational therapy and requires the Head of the Department of Rehabilitation Medicine to submit the documents for accreditation in May 2012. The Academic Senate of the First Faculty of Medicine of Charles University was informed about the field Medical technology, considering that both the Bachelor and Master degree programmes in Medical technology are very demanding for students, which resulted in lower interest in this type of study. One possible solution is the joint accreditation of this programme in collaboration with the Faculty of Biomechanical Engineering of the Czech Technical University (which would act as the leader of the programme). The Dean of the Faculty agrees with such solution.

The Academic Senate of the First Faculty of Medicine of Charles University noted the report of the Faculty's part of the electoral commission, containing the announcement of the result and evaluation of the course of the election of the Academic Senate of Charles University. For the academic staff, Prof. Stanislav Štípek and Prof. Jiří Raboch were elected; for students Dr. Jiří Beneš and Mr. Miroslav Důra. We congratulate the elected members of the Academic Senate of Charles University and wish them success in work for the benefit of the University.

In either half of the year, a check of attendance of the Senate members in the sessions was performed, and no unauthorized absences were found.

The Academic Senate of the First Faculty of Medicine of Charles University in Prague appointed its delegates in boards that direct on the competition for the posts of the Heads of the following units: the Surgical Department of the First Faculty of Medicine and the Thomayer Teaching Hospital; the Institute of Anatomy of the First Faculty of Medicine; the Department of Anaesthesiology, Resuscitation and Intensive Medicine of the First Faculty of Medicine and the General Teaching Hospital; the Department of Traumatology of the Locomotor Apparatus of the First Faculty of Medicine and the Central Military Hospital in Prague.

Like in the recent years, the Academic Senate of our Faculty did not hesitate to express seriously and therefore freely on the issues

concerning whole society and expressed its support to the protesting medical profession as well as the management of Charles University.

In conclusion, let me express my thanks to the members of the Academic Senate of the First Faculty of Medicine of Charles University as well as to all students, teachers and other staff of

the Faculty for their work for the benefit of our Faculty and Charles University and wish them all great success in both work and studies. I appreciate the approach of the Dean of the First Faculty of Medicine Prof. Tomáš Zima towards the Academic Senate of the First Faculty of Medicine of Charles University and the assistance of Mrs. Eva Soubustová, the Bursar of the Faculty.

*Prof. MUDr. Přemysl Strejc, DrSc.
Chairman of the Academic Senate
of the First Faculty of Medicine of Charles University*



From Mrs Josefina Napravilová's donation for the best students in the first and sixth year of the Faculty, Mr. Vojtěch Dolejský and Dr. Michal Fikrlé were awarded.

DIRECTOR OF THE GENERAL TEACHING HOSPITAL



DIRECTOR OF THE GENERAL TEACHING HOSPITAL IN PRAGUE

The year marked with celebrations of the 220th anniversary of the General Teaching Hospital is over, and it is the time to take stock of it. Throughout the year we several times presented the project of updating of the General Teaching Hospital in Prague, last at a seminar in the Chamber of Deputies of the Parliament of the Czech Republic in December. There was also an exhibition called *Saluti aegrorum: the General Teaching Hospital in Prague celebrating the 220th anniversary* last year.

Regretfully, the 2011 was another year when the Czech economy did not grow but rather stagnated. This was one of the reasons for introduction of a special programme to motivate the management to overcome this unfavourable situation. This goal was eventually achieved, and in 2011 the General Teaching Hospital closed the balance with the profit of CZK 8,385,024 while the total turnover was CZK 6,819,775,410.

Like all Czech health services, the General Teaching Hospital was preoccupied with the physicians' initiative "Thanks – we're leaving" at the beginning of the year. With the benefit of hindsight, it is up to the initiators to judge whether it was successful or not. For the team atmosphere of the most involved clinical departments and for the relations between the health care staff it certainly wasn't.

Despite the unfavourable economic conditions, it is the ambition of the General Teaching Hospital to improve the environment for both the patients and the staff, but particularly to provide for high quality health care. This was undoubtedly facilitated by the re-opening of the Transplantation Unit of the 1st Medical Department after the renovation. This unit will be a guarantee of comfort for immunocompromised patients, and a worthy workplace for the staff. Then the capital reconstruction of the outpatient part of the Department of Paediatrics and Adolescent Medicine, where the Centre for Children with Perinatal Affliction was created thanks to the support from Norwegian funds. The ward of the Medical Department at Strahov got a facelift and was made more comfortable. Also the Centre of Preventive Cardiology of the 3rd Medical Department in the General Teaching Hospital experienced a renovation, and therefore a change in organizing the patient care. A lot of minor renovations were done, some of them partly financed from the Government budget, to provide more comfort for our patients. Last but not least, one capital reconstruction that had taken more than a year was eventually finished. In presence of representatives of the state authorities, the ward of the Department of Anaesthesiology, Resuscitation and Intensive Care was reopened. The reconstruction of this unit was enabled by in-



Mgr. Dana Jurásková, Ph.D., MBA
Managing Director of the General Teaching Hospital in Prague

volvement of the government budget, amounting to 30 million Czech Crowns, with the total cost being nearly 95 million Czech Crowns.

For economic reasons, we had to cut down even investments in medical technology but thanks to planned projects involving the General Teaching Hospital and because of breakdowns we finally invested 110 million Czech Crowns, including 51 million from the resources of the General Teaching Hospital.

Before the end of the year we opened discussion within the General Teaching Hospital to specify the core programmes that the Hospital would pursue in future. Thus eight basic core programmes arose, which at a time are the areas of scientific and research co-operation of the General Teaching Hospital and the First Faculty of Medicine of Charles University:

Diagnosis and treatment of tumour conditions (Oncology; Hematooncology)

Diagnosis and treatment of diseases of blood and haematopoietic organs

Mother and child care (Prenatal and perinatal care; Children and adolescents)

Care of patients after an injury (Traumatological care; Eye injuries; Orofacial region)

Diagnosis and treatment of cardiovascular conditions

Metabolic conditions (Inherited metabolic disorders; Metabolism, endocrinology and nephrology; Clinical nutrition and diseases of the digestive tract)

Care of patients with diseases of the nervous system and mental diseases (Care of patients with diseases of the nervous system; Care of patients with mental diseases)

Scientific and research activity is one of the main activities of the General Teaching Hospital. It is implemented in co-operation with the First Faculty of Medicine of Charles University, institutions within the health service, institutions of the Academy of Sciences of the Czech Republic, Czech Technical University and other colleges, and industrial companies. In this sphere, the General Teaching Hospital has traditionally been the leader among Czech hospitals, being given as many as 29,409.799 RIV points in

2011. Such good results are only possible thanks to the close collaboration between the General Teaching Hospital and the First Faculty of Medicine of Charles University. The expert potential of both these institutions presents a high percentage in the results of biomedical research in the country.

Another major area of activity of the General Teaching Hospital is teaching. This is implemented in all spheres of education of health care professionals as well as other staff in health services. It is accredited for 32 foundation and 14 follow-up specialties for physicians and 5 special fields for non-medical staff. The General Teaching Hospital also offers resident positions for both physicians and non-medical professionals. For 2011, out of 26 allotted positions 18 were taken. The Section of Education also implements certified (7 in number) and non-certified (2) courses for non-medical professions. For doctors, certified courses (10) financed by the European Fund for Regional Development are offered in co-operation with the Institute of Further Education in Health. Another part of the activities in the sphere of education is implementation of projects supported by European funds. These include the project St. Catherine Garden, aiming at assistance for patient of the Department of Psychiatry. This project was successfully finished in August 2011. The other projects were Educating Academy, Stabilization of the professional team of the Department of Neonatology of the General Teaching Hospital, Education of the rheumatologic team of the Department of Paediatrics and Adolescent Medicine. All these projects have played an important role in improvement of the professional level and stabilization of the health care team in the General Teaching Hospital.

During the year, we together with the First Faculty of Medicine carried on the activities intended to improve the environment for students. Some lecture halls were renovated and facilities for the students furnished.

With hindsight, we always look at every past year thinking whether we did enough, and whether what we did was the right thing. I believe that we can judge 2011 as a successful year. I only wish we could say the same when evaluating the next year, which will be even more difficult.

*Mgr. Dana Jurásková, Ph.D., MBA
Managing Director of the General Teaching Hospital in Prague*



*At the presentation of the book *Vivisectio mundi*, Prof. Ctirad John's daughter-in-law Ms Zlata Adamovská, the actress, was present.*



During the five years of its existence, the unique research institution of the Centre of Photonic Medicine has brought some methods of treatment that were not available before and great progress in therapy of some tumour diseases – particularly of the head, neck and skin. The 5th anniversary was marked with a press conference.

MANAGEMENT



FIRST FACULTY OF MEDICINE – MANAGEMENT

Dean: prof. MUDr. Tomáš Zima, DrSc., MBA

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 prof. MUDr. Otomar Kittnar, CSc., MBA
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 prof. MUDr. Aleš Linhart, DrSc.
 Vice-Dean for Outward Relations
 doc. PhDr. Michal Miovský, Ph.D.
 Vice-Dean for Non-Medical Study Programmes
 prof. MUDr. Aleksi Šedo, DrSc.
 Vice-Dean for Grant Projects and Development of the Faculty
 doc. MUDr. Martin Vokurka, CSc.
 Vice-Dean for Theoretical and Pre-Clinical Education
 prof. MUDr. Aleš Žák, DrSc.
 Vice-Dean for Scientific Activities

Members of Dean's Office Board

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 Ms Dana Jurásková, Ph.D.
 prof. MUDr. Alois Martan, DrSc.
 prof. MUDr. Jiří Mazánek, DrSc.
 Ms Michaela Romerová
 prof. MUDr. Karel Smetana, DrSc.
 Ing. Eva Soubustová, MBA
 prof. MUDr. Jan Škrha, DrSc., MBA
 prof. MUDr. Stanislav Štípek, DrSc.

COMPOSITION OF THE ACADEMIC SENATE FOR THE TERM OF 2010–2013

Chairman: prof. MUDr. Přemysl Strejč, DrSc.
 Vice-Chairman: Ms Michaela Romerová

Teachers' representatives:

doc. MUDr. Petr Bartůněk, CSc.
 prof. MUDr. Petr Broulík, DrSc.
 MUDr. Jan Bříza, CSc., MBA
 MUDr. Vilém Danzig, PhD.
 prof. MUDr. Milan Elleder, DrSc. († 25 September 2011)
 prof. MUDr. Richard Česka, CSc. (since 7 November 2011)
 prof. MUDr. Pavel Klener, DrSc.
 prof. MUDr. Zdeněk Krška, CSc.
 MUDr. Jan Kunstýř, PhD.
 prof. MUDr. Jaroslav Lindner, CSc.
 prof. MUDr. Alois Martan, DrSc.
 prof. MUDr. Pavel Pařko, DrSc.
 prof. MUDr. Karel Smetana, DrSc.
 prof. MUDr. Přemysl Strejč, DrSc.
 as. MUDr. Tomislav Švestka, CSc.
 doc. MUDr. Jan Živný, PhD.

Students' representatives:

Lukáš Bajer
 Michal Dianiška
 Miroslav Důra
 MDDr. Eliška Feltlová (until 2 October 2011)
 MUDr. Jiří Beneš (since 18 October 2011)
 Ing. Lukáš Kaloš (since 3 October 2011)
 Adéla Furmánková
 Paris Charilaou
 Juraj Kobylák
 Jana Mašková
 doc. MUDr. Ondřej Naňka, PhD.
 Jan Philipp Novotný
 Michaela Romerová
 Jakub Studený
 Magdaléna Švrčková (until 2 October 2011)
 František Vaňásek
 Michal Žiga

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 doc. MUDr. Marek Trmýný, CSc.
 prof. MUDr. Jiří Zeman, DrSc.
 prof. MUDr. Aleš Žák, DrSc.

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prof. RNDr. Helena Illnerová, DrSc.
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prof. MUDr. Ivan Mišek, CSc.
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doc. MUDr. Josef Podstata, DrSc.
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doc. MUDr. Jan Veverka, CSc.
prof. Ing. Jiří Witzany, DrSc.

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prof. Dr. Jan Klášterský
MUDr. Tomáš Klíma, CSc.
prof. Dr. Gérard Michel London
prof. Dr. Jiří Městecký
prof. Dr. Přemysl Poňka
prof. Dr. Josef T. Prchal
prof. Dr. Alexandr Schirger
prof. Dr. Emil Skamene
prof. MUDr. Adolf Stafel, Ph.D.
prof. Dr. Pavel Hammet



In the Chair for Faust, the actress Ms Zdenka Procházková was seen by her old friend Mr. Vlastimil Harapes, the ballet dancer.



The Scientia Foundation awarded the best students of the past year. The prizes were conferred by the President of the foundation, the Faculty Dean Prof. Tomáš Zima. Then the prospective new students visited selected institutes and clinical departments of the Faculty.



The 1st Medical Department of the First Faculty of Medicine and General Teaching Hospital, historically the first Czech medical department, met its 140th anniversary in a special meeting, at the presence of the Rector of Charles University Prof. Jan Škrha, the Dean of the First Faculty of Medicine Prof. Tomáš Zima, the managing director of the General Teaching Hospital Ms Dana Jurásková, and the violin virtuoso Mr Václav Hudeček, who pleased the public with his play.

ORGANIZATIONAL CHANGES



INFRASTRUCTURAL DEVELOPMENT PROGRAMMES, ORGANIZATIONAL CHANGES AND COMPOSITION OF THE STAFF

Throughout 2011, intensive preparations of the project of Albertov Campus were carried on in co-operation with the faculties of natural science and mathematics and physics of Charles University. On 31st August 2011, the project of the construction was approved on by the Decision of the Government of the Czech Republic No. 653 as a document of the Ministry of Education, Youth and Sports 133 210. All following steps will be done within the investment programme in close co-operation with Charles University in Prague and the faculties involved (Faculty of Natural Science, First Faculty of Medicine, Faculty of Mathematics and Physics) with the authorities of the Ministry of Education, Youth and Sports. At the time, the user programme of the furnishing, the concept of equipment of shared technological units, "core facilities" as well as synergy and complementarity with the project of the Biotechnolo-

gical and Biomedical Centre Vestec – BIOCEV are being prepared. The aim of our participation in the BIOCEV programme, which is included in the EC programme "Research and Development for Innovations" – axis European Centres of Excellence, is to create the technological base necessary for top-level science performed by teams of researchers from the First Faculty of Medicine.

Development of the number of the academic staff in 2011 (actual and converted to full-time positions) is documented in the chart and diagrams. The trend towards favourable in the Faculty staff development in particular categories continues, in terms of both qualifications and ages. In several organization units of the Faculty there have been changes at the posts of the Heads, based on regular competition.

Prof. MUDr. Aleksi Šedo, DrSc.

Vice-Dean for Grant Projects and Development of the Faculty

Survey of changes in the Heads' posts in organization units in 2011

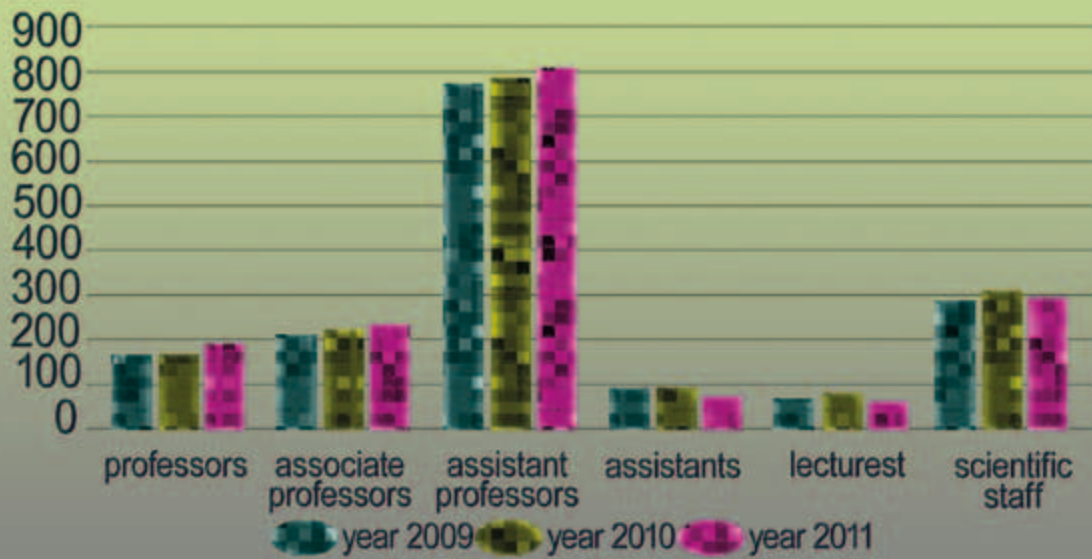
Organization unit	New Head
Institute of Anatomy	Prof. MUDr. Karel Smetana, DrSc.
Institute of Histology and Embryology	Doc. MUDr. Tomáš Kučera, Ph.D.
Department of Surgery at Thomayer Hospital	Doc. MUDr. Jaromír Šimša, Ph.D.

Number of scientific and educational staff between 2008 and 2010

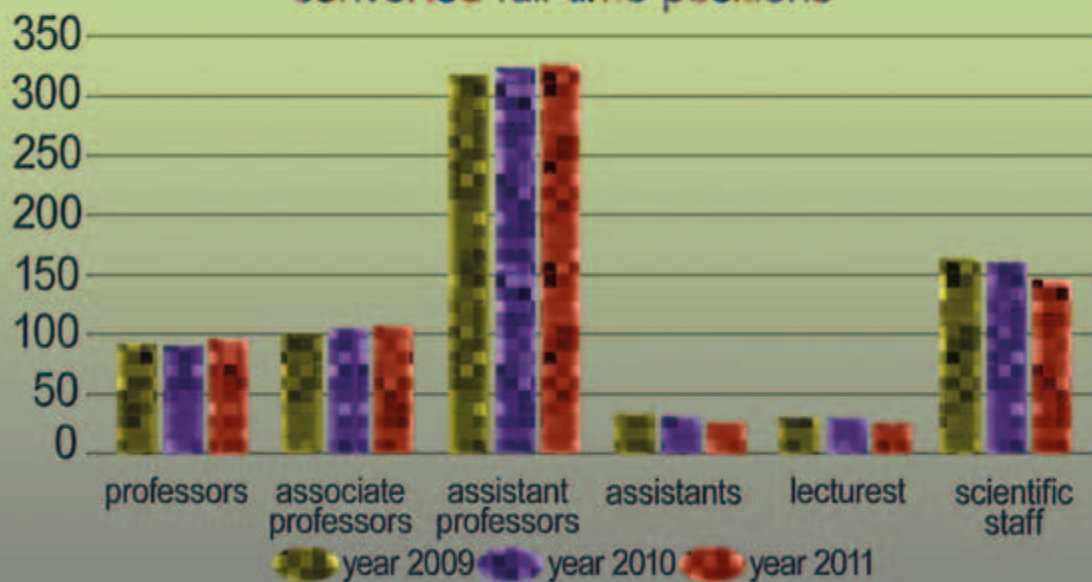
	2009		2010		2011	
	actual number of staff	average converted full-time positions	actual number of staff	average converted full-time positions	actual number of staff	average converted full-time positions
total	1,552	733.293	1,603	742.748	1,628	740.5
professors	124	87.298	127	88.224	128	92.022
associate professors	169	108.758	175	109.367	178	118.596
assistant professors	763	312.469	781	321.807	774	325.343
assistants	106	31.648	104	31.115	97	30.047
lecturers	111	27.663	126	28.722	160	26.729
research staff	279	165,457	290	163,513	291	147,763

The actual number of staff is always stated by 31st December of the respective year

Composition of scientific / educational staff - actual numbers

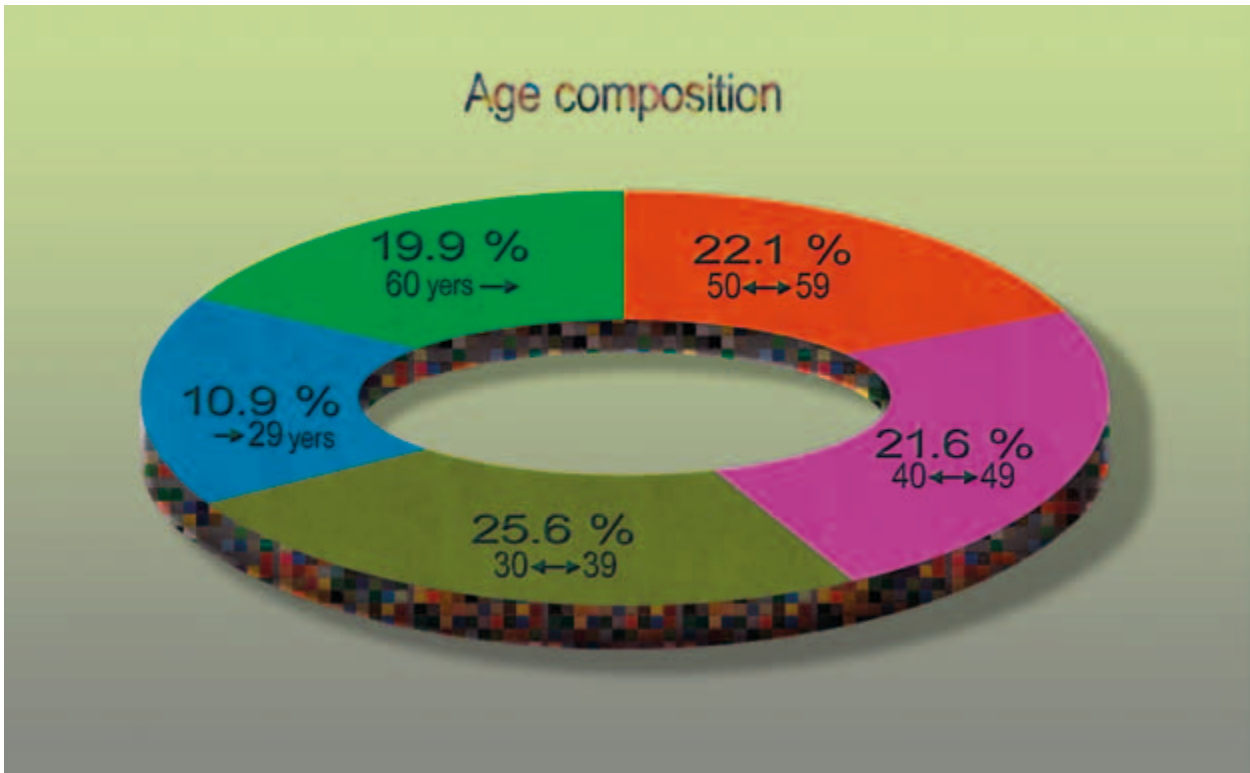


Composition of scientific / educational staff - average converted full-time positions



Survey of age composition of staff in 2011

Age	Percentage
under 29 years	10.89
30–39 years	25.55
40–49 years	21.62
50–59 years	22.09
60 years and above	19.85



APPOINTMENT OF PROFESSORS AND ASSOCIATE PROFESSORS IN 2011

In 2010 the Scientific Board of the First Faculty of Medicine performed twelve procedures for appointment to professor posts. All of them were approved by the Scientific Board and thus passed to the Rector's Office of Charles University for further procedures. The Scientific Board of Charles University in Prague discussed ten proposals from the First Faculty of Medicine; all the proposals were approved on and submitted to the Ministry of Education, Youth and Sports of the Czech Republic for further procedures. In 2011

the President of the Czech Republic appointed two new professors, who had passed the procedures of appointment at the First Faculty of Medicine.

Further, the Scientific Board performed seven habilitation procedures. In 2011, the Rector of Charles University appointed eleven Associate Professors who had passed the habilitation procedures at the First Faculty of Medicine of Charles University in Prague.

Numbers of appointment procedures passed in the scientific board of the First Faculty of Medicine of Charles University in Prague (1995–2011)

Professors																
1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
5	7	1	5	0	7	7	7	13	11	14	15	13	7	9	7	12
Associate Professors																
1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
8	11	14	12	3	10	15	16	16	16	18	17	17	17	12	18	7

Professors appointed in 2011

Name, establishment	Field	Defended at Scientific Board of Faculty	Defended at Scientific Board of University	Appointed with the effect from
Doc. MUDr. Milan Hora, Ph.D. Department of Urology of the Medical Faculty of Charles University and Teaching Hospital in Plzeň	urology	22 Dec 2009	29 Apr 2010	24 June 2011
Doc. MUDr. Jaroslav Lindner, CSc. 2nd Surgical Department – Department of Cardiovascular Surgery of the First Faculty of Medicine of Charles University and General Teaching Hospital	surgery	26 Jan 2010	24 June 2010	24 June 2011

PROCEDURES FOR APPOINTMENT TO PROFESSOR POSTS AT THE SCIENTIFIC BOARD OF THE FIRST FACULTY OF MEDICINE OF CHARLES UNIVERSITY IN 2011

doc. MUDr. Tomáš Trč, CSc.

Department of Orthopaedics of Charles University – the Second Faculty of Medicine and the Motol Teaching Hospital – Children and Adult Orthopaedics and Traumatology

Appointment procedure in the field of **orthopaedics**

Scientific Board of the First Faculty of Medicine on 25 Jan 2011

Title of the lecture: Lengthening long bones: long-term experience
Scientific Board of Charles University on 1 Dec 2011

doc. MUDr. Pavel Maruna, CSc.

Institute of Pathological Physiology of Charles University – the First Faculty of Medicine and the General Teaching Hospital

Appointment procedure in the field of **pathological physiology**

Scientific Board of the First Faculty of Medicine on 22 Feb 2011

Title of the lecture: Procalcitonin in systemic inflammatory response

Scientific Board of Charles University on 30 June 2011

Appointed with the effect from 1 Feb 2012

Doc. RNDr. Zdeněk Fišar, CSc.

Department of Psychiatry of Charles University – the First Faculty of Medicine and the General Teaching Hospital

Appointment procedure in the field of **medical chemistry and biochemistry**

Scientific Board of the First Faculty of Medicine on 22 Feb 2011

Title of the lecture: Biochemical mechanisms of action of antidepressants

Scientific Board of Charles University on 1 Dec 2011

Doc. RNDr. Evžen Amler, CSc.

Institute of Biophysics of Charles University – the Second Faculty of Medicine and the Motol Teaching Hospital

Appointment procedure in the field of **medical biophysics**

Scientific Board of the First Faculty of Medicine on 29 Mar 2011

Title of the lecture: Bionanotechnology in regenerative medicine

Scientific Board of Charles University on 26 Jan 2012

doc. MUDr. Viktor Kožich, CSc.

Institute of Inherited Metabolic Disorders of Charles University – the First Faculty of Medicine and the General Teaching Hospital

Appointment procedure in the field of **medical genetics**

Scientific Board of the First Faculty of Medicine on 29 Mar 2011

Title of the lecture: Pathogenic mechanisms in cystathionin beta-synthase deficiency
Scientific Board of Charles University on 1 Dec 2011

doc. MUDr. Petr Neužil, CSc.

2nd Medical Department of Charles University – the First Faculty of Medicine and the General Teaching Hospital Hospital Na Homolce – Department of Cardiology
Appointment procedure in the field of **internal medicine**
Scientific Board of the First Faculty of Medicine on 31 May 2011
Title of the lecture: Catheter ablation for ventricular tachycardia in patients after myocardial infarction

doc. MUDr. Petr Suchomel, Ph.D.

Neurosurgical Department of the Neurocentre, Regional Hospital Liberec
Department of Neurosurgery of Charles University – the First Faculty of Medicine and the Central Military Hospital
Institute of Health Studies of the Technical University in Liberec
Appointment procedure in the field of **neurosurgery**
Scientific Board of the First Faculty of Medicine on 31 May 2011
Title of the lecture: Reconstruction of the upper cervical vertebrae and the cervico-cranial junction

doc. MUDr. Robert Lischke, Ph.D.

3rd Surgical Department of Charles University – the First Faculty of Medicine and the Motol Teaching Hospital
Appointment procedure in the field of **surgery**
Scientific Board of the First Faculty of Medicine on 21 June 2011
Title of the lecture: Transplantation of lungs – example of international co-operation: Past, present, prospects

doc. MUDr. Jindřich Fínek, Ph.D.

Department of Oncology and Radiotherapy of the Teaching Hospital in Plzeň and Charles University – the Medical Faculty in Plzeň
Appointment procedure in the field of **oncology**
Scientific Board of the First Faculty of Medicine on 25 Oct 2011
Title of the lecture: Peroral cytostatic treatment of patients with metastatic HER-2 negative breast carcinoma

doc. MUDr. Jarmila Procházková, CSc.

Research Institute of Stomatology of Charles University – the First Faculty of Medicine and the General Teaching Hospital
Appointment procedure in the field of **stomatology**
Scientific Board of the First Faculty of Medicine on 29 Nov 2011
Title of the lecture: Hazards of adverse effects of metals in dentistry: current scope of prediction, prevention and treatment

doc. MUDr. Ivan Landor, CSc.

Ortopedická klinika of Charles University – the First Faculty of Medicine and the Motol Teaching Hospital
Appointment procedure in the field of **orthopaedics**
Scientific Board of the First Faculty of Medicine on 29 Nov 2011
Title of the lecture: Total replacement of the hip joint in dysplastic environment

doc. MUDr. Pavel Vavřík, CSc.

Department of Orthopaedics of Charles University – the First Faculty of Medicine and the Motol Teaching Hospital
Appointment procedure in the field of **orthopaedics**
Scientific Board of the First Faculty of Medicine on 29 Nov 2011
Title of the lecture: Scope and limits in replacement of the knee joint

HABILITATION PROCEDURES TO APPOINT ASSOCIATE PROFESSORS PASSED IN THE SCIENTIFIC BOARD OF THE FIRST FACULTY OF MEDICINE IN 2011

MUDr. Ludmila Lipská, Ph.D.

Surgical Department of Charles University – the First Faculty of Medicine and Thomayer Teaching Hospital
Habilitation procedure in the field of: **surgery**
Scientific Board of the First Faculty of Medicine on 25 Jan 2011
Title of the lecture: Extent of lymphadenectomy in carcinoma of the pancreas
Appointed with the effect from 1 June 2011

MUDr. Tomáš Honzík, Ph.D.

Department of Paediatrics and Adolescent Medicine of Charles University – the First Faculty of Medicine and the General Teaching Hospital
Habilitation procedure in the field of: **paediatrics**
Scientific Board of the First Faculty of Medicine on 25 Jan 2011
Title of the lecture: Mitochondrial diseases with neonate manifestation
Appointed with the effect from 1 June 2011

MUDr. Petr Valášek, Ph.D.

Institute of Anatomy of Charles University – the First Faculty of Medicine School of Biological Sciences, University of Reading, Reading
Habilitation procedure in the field of: **anatomy**
Scientific Board of the First Faculty of Medicine on 31 May 2011
Title of the lecture: Development of extremity girdles
Appointed with the effect from 1 Jan 2012

MUDr. Eva Králíková, CSc.

Institute of Hygiene and Epidemiology of Charles University – the First Faculty of Medicine and the General Teaching Hospital
3rd Medical Department of Charles University – the First Faculty of Medicine and the General Teaching Hospital
Habilitation procedure in the field of: **hygiene and epidemiology**
Scientific Board of the First Faculty of Medicine on 21 June 2011
Title of the lecture: Tobacco addiction: epidemiology, prevention and treatment
Appointed with the effect from 1 Dec 2011

MUDr. Michal Vrablík, Ph.D.

3rd Medical Department of Charles University – the First Faculty of Medicine and the General Teaching Hospital
Habilitation procedure in the field of: **internal medicine**
Scientific Board of the First Faculty of Medicine on 13 Dec 2011
Title of the lecture: Genetic factors in diagnosis and therapy of primary dyslipidaemias

MUDr. Jean-Claude Mukonkole Lubanda, Ph.D.

2nd Medical Department of Charles University – the First Faculty of Medicine and the General Teaching Hospital
Habilitation procedure in the field of: **internal medicine**
Scientific Board of the First Faculty of Medicine on 13 Dec 2011
Title of the lecture: Selected aspects of care of patients with Fabry disease

MUDr. Zdeněk Beneš, CSc.

2nd Medical Department of Thomayer Teaching Hospital in Prague
Habilitation procedure in the field of: **internal medicine**
Scientific Board of the First Faculty of Medicine on 13 Dec 2011
Title of the lecture: Endoscopic cytoscopy – a new method in investigation of the digestive tract

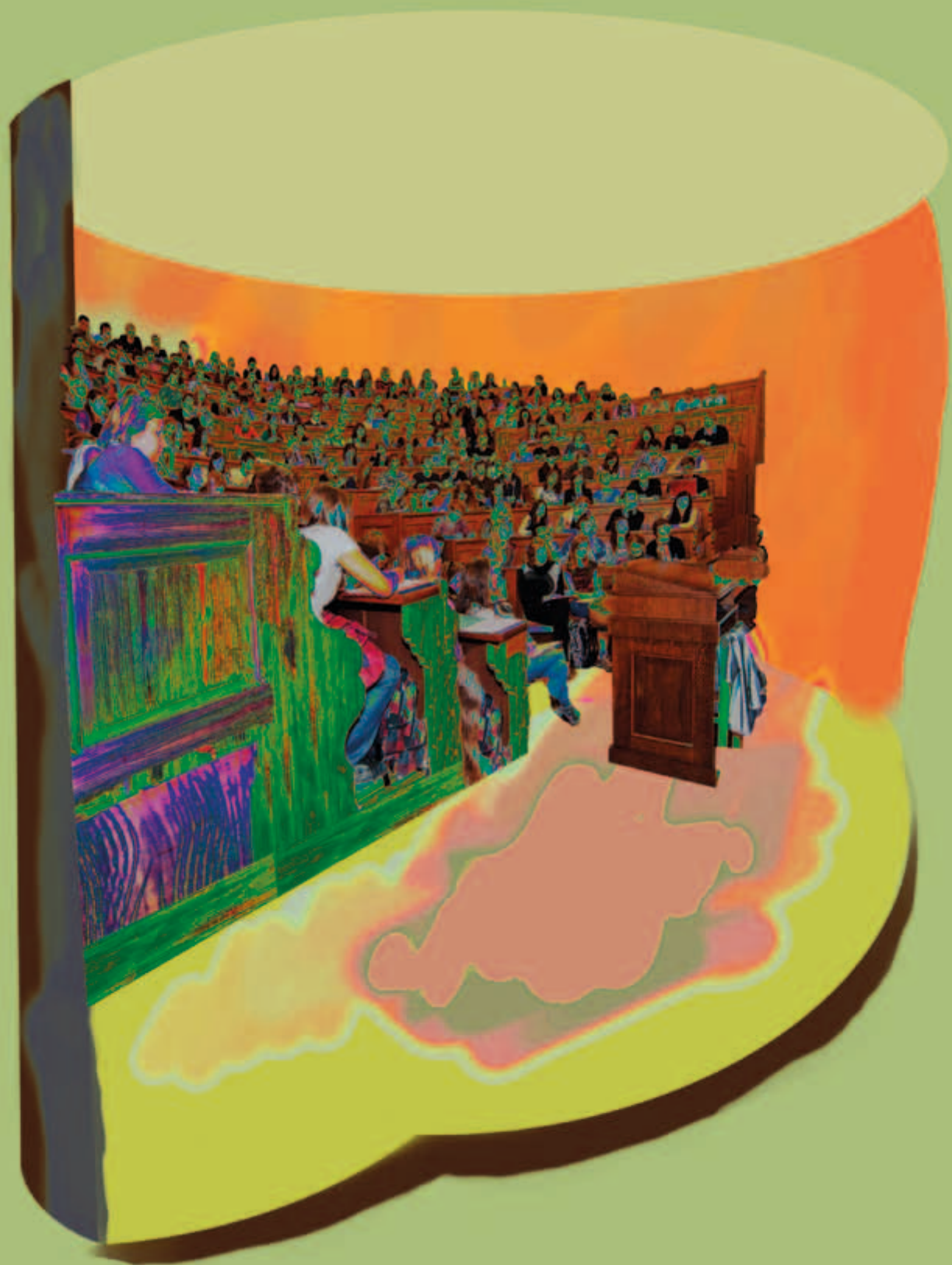
Associate professors appointed in 2011

Name, establishment	Field	Title of the thesis	Defended at Scientific Board of the Faculty	Appointed with the effect from
MUDr. Magdaléna Skořepová, CSc. Department of Dermatology and Venereology of Charles University – the First Faculty of Medicine and the General Teaching Hospital	dermatology and venereology	Dermatology in pictures	21 Sep 2010	1 Apr 2011
MUDr. Jan Živný, Ph.D. Institute of Pathological Physiology of Charles University – the First Faculty of Medicine	pathological physiology	Xenotransplantation of human cells for the study of pathophysiology of tumours and development of therapeutic procedures	14 Dec 2010	1 May 2011
MUDr. Jozef Záhumenský, Ph.D. Department of Gynaecology and Obstetrics of Charles University – the First Faculty of Medicine and the Teaching Hospital Na Bulovce	gynaecology and obstetrics	Factors influencing the quality of life of women following the childbirth	22 June 2010	1 Jan 2011
MUDr. Vilém Rohn, CSc. 2 nd Surgical Department – Department of Cardiovascular Surgery of Charles University – the First Faculty of Medicine and the General Teaching Hospital	surgery	Current problems of surgical treatment of ischaemic heart disease – thermic revascularization of the myocardium and ischaemic mitral insufficiency (survey of the issue and own results)	26 Oct 2010	1 Oct 2011
MUDr. Ludmila Lipská, Ph.D. Surgical Department of Charles University – the First Faculty of Medicine and Thomayer Teaching Hospital	surgery	Recurrence of colorectal carcinoma	25 Jan 2011	1 June 2011
MUDr. Ilja Žukov, CSc. Department of Psychiatry of Charles University – the First Faculty of Medicine and the General Teaching Hospital	psychiatry	“Criminal behaviour as a clinical disorder?” Neuropsychophysiological correlations, forensic evaluation	14 Dec 2010	1 May 2011
MUDr. Tomáš Honzík, Ph.D. Department of Paediatrics and Adolescent Medicine of Charles University – the First Faculty of Medicine and the General Teaching Hospital	paediatrics	Disturbances of mitochondrial energetic metabolism with neonatal manifestation and pitfalls in diagnosis	25 Jan 2011	1 June 2011
MUDr. et MUDr. René Foltán, Ph.D. Department of Stomatology of Charles University – the First Faculty of Medicine and the General Teaching Hospital	stomatology	Therapy of class 2 skeletal facial defects	30 Nov 2010	1 May 2011
MUDr. František Charvát, Ph.D. Radiodiagnostic Department of the Central Military Hospital	radiology	Imaging of the head	26 Oct 2010	1 May 2011
MUDr. Eva Králíková, CSc. Institute of Hygiene and Epidemiology of Charles University – the First Faculty of Medicine and the General Teaching Hospital	hygiene and epidemiology	Tobacco addiction – epidemiology, prevention and treatment	21 June 2011	1 Dec 2011

Survey of specialties to perform habilitation procedures and procedures for appointment to professor posts at the First Faculty of Medicine of Charles University and validity of their accreditations

Specialty	Right to perform habilitation procedures	Right to perform procedures to appoint professors
Anatomy, histology and embryology	until 1 Nov 2019	until 1 Nov 2019
Anesthesiology and resuscitation	until 31 May 2018	–
Cardiosurgery	until 31 May 2014	–
Clinical biochemistry	until 1 Nov 2019	until 1 Nov 2019
Dermatology and venereology	until 31 Jan 2020	until 31 Jan 2020
Forensic medicine	until 1 Nov 2019	until 1 Nov 2019
Gynaecology and obstetrics	until 18 Nov 2015	until 18 Nov 2015
History of medicine	until 31 July 2014	until 31 July 2014
Hygiene and epidemiology	until 1 Nov 2019	until 1 Nov 2019
Infectious diseases	until 31 Dec 2015	until 31 Dec 2015
Internal medicine	until 18 Nov 2015	until 18 Nov 2015
Medical biology and genetics	until 1 Nov 2019	until 1 Nov 2019
Medical biophysics	until 18 Nov 2015	until 18 Nov 2015
Medical chemistry and biochemistry	until 18 Nov 2015	until 18 Nov 2015
Medical immunology	until 1 Nov 2019	until 1 Nov 2019
Medical informatics	until 1 Nov 2019	until 1 Nov 2019
Medical mikrobiology	until 1 Nov 2019	until 1 Nov 2019
Medical pharmacology	until 1 Nov 2019	until 1 Nov 2019
Medical physiology	until 18 Nov 2015	until 18 Nov 2015
Medical psychology	until 1 Nov 2019	until 1 Nov 2019
Neurology	until 18 Nov 2015	until 18 Nov 2015
Neurosurgery	until 30 Nov 2019	until 30 Nov 2019
Occupational medicine	until 31 Dec 2015	until 31 Dec 2015
Oncology	until 1 Nov 2019	until 1 Nov 2019
Ophthalmology	until 18 Nov 2015	until 18 Nov 2015
Orthopaedics	until 18 Nov 2015	until 18 Nov 2015
Otorinolaryngology	until 1 Nov 2019	until 1 Nov 2019
Paediatrics	until 1 Nov 2019	until 1 Nov 2019
Pathological physiology	until 1 Nov 2019	until 1 Nov 2019
Pathology	until 31 Jan 2020	until 31 Jan 2016
Psychiatry	until 1 Nov 2019	until 1 Nov 2019
Radiology	until 18 Nov 2015	until 18 Nov 2015
Rehabilitation medicine	until 31 May 2018	–
Sexology	until 31 Jan 2020	until 31 Jan 2016
Stomatology	until 31 Jan 2020	until 31 Jan 2016
Surgery	until 18 Nov 2015	until 18 Nov 2015
Urology	until 31 Dec 2015	until 31 Dec 2015

EDUCATION



EDUCATION

Branches of studies

At the time, the scope of university education provided at the First Faculty of Medicine includes the following: Master degree programmes of general medicine and dentistry, Bachelor degree programmes of specialization in health care (addictology, occupational therapy, physiotherapy, general nursing, nutritional therapy) and nursing science (general nursing), as well as studies in the follow-up Master degree programmes of specialization in health care (addictology, and nursing in anaesthesiology, resuscitation and intensive care). Addictology and general nursing can be studied in the combined form of studies too.

In the fields of general medicine and dentistry, the tuition is performed in English language as well. This is provided for self-paying international students, who also take an intensive Czech language course so that they will be able to communicate with the patients in the later years of studies.



*Prof. MUDr. Jana Dušková, DrSc., MBA
Vice-Dean for Education and Dentistry*

The Faculty plays a distinctive role in post-graduate certification training as well as in supervising Ph.D. doctoral studies in co-operation with the other faculties of Charles University and the Academy of Sciences of the Czech Republic as well as with educational institutions of the Ministry of Health, and takes an extensive part at professional (pre-certification) training. The First Faculty of Medicine ranks among the founders of the Third-Age University; these studies here have been in course since 1987 without interruption.

The Faculty also assists some other faculties in education of their students and provides them with integral training in the form of courses in some subjects, including examination.

Organization of studies

The First Faculty of Medicine has met all aspects of the recommendation by the Commission of the European Union and its Commission for Medical Education. The study is divided into one-year sections, and for evaluation of the progress the system of credit points (European Credit Transfer System, ECTS) has been introduced. The studies are subject to the Rules for Organization of Studies at the First Faculty of Medicine, which were based on and approved in accordance with the Studies and Examination Regulations of Charles University, and amended in 2010. Every subject in any study programme is evaluated by a certain number of credit points, which reflects how long and difficult the study of the given subject is. To enrol into another section of studies, a student has to obtain a set number of credits – the “normal number of credit points” (the requirement is 30 per semester, or 60 per year), or – in cases specified by the Rules for organization of studies – at least the “minimum number of credit points”.

On enrolment for a section of studies, the student has the right to choose from the list of core subjects and optional subjects. However, as the education in medical and health disciplines requires special methodological approach and an appropriate order of subjects, recommended curricula have been set for each study programme, and – for enrolment in a number of subjects – requisites and prerequisites have been detailed, defining the necessity of passing certain subjects during the previous study. Nevertheless, a certain number of credit points during the whole course of studies (5 per cent for General Medicine) can be obtained by the students through passing in facultative subjects. These subjects, as offered by the Faculty, are 318 in number.

A good deal of the agenda concerning the studies is done in the electronic form

through the Student Information System (SIS) of Charles University, which serves both the students and teachers. This system enables electronic enrolment and record of subjects, dates of examination, record of marks, and also includes basic information on subjects (schedules, teachers, syllabi, lists of recommended literature, etc.). Since the academic year 2010-2011, the electronic schedule of tuition has been introduced. To settle their agenda, the students can come to the Department of Students' Affairs, as well.

The electronic support of education, such as the education portal, e-learning, WikiLectures and co-operation on Mefanet – is being systematically extended.

On a regular basis, evaluation of teaching at the Faculty by the students takes place, now in the electronic form through the SIS. Therefore the resulting information is relevant for the Faculty, and also motivating for the teachers, thereby contributing to the quality of education.

A great number of students travel abroad every year to take short-term or longer placements thanks to the Erasmus programme or the exchange of IFMSA student organization.

Catering for students – and not only for them – is the Institute of Scientific Information, including the library. Students can borrow books to study at home, or make use of the modern resource room and large computer room with access to the internet, printers, on-line search of professional literature etc.

Entrance procedures, preparation and co-operation with prospective students

For the academic year 2011–2012, new students were admitted according to the scores of written tests in physics, chemistry and biology. Some of the students were admitted to the programmes of General Medicine and Dental Medicine on the basis of excellent study results of their secondary education. The entrance procedures to Bachelor degree programmes and follow-up Master programmes were conducted in a similar way. In some of these pro-

grammes, apart from the scores of the tests (physics, chemistry, biology), also the previous experience of the field was taken into consideration, or another test was done to evaluate special knowledge of the field and – for the programme of Addictology – personal motivation and psychological competences were assessed in an interview as well.

Prior to the entrance procedure the whole set of test questions had been published, as in the years before. Using the method of random choice by a computer, tests at the presumed level of difficulty were made up out of this set of several thousands of questions immediately before the examination. The scoring and compiling the list stating the sequence of applicants according to the scores were done by a computer and the standings were announced on the website of the First Faculty of Medicine on the following day. The test of general studying ability was not used, following the results of previous analyses.

For those wishing to apply for studies, the Faculty has been providing preparatory classes in those subjects that are included in the entrance examination tests; in one of the courses the basic Latin was taught as well.

The Faculty tries to offer as much information as possible to the prospective applicants. On Saturday 8th January, the traditional Open Day took place at the Faculty, which also took part in the University's events and presented its study programmes at the Gaudeamus education fair. Another way to improve presentation of the information provided is the website for applicants.

Traditionally, the Faculty provided the lectures for students of secondary schools and professional workshops for their teachers. The lectures for students included topics such as AIDS (by Dr. Rozsypal), metabolism of iron (by Assoc. Prof. Vokurka), endocrinology (by Prof. Kršek) and cardiology (by Assoc. Prof. Malík). For secondary school teachers, two events were organized, whose topic was Neurosciences (in April), presented by specialists of the Department of Neurology of the First Faculty of Medicine and General Teaching Hospital.

Survey of the number of applicants and their results

Academic year	Branch	Number of applicants	Number of applicants examined	Enrolled out of the admitted	Limit for admission (points)	Maximum score (in theory)	Limit rate in the test	Number of appeals	Appeals out of those examined (percent)	Appeals out of those not admitted (percent)
2005–2006	General medicine	2,016	1,449	484	180	300	60 %	148	10.21 %	15.34 %
	Dentistry	513	420	42	247	300	82.33 %	76	18.10 %	20.10 %
	total	2,529	1,869	526				224	12 %	16.70 %
2006–2007	General medicine	2,575	1,506	530	172	300	57.33 %	175	11.62 %	17.93 %
	Dentistry	840	580	61	236	300	78.66 %	79	13.62 %	15.22 %
	total	3,415	2,086	591				254	12.18 %	17.00 %
2007–2008	General medicine	2,509	1,820	426	178	297	59.93 %	143	7.86 %	16.73 %
	Dentistry	821	645	53	240	297	80.80 %	57	12.25 %	10.32 %
	total	3,330	2,465	479				200	8.11 %	18.90 %
2008–2009	General medicine	2,298	1,664	491	125	240	52.08 %	156	9.38 %	11.24 %
	Dentistry	871	711	69	187	240	77.92 %	80	11.25 %	10.18 %
	total	3,169	2,375	560				236	9.94 %	10.86 %
2009–2010	General medicine	2,333	1,613	530	159	300	53 %	115	7.13 %	18.58 %
	Dentistry	871	686	83	226	300	75.33 %	65	9.48 %	10.78 %
	total	3,204	2,299	613				180	7.83 %	14.73 %
2010–2011	General medicine	2,447	1,646	539	151	300	50.33 %	139	8.44 %	23.64 %
	Dentistry	987	742	78	230	300	76.66 %	62	8.36 %	9.60 %
	total	3,434	2,388	617				201	8.42 %	16.30 %
2011–2012	General medicine	2,694	1,841	649	151	300	50.33 %	166	9.02 %	22.72 %
	Dentistry	1,124	893	72	253	300	84.33 %	62	6.94 %	7.55 %
	total	3,818	2,734	721				228	8.34 %	14.95 %

Education in general medicine

The biggest study programme at the Faculty is the study of general medicine, which takes six years. In the curriculum, the emphasis is gradually shifted from theoretical subjects over those pre-clinical to clinical training. The first three years are mainly devoted to theoretical and pre-clinical subjects. During these years the tuition is implemented according to semester schedules, including lectures, practicals, seminars, dissections and pre-clinical placements. The following three years are devoted to the clinical part of the studies and are organized in the form of the “block system”, with the aim to create some integral, self-contained parts even within particular subjects. The blocks passed are then completed with checking the progress, which is done in the forms as defined by the Studies and Examination Regulations (such as exams or credits).

The curriculum was gradually adjusted to the approved re-creditation of this study programme (2011).

Theoretical and pre-clinical studies

Theoretical and pre-clinical studies take the first three years of the study programme. In the theoretical part, the students study basic medical terminology, composition of the human body (anatomy, histology) and its function (physiology), biophysical, biochemical and biological processes at the body, cell as well as sub-cellular level. They learn about the essentials of first aid and nursing, and after the second year take a summer clinical placement focused on basic patient care. The study also includes medical information science and a foreign language. In the third year the students obtain the basic knowledge about the origin and development of morbid processes (pathology, pathophysiology,

pathobiochemistry, microbiology, introduction to immunology) as well as about the basics of clinical studies (medical and surgical propaedeutics, elementary stage in pharmacology).

In the academic year 2011–2012 the set of morphological subjects in the first year was changed; part of tuition in special histology and embryology takes part at the Institute of Anatomy.

Some units of the Faculty significantly modified their teaching in 2011, introducing new study subjects and providing new materials.

The Institute of Anatomy displays some lectures permanently on the education portal of the Faculty, on its own website as well as on the portal www.anatomina.org. Therefore, they are fully available through the internet.

The Institute of Pharmacology engaged some experts from the 3rd Medical Department, Department of Anaesthesiology, Resuscitation and Intensive Care and the pharmacy of the General Teaching Hospital in selected lectures on pharmacology.

The Institute of Physiology published a new textbook *Medical physiology* by O. Kittnar et al. at Grada Publishing in 2011.

The staff of Institute of Biology and Medical Genetics are active in e-learning projects, in particular in Wikiskripta/Wikilectures. They participate by writing new articles as well as checking and finishing other articles. Developing the interactive teaching, the team of authors created quite a number of tasks and exercises for the students to do directly on the computer. These activities include, for example, interactive inspection of a human karyotype, work with on-line biotechnological applications or wide use of the Olyvia programme for virtual microscopy (such as practicals cytogenetics and immunogenetics).

The Institute of Biochemistry and Experimental Oncology also took part in teaching medical genetics in the 4th year of studies.



Assoc. Prof. MUDr. Martin Vokurka, CSC.
Vice-Dean for Theoretical and Pre-Clinical Education

Number of undergraduate students – by 31st October 2011

Students – Czech nationals

Branch	1 st year	2 nd year	3 rd year	4 th year	5 th year	6 th year	total
General medicine	633	324	230	218	198	274	1,877
Dentistry	90	74	75	60	35		334
Nursing – full-time	17	20	16				53
Nursing – combined	41	44	53				138
Addictology – full-time	25	23	33				81
Addictology – combined	40	39	40				119
Occupational therapy	14	18	21				53
Physiotherapy	15	31	33				79
Nutritional therapy	16	21	17				54
Medical technology			9				9
Master – Nursing in anaesthesiology, resuscitation and intensive care	32	9					41
Master – Medical technology & informatics		16					16
Master – Addictology	31	23					54
Total	954	642	527	278	233	274	2,908

International students (incl. paying students)

Branch	1 st year	2 nd year	3 rd year	4 th year	5 th year	6 th year	total
General medicine	220	110	63	62	70	130	655
(+paying students)	184	92	95	83	82	77	613
Dentistry	15	11	8	9	4	-	47
(+paying students)	29	18	22	17	12	-	98
Addictology – full-time	-	5	2				7
Addictology – combined	1	1	2				4
Occupational therapy	1	-	1				2
Physiotherapy	1	5	2				8
Nursing / General nursing – full-time	3	1	4				8
Nursing / General nursing – combined	1	3	5				9
Nutritional therapy	-	-	-				-
Medical technology	-	-	2				2
Master – Nursing in anaesthesiology, resuscitation and intensive care	-	3	-				3
Master – Medical technology & informatics	-	2					2
Master – Addictology	1	-					1
Total	243	141	89	71	74	130	748
(+paying students total)	213	110	117	100	94	77	711

Number of students enrolled for the first year of studies (out of the above)

Branch	Czech	International
General medicine	489	165
Dentistry	86	12
General nursing – full-time	16	3
General nursing – combined	41	1
Addictology – full-time	25	-
Addictology – combined	38	1
Occupational therapy	14	1
Physiotherapy	15	-
Nutritional therapy	16	-
Medical technology	-	-
Master – Nursing in anaesthesiology, resuscitation and intensive care	32	-
Master – Medical technology & informatics	-	-
Master – Addictology	28	1
Total	800	184

The Institute of Biophysics and Informatics introduced some new programmes and teaching aids, and improved the environment for teaching (new PCs and data projectors) as well as for e-learning. New versions of textbooks for the subject biophysics were published (*Základy lékařské biofyziky* [Basics of medical biophysics] by J. Beneš et al. for Czech students, and *Lectures on biophysics with medical orientation* by F. Vítek for those studying in English). An up-date of teaching of medical biophysics and practicals in biophysics was done. Thanks to the Fund of Development of Schools of Higher Education, practicals in medical biophysics could be updated (the Sonoline ultrasound scanner for ultrasound imaging on a model as well as own body, stationary bike dynamometer for simulation of workload, spirometry, blood pressure measurement, LIBRA SH spectrophotometer, oxymetry and ECG, thermometer for remote measurement of skin temperature, electrodiagnostic appliance for measurement of the I/t curve, PC sets including printers for digital processing of the recorded measurements that enable students to record the readings immediately in the protocols in electronic form).

The Institute for History of Medicine and Foreign Languages again updated the content of language teaching. After the new, third edition of *English for medical students*, published in 2010, also the first volume of *English for nursing and paramedical professions*, designed for Bachelor programmes, was updated in the second edition, while the second volume is ready to be printed in 2012. The teaching of Basic medical terminology for Bachelor programmes was complemented with some new elements of e-learning, in particular in the combined form of studies.

The Institute of Immunology and Microbiology introduced the new subject Laboratory methods in immunology and organized

the translation of the book Carey R.B., Schuster M.G., McGowan K.L.: *Medical microbiology in clinical cases*. Triton, 328 pp., Prague 2011. ISBN: 978-80-7387-480-3.

The Institute of Medical Biochemistry and Laboratory Medicine continued the work on the project of e-clinical biochemistry – innovated interactive teaching through e-learning, which is a project registered by the Ministry of Education, Youth and Sports of the Czech Republic (number C. Z. 1.07/2.2.00/15.0048) and supported by a grant of the European Social Fund in the Czech Republic (ESF-EU). Texts were created for particular chapters of the prospective interactive textbook for medical students; the staff also participated in evaluation of other e-learning materials. Within e-learning, presentations on *Viral hepatitis B* and *Infuenza viruses* were made.

The Institute of Nursing Theory and Practice widened the portfolio of e-learning programmes, in particular for Bachelor study programmes.

Clinical teaching

Throughout the past year again, the basic principle of all educational aspirations in the sphere of clinical training at our Faculty was the idea of a top-level, friendly and open school.

Now it goes without saying that such principles apply as fewer students per teacher in bedside clinical placements, more practical training, fewer lectures, interactive seminars, premises equipped with simulators etc.

At the Department of Gynaecology and Obstetrics, simulators of obstetrical examination, catheterization of females and basic laparoscopy were obtained. New rooms for practical training on models and computers were equipped, a new lecture room was



Assoc. Prof. PhDr. Michal Miovský, PhD.
Vice-Dean for Non-Medical Study Programmes

established, and the room for students' autonomous activities was refurbished and given the conveniences and tea-making facilities.

At the 1st Surgical Department in the General Teaching Hospital, the building has been undergoing continuous reconstruction, which includes a complete upgrade of the premises, furnishing and equipment. For training of students, modern operating theatres are available as well as a top-grade intensive care unit.

At the Department of Paediatrics and Adolescent Medicine, e-learning presentations of an educational programme in paediatric rheumatology for non-medical specialists and physicians in specialist training were created under the OPPA Adaptability Prague Programme (2008-2011) as well as printed materials for specializing core training in paediatric rheumatology for doctors, therapists, nurses and psychologists.

At the Department of Infectious and Tropical Diseases, the First Faculty of Medicine obtained accreditation of the compulsory subject Novelties in infection medicine for specializing core training of physicians.

In the building of the Department of Rehabilitation Medicine, a new teaching room on the ground floor was opened, equipped with educational aids and the buildings of the Department of Rehabilitation Medicine and the Institute of Physiology were connected with a passageway adapted for wheelchairs. The Department of Rehabilitation Medicine participates in multi-faculty education together with the Faculty of Physical Culture and Sport of Charles University, and in multi-university education together with the Faculty of Electrical Engineering of the Czech Technical University, University of South Bohemia and the Medical Faculty of Palacký University in Olomouc.

At the Department of Otorhinolaryngology and Head and Neck Surgery at the Teaching Hospital Motol, they continue running the credit system, where particular parts of training are allotted specific numbers of credit points reflecting their importance. The system is being modified further. Within the subject, students can choose more theoretical or more practical tuition, depending on their interests.

At the Department of Orthopaedics of the Institute of Further Education in Health, the First Faculty of Medicine and Teaching Hospital Na Bulovce, medical students get the chance to come optionally to the outpatient accident clinic and take part in patient care in round-the-clock service as well as in surgeries of these patients.

At the Department of Psychiatry, web pages with an open access were created that contain study materials for the subject Psychosocial development and presentations of lectures on psychiatry for the 5th year students of the First Faculty of Medicine. The lectures are complemented with the reference to the knowledge test based on the data base of questions and answers used on examination.

At the Department of Radiodiagnostics at the Teaching Hospital Na Bulovce, the management of primary malignant diseases and metastases in some organs by means of radiofrequency ablation was extended, and students are currently introduced to the new methods as well.

The staff of the Institute of Biology and Medical Genetics take an active role in e-learning projects, particularly in Wikiskripta/Wikilectures. These activities include, for example, interactive inspection of a human karyotype, work with on-line biotechnological applications or wide use of the Olyvia programme for vir-



*Prof. MUDr. Tomáš Hanuš, DrSc.
Vice-Dean for Clinical Education and Postgraduate Studies*

Number of students (by 31st October of the respective year)

Number of students: Czech / international (incl. paying students)	2005	2006	2007	2008	2009	2010	2011
General medicine	1,558/916 (242)	1,479/1,016 (267)	1,615/1,037 (331)	1,447/1,051 (352)	1,641/1,001 (433)	1,661/1,156 (550)	1,877/1,268 (613)
Stomatology / Dentistry	243/43 (11)	192/106 (29)	259/81 (46)	260/35 (57)	297/112 (74)	293/127 (90)	334/145 (98)
General nursing – full-time	66/2	65	73/2	67/2	58/8	53/9	53/8
General nursing – combined	109/21	125/23	92/15	62/15	82/3	119/5	138/9
Addictology – full-time	–	37/1	68/0	82/0	89/1	88/3	81/7
Addictology – combined	–	–	–	–	42/3	112/9	119/4
Occupational therapy	91/3	87/5	92/6	64/6	74/3	58/4	53/2
Physiotherapy	77/6	114/17	110/26	91/26	88/23	81/25	79/8
Nutritional therapy	–	–	–	–	18	44/8	54
Medical technology	61/3	60/7	56/12	46/12	47/3	18/1	9/2
Master – Nursing in anaesthesiology, resuscitation and intensive care	–	–	–	–	59/9	39	9/3 32
Health teaching for secondary schools	69	92/1	58/1	11/1	2	–	–
Master – Medical technology & informatics	40/1	28/1	46/0	48/0	52/5	40/0	16/2
Master – Addictology						27/0	54/1

tual microscopy (such as practicals cytogenetics and immunogenetics).

At the Institute of Immunology and Microbiology, the new optional subject Laboratory methods in immunology was included in lectures.

The Institute of Medical Biochemistry and Laboratory Medicine transferred the subject Clinical biochemistry for medical students to the sixth year of studies from the academic year 2011–2012 on.

At the Department of Oncology at the General Teaching Hospital, the project of edition of Standards for postgraduate education in oncology: pathway to higher quality and better access to labour market for graduates of medical faculties, which was printed in 2012. The project was supported by the European Social Fund under the Adaptability Prague Programme (priority axis 3: Upgrading undergraduate education).

In the competition for the best electronic study material at the First Faculty of Medicine in 2011-2011, the portals Hygiene and epidemiology of the Institute of Hygiene and Epidemiology placed first in the students' category and second in the teachers' category.

Due to the closing of the ward of the Department of Occupational Medicine in June 2011, the bedside training of students at 1 Na Bojišti was ended, and now it is replaced at the clinic of the Department of Occupational Medicine.

At the Institute of General Medicine, a module of visiting the general practitioner at the workplace and visiting the patients at their homes. Further, training in the practical skill classroom was started, with models and a model consulting room with top-level equipment available. The two-week practical training in the 6th year of studies takes place at general practices. The theoretical background for the placements is provided by an electronic lecture with access from our web pages. This lecture is also available to all other institutes in the field at medical schools.

At the Department of Urology, a model urological examining room for students of general medicine was opened as well.

Studies of dentistry

Like in the years before, the interest to enter the studies was enormous; for years the relative number of applicants for these studies is the highest of all the programmes and branches provided at the First Faculty of Medicine. With 1,124 applications mailed in,

admitted to study were 97 most successful applicants and another 20 enrolled for the studies in English.

Tuition of pre-clinical dental disciplines takes place in simulator classrooms and clinical teaching in the rooms at the premises of the Department of Stomatology, both at 32 Kateřinská and in the buildings of the General Teaching Hospital.

In the manikin classroom at the Polyclinic in Charles Square, an intraoral camera was installed for training in preparations on both resin and human teeth, and so were desktop operating microscopes to check on the quality of the students' work and to demonstrate the procedures taught.

In 2010, we managed to make the tuition of dental subjects significantly more efficient, as finance of development projects was used to equip the training rooms with mobile manikin heads for universal adjustment to a dentist set. These simulators enable the training of practical skills in tuition of surgical, restorative, prosthetic and periodontic dentistry under conditions that are very close to real patient care. To enable training in extraction of fractured roots, a surgical dental unit was installed in the classroom (including the drilling machine for bone surgery).

Thanks to this equipment, practical therapeutic procedures can be made as efficient as possible, both in the first practical lessons and at those times when a sufficient number of co-operative patients is not available.

Another factor contributing to reaching a higher quality of dental education was equipping the section of restorative dentistry with new technology, enabling to proceed in accord with innovated procedures and techniques when teaching the treatment of the dental root system. Also worthwhile is the use of operation microscopes and magnifying spectacles. Thanks to these aids, all conditions are met for inclusion of minimum invasive procedures in the treatment techniques taught, and another optional subject could be launched to introduce the students into modern preventive care procedures (Basic minimum invasive and microscopy techniques of treatment).

From the finance of the development project, the equipment for 3D imaging methods in dentistry was purchased as well. The scope of modern radiography will upgrade the quality of differential diagnosis of dental conditions as well as the following therapeutic procedures. Apart from clinical teaching of the dental sub-

jects, the 3D CBCT records will be used in tuition of the subject Clinical orofacial anatomy.

Tuition in theoretical subjects as well as in those of general medical nature was implemented to the same extent as in the past years.

In 2010 again quite a number of students of Dentistry travelled to Germany, Sweden, Finland, Italy and Spain. to take part in the student exchange stays at co-operating schools.

International students

The education of self-paying international students represents, on one hand, a considerable source of finance for the Faculty but – above all – it is the symbol of the fact that the University opened to the world after 1989. The more than fifteen years' experience in teaching in English language has proved the correctness of the policy. Moreover, the admission of the Czech Republic to the European Union (1st May 2004) facilitated the recognition of diplomas and students' visas within EU, which increased the attractiveness of English-taught programmes in medicine and dentistry. The growing number of those interested in the studies as well as those actually studying at the Faculty is documented in the charts and diagrams below. Tuition in English is also important for the programmes of international exchange. This has lately been reflected in the increased number of students coming from abroad

within Erasmus and Socrates programmes. The reason is that tuition in English enables them to take a part of their studies at our Faculty, which – in turn – contributes to the prestige of the First Faculty of Medicine abroad and also increases the number of students in Czech classes who can travel abroad within the programmes of international exchange and experience some part of their studies at a foreign university. On the other hand, however pleasing the number of applicants for an exchange stay at the Faculty is, it has already achieved such a level that it requires some regulation in case it exceeds our teaching capacities, particularly at clinical units.

The proportion of our full-time students coming from particular continents is visualised in the enclosed diagrams and in the chart. An overwhelming majority are students from European countries, whose number has dramatically increased thanks to the Faculty's standing efforts aimed at drawing attention to the Faculty in EU countries, including our presentations at international events organized to highlight the possibilities of university-level education in Europe, but also – no doubt – with the above mentioned admission of the Czech Republic to EU. Another crucial change in the composition of the English-taught parallel class, however, is the continuous increase in students from North America, Africa (above all thanks to the agreement with the Ministry of Education of Botswana), and since 2006 from Asia as well, particularly from Malaysia but recently from India and Taiwan as well. This is, after all, in accord with the policy of the management of the Faculty to focus more on non-European students in future.

Also the last year's entrance exams held in Kuala Lumpur in April 2011, and in particular the presence of more than 30 applicants, proved the considerable interest in medical studies at our Faculty and clearly indicated that the said region is potentially an outstanding market in the sphere of education. The attractiveness of the Faculty for that region could be further promoted by recognition of our diplomas recognized to those issued for the field of Dentistry, which is the objective of the Faculty in current negotiations with the Malaysian Ministry of Health.

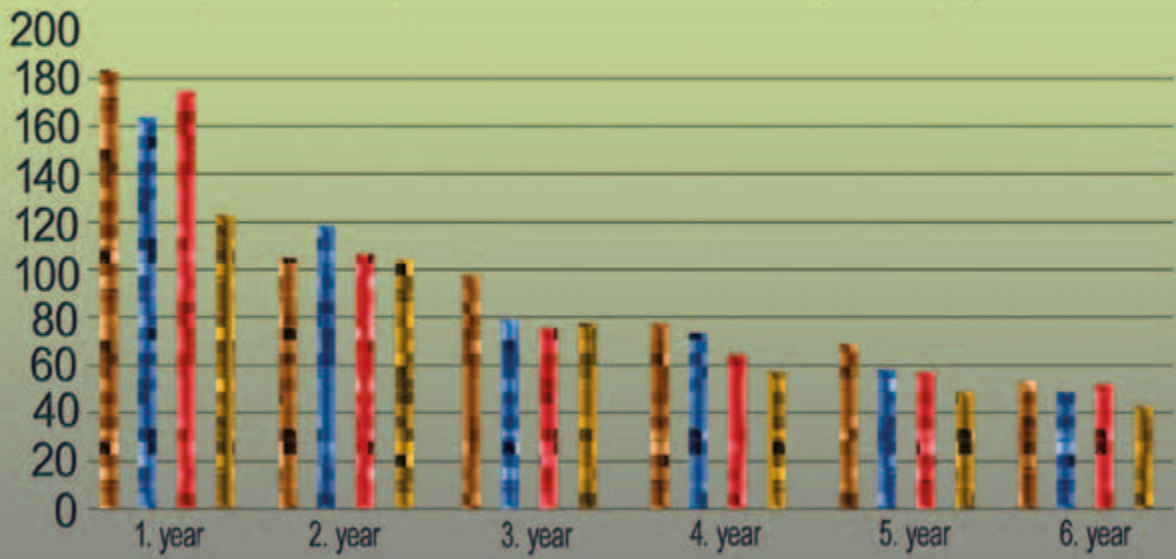
The main issue connected with the self-paying international students that the Faculty has been concerned with in the past years is the problem of quality, both of the educational process itself and of the students, who – in future – will give the picture of the quality of the education at the Faculty. This, again, is connected with the above mentioned higher number of those interested in the studies at the Faculty and the better choice from the prospective students.

In 2011, the First Faculty of Medicine continued the long-established tradition of visits organized for potential students and their parents, within the Open Days of English-taught study programmes. Another tradition we continued was the extra Open Day in spring for those students who take part in the preparatory course for our Faculty's entrance interviews, which was held in Great Britain.

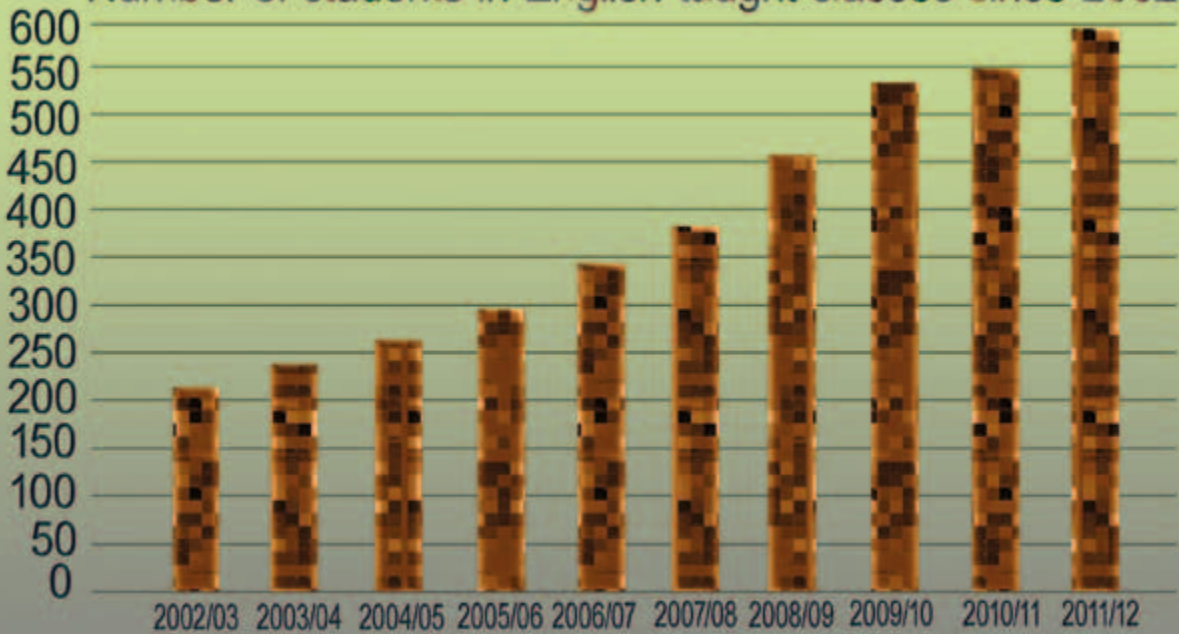


*Prof. MUDr. Otomar Kittnar, CSc., MBA
Vice-Dean for International Students and Social Affairs*

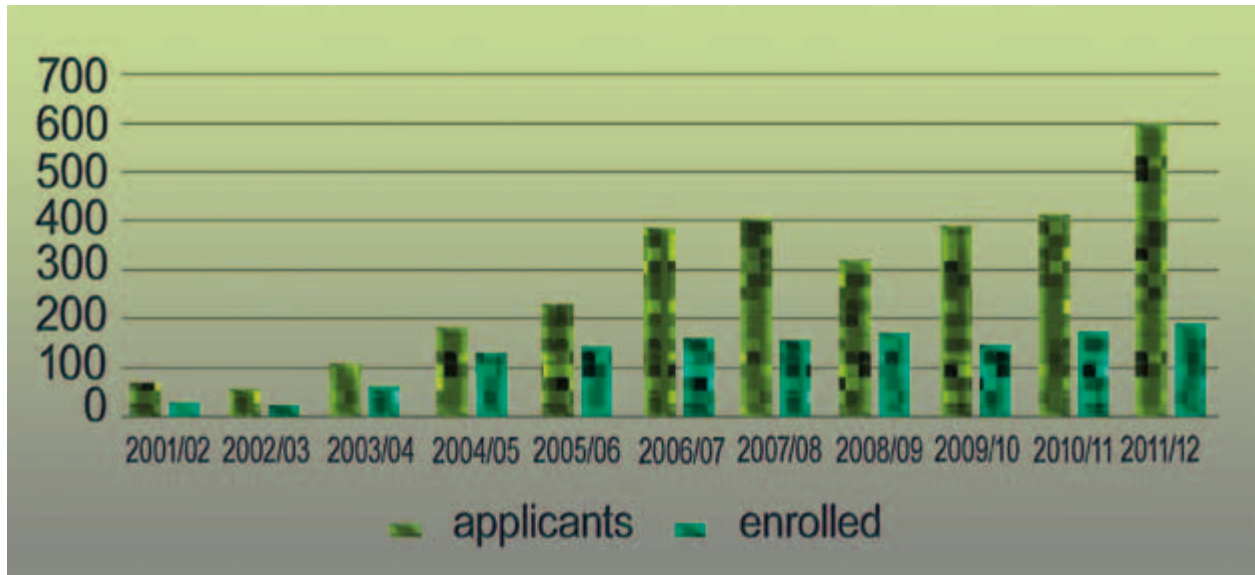
Development in the number of international students in particular years of studies in the past 4 years



Number of students in English-taught classes since 2002



Comparison of numbers of applicants for admission to the studies of medicine and numbers of international paying students enrolled for the 1st year in the past 10 years



Press conference on the occasion of the 2011 Neurology Week.

Like in the Czech-taught classes, education in the five-year programme of dentistry has also been provided in English for seven years. This programme gradually replaces the former six-year programme of stomatology. This change is of much importance from the point of view of international students, mainly because of recognition of our diplomas in the field of dentistry, and – logically – boosts the interest in this programme of studies among international students.

Another important step was the establishment of an own organization of international self-paying students in 2001, which is in close contact with both Czech students' activities and the Faculty management. In 2011 this organization further developed its activities, including the publication of its proceedings at the website of the Faculty, and widened its scope in terms of social problems of international students. Last year the organization got a room to use as an office and meeting venue. Further, the students' organization prepared several own events, including the International Medical Students' Ball. Also co-operation between the students' organization and the Department of Students' Affairs expanded, which considerably enhances the quality of our presentations abroad and facilitates the start of studies for the fresh first-year students, when more experienced colleagues come to their assistance and help them to get oriented at the Faculty in the first days of the term. Moreover, they set up a consulting board for the first year students to assist them throughout the academic year in orientation to the system of studies as well as to cultural differences between their home countries and the Czech Republic. The board issued a special brochure for the fresh students as a permanent aid in these problems.

Education in non-medical health care fields

For non-medical health care fields at the First Faculty of Medicine, 2011 was the year marked with the finish of implementation of the two-year project focused on stabilization and preparation of gradual restructuring of study programmes in the following several years. The Bachelor degree programmes experienced a revision, including their common stem subjects, and their number and capacity are stabilized in the long-term aspect, with the focus on promotion of quality of teaching, with practical training emphasised. On the other hand, in terms of development the emphasis is on preparation and development of Master degree programmes, and in the long-term prospect, also on postgraduate education. The Faculty is on the way to gradual creation of complex, self-contained programmes in the fields of priority importance at all basic levels of college education with the greatest emphasis on quality and interconnection with research rather than on promotion of further diversification meaning launching of new study programmes. At the stage of finalization is the new Bachelor degree programme of Midwifery, planned to be launched in the academic year 2013–2014 in collaboration with the nursing college in Prague 4. The focus on interconnection of education and scientific research activities in non-medical educational programmes became one of the key aspects in 2011, which will be reflected in the project of the medium-term concept of these programmes at the Faculty.

Something like a milestone was the follow-up Master degree programme of Nursing in anaesthesiology, resuscitation and intensive care. Here successful re-accreditation was achieved and so this field, meeting a great demand, underwent some modification to offer top quality education based on varied and highly professional clinical back-up and work of an experienced team. Similarly, modification of the Bachelor degree programme of Nutritional therapy was finished successfully under the expert supervision of the team of our 3rd Medical Department, which in 2011 managed to finish the complete process of re-accreditation for the full-time form of studies and in 2012 is about to complete the same task

for the combined form of studies as well. In the programmes of Occupational Therapy and Physiotherapy the stress was on deepening of the practical training and the quality of education in general, like in the Bachelor degree programmes of Nursing and Addictology. In the field of Addictology, the accreditation of the programme at the Bachelor level was successfully defended for both full-time and combined form of studies. As the first non-medical specialty in the history of the Faculty, Addictology developed and in December 2011 submitted the accreditation project for a doctoral (PhD) study programme, which – if accepted – may herald the said shift in the concept of education, marked with the emphasis on the higher levels of education and interconnection with research in the whole segment of these branches at the Faculty.

Number of students in Bachelor and follow-up Master degree programmes in the academic year 2010–2011

Bachelor programmes	Number of students
General Nursing – full-time	53
General Nursing – combined	138
Occupational therapy	53
Physiotherapy	79
Medical technology	9
Addictology – full-time	81
Addictology – combined	119
Nutritional Therapy	54
Bachelor programmes – total	586
Follow-up Master programmes	
Medical technology and informatics	16
Addictology – full-time	27
Intensive care	9
Master programmes – total	52
Non-medical programmes – total	638

Graduates in Bachelor degree programmes in 2010–2011

Field of studies	Number of graduates
Addictology – full-time	17
Addictology – combined	18
Occupational therapy	15
Physiotherapy	23
Nursing – full-time	12
Nursing – combined	3
Medical technology	7
total	95

Graduates in the follow-up Master degree programmes in 2010–2011

Field of studies	Number of graduates
Medical technology and informatics	30
Intensive care	25
total	55

Electronic support of tuition

With the expansion of modern technologies, the importance of computer supported tuition is growing as well. Study materials for the students of medical faculties are being enriched with electronic teaching aids. Efficient exploitation of human resources and funds is facilitated by co-ordination and co-operation enabled

by the MEFANET web. The other participants are all Czech and Slovak medical schools as well as some other academic institutions. There are three forms (all of them reflected in the structure of MEFANET) of electronic support of tuition:

- Common e-publishing platform designed particularly for complex, reviewed texts – portal.mefanet.cz
- System for tuition management – LMS moodle.mefanet.cz
- Shared space for creation and publication of study materials based on the web 2.0 WikiSkripta – www.wikiskripta.eu.

Co-operation in development of WikiSkripta/WikiLectures

In the development of electronic support of tuition, the First Faculty of Medicine is one of the leaders in the Czech Republic. It supports all of the above platforms, and in particular WikiSkripta/WikiLectures, which are – with more than 10,000 visits per day – the most frequented web to support the teaching of medicine. The source of such dynamics is the extraordinary openness and accessibility of the whole system: Anyone can take part in the development, and may – in addition – get support from the editorial team. This effectively lowers the threshold of access for new authors. Thanks to co-operation of teachers and students, the exploitation of the limited resources (human and financial) gets more efficient. This saves time of the busy teachers and other experts, whose role is modified as they become – above all – guarantors of the factual correctness, balance and adequateness of the materials. The solution enhances the teachers' co-operation with students and communication between them, leading to more active involvement of students in the process of education.

In 2012, the Faculty paid a lot of attention to improvement of quality of electronic teaching materials. In WikiSkripta/WikiLectures, the declaration of review of an article by a teacher was introduced. The number of articles checked by teachers increased twice. The student editorial is conducted in the form of regular consultations, and also several weekend collective events took place to instruct the editorial teams. The Wiki-team participated in the MEFANET 2011 international conference in Brno as well.

One of the great successes is establishing co-operation with teachers and specialists of all the faculties involved. The engaged teachers not only participate in creation of new teaching materials and checking on the texts but also enhance the co-operative spirit as the students are taken (often for the first time in their lives) as real and valuable partners for the teachers.

An important event was the launching of the English version of WikiSkripta/WikiLectures, initiated by students (www.wikilectures.eu). It seems there is a scope for English-speaking students as well to realize their potential and confirm their active role in the life of the school.

WikiSkripta/WikiLectures was introduced to the participants of the international conference INTERFORUM 2011, where it was awarded the prestigious main prize (<http://www.inforum.cz/cs/infoceny>). Considerable attention was paid to the activities to promote and advertize medical electronic educational resources among the academic community of the involved medical schools.

Best electronic educational material competition

In 2011, a competition opened by the Faculty dean Prof. Tomáš Zima took place to show the best electronic educational materials, and the following were awarded as the best authors:

1. In the teachers' category, the electronic *Textbook of Radiodiagnosics* by Dr. Lukáš Lambert from the Department of Radiodiagnosics of the First Faculty of Medicine and the General Teaching Hospital won the award. The texts, created in the WikiSkripta/WikiLectures environment, are interconnected with the *Radiodiagnostic atlas* by the same author.
2. In the same category, Dr. Eva Kudlová, from the Institute of Hygiene and Epidemiology of the First Faculty of Medicine and

the General Teaching Hospital won an award for the educational materials in hygiene and epidemiology. This complex aid was created in co-operation of teachers and students.

3. Another prize was won by the set of electronic lectures and tests, compiled by Assoc. Prof. Zdeněk Fišar from the Department of Psychiatry of the First Faculty of Medicine and the General Teaching Hospital.
4. In the students' category, the development of the portal of hygiene and epidemiology was awarded a prize. For the whole student team, it was a 6th year student Petr Kajzar that took the prize.

Videoserver

In 2012, another important asset of the First Faculty of Medicine for promotion of medical education was launching a tool for safe and – at a time – user-friendly publication of confidential medical videos. This task was solved by the Faculty under the development project Cesnet through the development of the www.medicalmedia.eu service. This involves a complex device for the management, saving and directed differentiated distribution of educational multimedia materials of confidential nature. The server MedicalMedia is interconnected with the portals within the MEFANET web and available for use of other faculties.

Physiological models

The Faculty pays permanent attention to complex physiological models and their use in education as well. On the occasion of the MEFANET 2011 international conference in Brno, the lecture on integrated models of physiological systems was presented by Assoc. Prof. Jiří Kofránek and favourably received by both Czech and international specialists.

Specialty training of doctors and dentists

On 27th September 2011, a public agreement was made between Charles University in Prague and the Ministry of Health of the Czech Republic to transfer the responsibility for postgraduate training in 39 basic medical specialties and 3 dental specialties from the Institute of Further Education in Health to medical schools.

This transfer mainly concerns the listing for specialist training, acknowledgement of experience in another field, issuing the certificates, and above all, organization and co-ordination of specialist exams and compulsory pre-exam courses.

To organize the said process, particular governing bodies were established, constituted by representatives of particular medical faculties. These bodies are:

- Co-ordinating Council for Specialty Training, composed of representatives/vice-deans of the seven involved medical schools (all medical faculties of Charles University plus the medical faculties of Palacký University in Olomouc and Masaryk University in Brno)
- Specialty Field Boards, composed of expert guarantors of the respective fields at all the medical schools

In the first year of the new system of specialist training, it was the First Faculty of Medicine that was chosen as the co-ordinating school for the said activities. Prof. Aleš Linhart was elected the chairman of the Co-ordinating Council for Specialty Training.

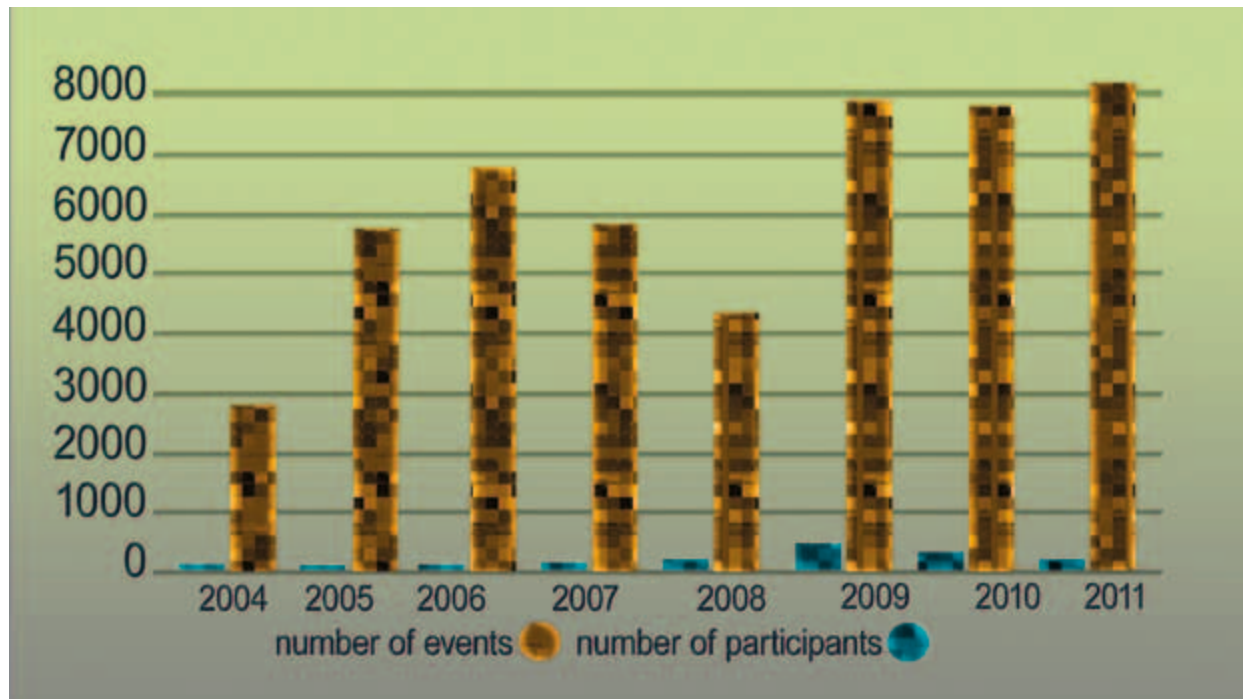
At the First Faculty of Medicine, the Department of Specialist and Life-long Education was established to provide for this training for doctors and dentists in co-operation with the guarantors at particular clinical departments and institutes. The head of this department is Dr. Jana Krejčíková.

The offer of the compulsory educative events, which are prerequisites for enrolment for the specialist exam, has seen some changes. From the beginning of 2012 on, also medical faculties will provide the educative events within the theoretical part of the

Basic specialty – doctors	Charles University in Prague, the First Faculty of Medicine
alergology and clinical immunology	prof. MUDr. Ilya Stříž, CSc.
anaesthesiology and intensive medicine	doc. MUDr. Martin Stříteský, CSc.
vascular surgery	prof. MUDr. Jaroslav Lindner, CSc.
dermatology and venereology	prof. MUDr. Jiří Štork, CSc.
paediatric surgery	–
paediatric medicine	prof. MUDr. Jiří Zeman, DrSc.
diabetology and endocrinology	prof. MUDr. Štěpán Svačina, DrSc., MBA
gastroenterology	prof. MUDr. Miroslav Zavoral, Ph.D.
geriatrics	prof. MUDr. Eva Topinková, CSc.
gynaecology and obstetrics	prof. MUDr. Alois Martan, DrSc.
haematology and transfusion medicine	doc. MUDr. Jaroslav Čermák, CSc.
hygiene and epidemiology	doc. MUDr. Milan Tuček, CSc.
surgery	prof. MUDr. Zdeněk Krška, CSc.
infectious diseases	prof. MUDr. Michal Holub, Ph.D.
cardiosurgery	prof. MUDr. Jaroslav Lindner, CSc.
cardiology	prof. MUDr. Aleš Linhart, DrSc.
clinical biochemistry	prof. MUDr. Tomáš Zima, DrSc., MBA
clinical oncology	prof. MUDr. Luboš Petruželka, CSc.
medical genetics	doc. MUDr. Milada Kohoutová, CSc.
medical microbiology	prof. RNDr. Libuše Kolářová, CSc.
nephrology	prof. MUDr. Vladimír Tesař, DrSc., MBA
neurosurgery	prof. MUDr. Vladimír Beneš, DrSc.
neurology	prof. MUDr. Evžen Růžička, DrSc.
nuclear medicine	MUDr. Jozef Kubinyi, Ph.D.
ophthalmology	doc. MUDr. Bohdana Kalvodová, CSc.
orthopaedics	prof. MUDr. Pavel Dungal, DrSc.
otorhinolaryngology (ENT)	prof. MUDr. Jan Betka, DrSc.
pathology	prof. MUDr. Ctibor Povýšil, DrSc.
plastic surgery	doc. MUDr. Jan Měšťák, CSc.
pneumology and phtiseology	prof. MUDr. Jiří Homolka, DrSc.
psychiatry	prof. MUDr. Jiří Raboch, DrSc.
radiation oncology	prof. MUDr. Karel Odrážka, Ph.D.
radiology and imaging techniques	prof. MUDr. Jan Daneš, CSc.
rehabilitation and physical medicine	doc. MUDr. Olga Švestková, Ph.D.
forensic medicine	prof. MUDr. Přemysl Strejc, DrSc.
rheumatology	prof. MUDr. Karel Pavelka, DrSc.
traumatology	prof. MUDr. Miroslav Zeman, DrSc.
urology	prof. MUDr. Tomáš Hanuš, DrSc.
internal medicine	prof. MUDr. Aleš Žák, DrSc.
Basic specialty – dentists	
oral and maxillofacial surgery	prof. MUDr. Jiří Mazánek, DrSc.
orthodontics	MUDr. Jiří Petr
clinical dentistry	prof. MUDr. Jana Dušková, DrSc., MBA

Survey of courses and seminars provided at the First Faculty of Medicine in 2011

	Courses/seminars of life-long education – doctors	Courses/seminars of life-long education – non-medical staff	Courses in collaboration with pharmaceutical companies	Total
number of events	71	1	56	128
number of persons	1,961	26	5,103	7,090



Alumni of the First Faculty of Medicine

Field of study	2005–2006	2006–2007	2007–2008	2008–2009	2009–2010	2010–2011
General medicine	205	242	306	297	264	288
Stomatology / Dentistry	31	41	22	99	58	48
Nursing	47	46	55	52	20	15
Occupational therapy	16	20	22	20	13	15
Physiotherapy	16	40	27	32	25	23
Addictology	-	-	13	25	16	35
Medical technology	14	15	17	11	10	7
Nutritional therapy	-	-	-	-	-	11
Medical technology and informatics	6	12	13	13	16	30
Intensive care	-	-	-	34	28	25
Health teaching for secondary schools	26	48	8	1	-	-
English parallel class – General medicine	16	20	17	27	44	39
English parallel class – Stomatology / Dentistry	-	1	-	7	16	9
Total	377	485	500	618	510	545

programme of training, i.e. the compulsory specialist courses, which are prerequisites for completion of the core stem or pre-exam courses. Compulsory pre-exam specialist placements, which are clinical training in their nature, are now provided by accredited health care facilities.

To provide comprehensive information for prospective applicants, web pages were created within the portal of the First Faculty of Medicine called (<http://www.lf1.cuni.cz/specializacni-vzdelavani>). Guarantors for particular fields were appointed by the Dean – the survey of the specialties and their guarantors is shown in the chart.

Information on life-long education of physicians in 2011

The recently established Department of Specialist and Life-long Education at the First Faculty of Medicine of Charles University has followed the direction of the previous Department for Further Education of Medical Doctors and provided organizing support for 71 courses of life-long education for 1,961 doctors, including clinical seminars at the departments and institutes of the Faculty, one course of life-long education for non-medical health professionals with 26 participants and further, in collaboration with pharmaceutical companies, 56 educational events for 5,103 physicians of various profiles. Altogether, 128 courses and seminars were prepared by the Department for 7,090 participants. In accordance with the Professional Regulation 16 of the Czech Medical Chamber, participants of the above courses obtained the respective number of credit points for the events they had attended; the credits were given by the First Faculty of Medicine, which had become a member of the Association of Life-long Education of the Czech Medical Chamber.

Third-age University at the First Faculty of Medicine – organization and course of tuition

In 2011, tuition for the 2nd year of studies (summer semester) of the third-age university went on, which was for the 24th time, and for the 25th time tuition for the 1st year of studies (winter semester) started. The course is arranged in two years (4 semesters) with a stable programme of lectures: Biology 1 and 2 (1st year), and Biological principles of care of health 1 and 2 (2nd year). Concurrently, education took place in the so-called Club of Third-age University Alumni, weekly attended by mature students who had passed the basic two-year course and were offered another series of lectures by the Faculty.

At the Third-age University education is not the goal but rather means of mental activation of an elderly human, providing an alternative life programme for the age of retirement. The basic two-year course is based on medical theory, appended with some facts that are new or add variety, guidelines for prevention and also history of medicine. The Faculty is represented in the national Third-age University Association of the Czech Republic, which in turn is member of the international Third-age University Association.

Tuition for the third-age university at the First Faculty of Medicine took two hours per week for either year of studies according to the programme published in the Faculty's *List of Lectures* book. For the Club of Alumni, a cycle of lectures was organized in the summer semester in co-operation with the Department of Psychiatry on the topic *What most influences the human's psychology at the present*, and in the winter semester the cycle of lectures *Dentition and health: selected chapters of 21st century dentistry* by the Department of Stomatology. The teachers for all three groups were mainly Heads of the respective units or most experienced staff members of these departments and institutes. The lectures met a great response from the students. The number of students in either year of studies was about sixty, which is the limit given by the size of the lecture room at the Institute of

Nuclear Medicine. Lectures for the Club of Alumni were given in the lecture hall of the Department of Psychiatry and was regularly attended by about 110 students. Both said clinical departments have been very helpful and did their best for the third-age university, which deserves special thanks.

The ceremony to close the 2nd year of studies and award the certificates of the third-age university courses took place at the Karolinum on 10th June 2011, at the presence of the Dean and many teachers of the Faculty.

Other activities of the Faculty

Quite a number of events to inform the public of the Faculty (such as Open Day of the Faculty, Information Day of the University, and European fairs of higher and life-long education Gaudeamus in Prague and Brno) were organized. In 2011, the Faculty acknowledged university-level education according to international agreements in 302 cases, which means a 140% increase compared to 2010 and a 200% increase compared to 2009.

Co-operation with other faculties and universities in the sphere of education

The Faculty has signed formal contracts of providing some parts of tuition programme with the following:

Faculty of Education, Charles University in Prague

For the 1st to 3rd years of the programme of Special Pedagogy, 340 lessons are taught by our teachers (Institute of Physiology, Institute of Foreign Languages, Department of Rehabilitation Medicine, Department of Phoniatrics, Department of Neurology). The Institute of Biology and Medical Genetics teaches the subject Clinical genetics in the programme of Special Pedagogy.

The Faculty of Education provides tuition for 1st to 3rd year students of the First Faculty of Medicine in the Bachelor degree programmes of Occupational Therapy, Physiotherapy and Medical Technology.

Faculty of Philosophy and Arts, Charles University in Prague

The tuition in question is for the 5th year full-time students and 4th to 6th year students in the combined programme of Patient Care. The following are engaged in the teaching: Institute of Nursing Theory and Practice, 3rd Medical Department – Clinical Department of Endocrinology and Metabolism, 2nd Surgical Department – Clinical Department of Cardiovascular Surgery, Department of Paediatrics and Adolescent Medicine, Department of Psychiatry, Institute of Pathology, Department of Gynaecology and Obstetrics. Further, the Faculty of Philosophy and Arts is our partner in developing a module of the admission procedure to test general studying abilities.

Second Faculty of Medicine, Charles University in Prague

The Department of Occupational Diseases provides clinical placements for the Medical Department of the Second Faculty of Medicine, and takes part in examining at Rigorous State Examinations.

Faculty of Science, Charles University in Prague

The Institute of Forensic Medicine and Toxicology teaches the subject Analytic Toxicology for the Bachelor degree programme Clinical and Toxicological Analysis.

Histology is taught for one term for the programme of Parasitology. The Institute of Biology and Medical Genetics teaches the subject Human genetics.

The Faculty of Science teaches the subject Parasitology for Foreign Students for our Faculty.

Czech Technical University in Prague (ČVUT)

Two teachers are engaged in tuition of students in Bachelor degree programmes, teaching following subjects in the second year of the follow up Master degree programme Medical Technology and Informatics:

Imaging techniques 2, Aggregation of data for decision-making, Technical aspects of medical appliances 2.

They take part in the Final State Examination.

Institute of Chemical Technology (VŠChT) in Prague

Tuition of the subjects Chemistry of foods and Food merchandise in the Bachelor degree programme of Nutritional Therapy is provided by a teacher from VŠChT.

The First Faculty of Medicine takes part in tuition of the subject Analytic Toxicology, which was introduced at this university-level college by the teachers of the Institute of Forensic Medicine and

Toxicology in 1995, within a grant project of the Fund of Development of Universities. In teaching the facultative subject of Analytic Toxicology, VŠChT teachers participate. The teachers of the Institute of Clinical Biochemistry and Laboratory Medicine teach the students of the College on a long-term basis as well. The Institute of Biology and Medical Genetics teaches the subject Human biology at the Faculty of Chemical Technology – Institute of Organic Technology.

Since the academic year 2003–2004, participation of teachers of the First Faculty of Medicine in tuition within the European Bachelor degree programme at University of Perugia (in the subjects Biochemistry, Biophysics and Bioinformatics) has widened. For the first time, the students of the First Faculty of Medicine started studying in this programme as well.

*Prof. MUDr. Jana Dušková, DrSc.
Vice-Dean for Education and Dentistry*

*Assoc. Prof. MUDr. Martin Vokurka, CSc.
Vice-Dean for Theoretical and Pre-Clinical Education*

*Assoc. Prof. PhDr. Michal Miouský, PhD.
Vice-Dean for Non-Medical Study Programmes*

*Prof. MUDr. Radomír Čihák, DrSc.
expert supervisor of Third-age University at the Faculty*

*Prof. MUDr. Tomáš Hanuš, DrSc.
Vice-Dean for Clinical Education and Postgraduate Studies*

*Prof. MUDr. Otomar Kittnar, CSc., MBA
Vice-Dean for International Students and Social Affairs*

*Prof. MUDr. Aleš Linhart, DrSc.
Vice-Dean for external relations*

*Prof. MUDr. Stanislav Štípek, DrSc.
member of the Dean's Board, in charge of e-learning*

GRADUATES OF CHARLES UNIVERSITY – THE FIRST FACULTY OF MEDICINE IN PRAGUE IN 2011

(Surname and first name, place of birth)

Graduation ceremony on 15th April 2011 at 10.30 a.m.

In the Master degree programme of General medicine, the following completed their studies with honours:

Fikrle Michal, Pelhřimov
Soška Radek, Brno

Further, in the Master degree programme of General medicine, the following completed their studies:

Bagaliy Alina, Krasnodar, Russia
Dědič Tomáš, Česká Lípa
Erben Ivan, Kolín
Gálová Andrea, Banská Bystrica, Slovakia
Hostašová Radka, Šternberk
Hýblová Martina, Dvůr Králové nad Labem
Ilašová Alžbeta, Levoča, Slovakia
Jeřábek Štěpán, Brno
Jiráček Jiří, Prague
Kaláb Josef, Nové Město na Moravě
Kastnerová Iveta, Prague
Kašička Martin, Prague
Kusá Kristína, Levice, Slovakia
Laštovička Jakub, Nové Město na Moravě
Líčková Eva, Chomutov
Menšík Martin, Zlín
Mikuláš Martin, České Budějovice
Nabitá Marie, Uherské Hradiště
Niederhoferová Lenka, Znojmo
Patakiová Klaudia, Prague
Pechová Aneta, Pelhřimov
Pumrllová Martina, Prague
Rarogová Júlia, Humenné, Slovakia
Sedláčková Barbora, Prague
Sedláčková Eva, Pardubice
Šmídková Pavlína, Prague
Trdlová Lenka, Jablonec nad Nisou
Vaněčková Jana, Prague
Vrňáková Romana, Prague
Zahálková Lenka, Pardubice
Zima Ondřej, Turnov
Žilková Petra, Levice, Slovakia
Žitňanská Lucie, Jeseník

Graduation ceremony on 28th July 2011 at 10.30 a.m.

In the Master degree programme of Dentistry completed her studies with honours:

Valhová Helena, České Budějovice

Further, in the Master degree programme of Dentistry the following completed their studies:

Balíková Klára, Prague
Blažková Běla, Prague
Čurdová Eva, Český Krumlov
Mgr. Gregorová Petra, Jaroměř
Hadrová Michaela, Česká Lípa
Hanzlíková Radka, Ostrava
Hanzlová Barbora, Jindřichův Hradec

Holá Jana, Liberec
Horynová Aneta, Prague
Jandourková Anna, Městec Králové
Kopecká Eliška, Chlumec nad Cidlinou
Loffayová Eliška, Dolný Kubín, Slovakia
Mayerová Linda, Kutná Hora
Pavrovský Tomáš, Příbram
Pelka Petr, Kladno
Pivodová Erika, Brno
Prokešová Kateřina, Prague
Příkryl David, Hodonín
Rubášová Kateřina, Klatovy
Sharqawi Fathi, Afola, Israel
Šípkovská Martina, Kladno
Trojková Zuzana, Ústí nad Orlicí
Ulmann Dan, Prague
Zitková Lucie, Žatec

Graduation ceremony on 28th July 2011 at 12 (noon)

In the Master degree programme of Dentistry the following completed their studies with honours :

Buchtová Tereza, Prague
Hemmerová Zuzana, České Budějovice
Menšíková Irena, Ostrava

Further, in the Master degree programme of Dentistry the following completed their studies :

Brychtová Klára, Jihlava
Dvorská Kateřina, Teplice
Foglarová Kamila, Prague
Horáková Lenka, Zlín
Chludová Radka, Litoměřice
Kecová Petra, Prague
Kompert Jakub, Prague
Kůra Luboš, Klatovy
Matoušek Václav, Slaný
Nováková Jana, Prague
Skalová Veronika, Strakonice
Štilcová Irena, Pardubice
Toušková Lucie, Písek
Vašková Zuzana, Třebíč
Vrátná Daniela, Opočno
Wienerová Jana, Prague

Graduation ceremony on 28th July 2011 at 1.30 p.m.

In the Master degree programme of General medicine, the following completed their studies:

Afxentiou Andreas, Paralimni, Cyprus
Balasingam Sadesh Kumar, Hartlepool, Great Britain
Bergner Nils, Wuppertal, Germany
Buchholz Malte M., Henstedt-Ulzburg, Germany
Dander Ruth, Karlsruhe, Germany
Farmah Reneka, Birmingham, Great Britain
Freeman Zozik, Sulymanyha, Iraq
Gandhi Prapti Jagdish, Leamington Spa, Great Britain
Ghabra Hakam Marwan, Damascus, Syria
Haffner Julia, Pawlowka, Russia
Hannoodi Faris, Baghdad, Iraq

Hummitzsch Lars Ole, Husum, Germany
 Chaudhary Khyzer, Lahore, Pakistan
 Chrysostomou Stelina, Nicosia, Cyprus
 Kakar Siddhartha, Mumbai, India
 Karchňák Matúš, Košice, Slovakia
 Lynch Diana Louise, Cork, Ireland
 Mayberry Huw Francis, Nottingham, Great Britain
 Nagendram Sathyan, Batticaloa, Sri Lanka
 Osborne Evonne Louise, Liverpool, Great Britain
 Patel Keyur, Leicester, Great Britain
 Schläfer Simon, Mainz, Germany
 Sjöberg Nils Einar Olof Sunnerheim, Uppsala, Sweden
 Strouthos Iosif Efthymiou, Larnaca, Cyprus
 Subbotin Yuri Aleksandrovich, Bishkek, Kyrgyzstan
 Taghavi Pejman, Los Angeles, USA
 Vayianos Vassos, Larnaca, Cyprus

In the Master degree programme of Dentistry the following completed their studies:

Bagga Akaash, Leicester, Great Britain
 Chandarana Ravi Shyam Paresh, Leicester, Great Britain
 McDevitt Claire Rosemary, Dublin, Ireland
 Nigdikar Mandar Vijay, Glasgow, Great Britain
 Patel Sagar Nalinchandra, Croydon, London, Great Britain
 Polak Klara, Ostrava, Czech Republic
 Thomba Sally Pululudzani, Lobatse, Botswana
 Tsangari Natali, Limassol, Cyprus

Graduation ceremony on 28th July 2011 at 3 p.m.

In the Master degree programme of General medicine, the following completed their studies :

Abboudová Hana, Chrudim
 Dvořáková Hana, Karlovy Vary
 Gerenčárová Lenka, Spišská Nová Ves, Slovakia
 Halko Marek, Duchcov
 Horáková Lenka, Kladno
 Horáková Nadežda, Poprad, Slovakia
 Housková Lucie, Prague
 Hrevuš Michal, Jihlava
 Chmelo Jakub, Ostrava
 Jelínek Pavel, Český Krumlov
 Kníšková Lucia, Žilina, Slovakia
 Kolodziej Andrej, Kežmarok, Slovakia
 Kubánková Markéta, Prague
 Nádvorníková Lenka, Zvolen, Slovakia
 Nguyen Duc Nghia, Quang Binh, Vietnam
 Novotná Eliška, Prague
 Nožková Lenka, Zlín
 Pavlík Marcel, Svidník, Slovakia
 Pollák Marek, Skalica, Slovakia
 Schovancová Tereza, Prague
 Schuhová Věra, Prague
 Soutnerová Jana, Plzeň
 Ščasnovičová Alexandra, Považská Bystrica, Slovakia
 Štefanová Iveta, České Budějovice
 Švec Jan, Varnsdorf
 Tavlaridis Michalis, Prague
 Titzenthalerová Marie, Prague
 Turcsányi Mikuláš, Hnúšťa, Slovakia
 Veisová Eva, Prague
 Vodičková Eva, Třebíč
 Votavová Olga, Prague

Graduation ceremony on 29th July 2011 at 9 a.m.

In the Master degree programme of General medicine, the following completed their studies :

Blahová Jana, Hodonín
 Caisová Lenka, Vimperk
 Derčalík Martin, Bratislava, Slovakia
 Dobešová Ilona, Kyjov
 Foglarová Zuzana, Prague
 Foltová Pavla, České Budějovice
 Havlová Andrea, Chlumec nad Cidlinou
 Hekerová Michaela, Havířov
 Hudcová Zdenka, Prague
 Hylmarová Markéta, Prague
 Hynek František, Plzeň
 Jalovec Jiří, Prague
 Kotoulová Marcela, Kolín
 Krejčí Eva, Pelhřimov
 Lukavská Kamila, Prague
 Bc. Mensa Jakub, Chrudim
 Menšíková Jitka, Hustopeče
 Miškovičová Michaela, Zlaté Moravce, Slovakia
 Mrázková Hana, Prague
 Priesterová Simona, Prešov, Slovakia
 Sauerová Ivana, Domažlice
 Spilka Jan, Třebíč
 Sulženko Jakub, Brno
 Škrha Pavel, Prague
 Šonský Jindřich, Prague
 Šulc Adam, Prague
 Tomčík Július, Michalovce, Slovakia
 Veselá Šárka, Prague
 Viderman Krisztina, Komárno, Slovakia

Graduation ceremony on 29th July 2011 at 10.30 a.m.

In the Master degree programme of General medicine, the following completed her studies with honours :

Kurillová Lenka, Bratislava, Slovakia

Further, in the Master degree programme of General medicine, the following completed their studies :

Bebiak Jozef, Dunajská Streda, Slovakia
 Bodiková Viktória, Bardejov, Slovakia
 Bolehovská Petra, Pardubice
 Brémová Tatiana, Lučenec, Slovakia
 Bulková Veronika, Žilina, Slovakia
 Falisová Lýdia, Prešov, Slovakia
 Felix Ondřej, Prague
 Grinac Michal, Duchcov
 Jansová Lenka, Havlíčkův Brod
 Janušová Eva, Dačice
 Karkošková Mariana, Bratislava, Slovakia
 Klučková Monika, Ilava, Slovakia
 Koursari Galini, Larnaca, Cyprus
 Kovářová Dana, Prague
 Krakovská Viera, Žilina, Slovakia
 Krč Andrej, Bratislava, Slovakia
 Lainczová Helena, Poprad, Slovakia
 Lasoková Marika, Poprad, Slovakia
 Mrvka Tomáš, Prague
 Nociarová Zuzana, Vranov nad Topľou, Slovakia
 Philippou Theodoros, Prague
 Písecká Kateřina, Prague
 Procházková Michaela, Prague
 Přivřel Martin, Přerov
 Regináčová Klaudia, Bojnice, Slovakia
 Rücklová Zuzana, Ostrov
 Růžička Petr, Prague
 Schütznerová Lucie, Prague
 Stejskal Vojtěch, Ústí nad Orlicí

Šafránková Lenka, Písek
 Teringová Elena, Spišská Nová Ves, Slovakia
 Tomala Jakub, Banská Bystrica, Slovakia
 Weiske Nadine, Zittau, Germany
 Zárubová Kristýna, Prague

Graduation ceremony on 29th July 2011 at 12 (noon)

In the Master degree programme of General medicine, the following completed their studies :

Boháč Filip, Moskva, Russia
 Češková Renata, Ústí nad Labem
 Eremiáš Petr, Brno
 Ferechová Hana, Prague
 Haša Martin, Uherské Hradiště
 Chmelová Klára, Prague
 Jurkovičová Martina, Liptovský Mikuláš, Slovakia
 Kadlčková Lenka, Uherské Hradiště
 Koňářík Miroslav, Vsetín
 Kořánová Michaela, Benešov
 Kwesonsa Moses, Kamuli, Uganda
 Lungová Veronika, Hodonín
 Oleničová Kristýna, Odessa, Ukraine
 Orlík Rostislav, Český Těšín
 Planková Zuzana, Skalica, Slovakia
 Pospíšilová Barbora, Prague
 Riedlová Zuzana, Ostrava
 Romsauerová Nora, Nové Zámky, Slovakia
 Sedláková Katarína, Prešov, Slovakia
 Srncová Lucie, Boskovice
 Střídová Kateřina, Olomouc
 Valichnačová Gabriela, Humenné, Slovakia
 Verřlová Alena, Mladá Boleslav
 Zemanová Petra, Jičín
 Bc. Zsigmondová Adriana, Frýdek-Místek

Graduation ceremony on 29th July 2011 at 1.30 p.m.

In the Master degree programme of General medicine, the following completed their studies :

Albrecht Jakub, Ostrava
 Aschmannová Veronika, Košice, Slovakia
 Bílková Karolína, Prague
 Blažková Iva, Čáslav
 Bogocz David, Karviná
 Boltíková Miluše, Klatovy
 Březina Jan, Šternberk
 Dordzhieva Ekaterina, Elista, Russia
 Dušková Markéta, Prague
 Fantová Iva, Strakonice
 Hofmannová Veronika, Chrudim
 Horová Zuzana, Ústí nad Orlicí
 Hrubá Julie, Pardubice
 Jedináková Lucia, Plzeň
 Ježek Jan, Prague
 Kupec Tomáš, Prague
 Licková Kateřina, Pardubice
 Markvartová Sabina, Písek
 Maryšková Karolína, Prague
 Moravcová Jiřina, Nové Město na Moravě
 Němec Karel, Prague
 Pavelka Martin, Poprad, Slovakia
 Peterová Lucie, Prague
 Pleticha Josef, Kladno
 Pultarová Šárka, Prague
 Rottová Kamila, Brno
 Schneller Róbert, Banská Bystrica, Slovakia
 Šíp Ondřej, Teplice

Valkovská Zuzana, Pardubice
 Valkovský Jan, Ostrava
 Vochomůrková Veronika, Prague
 Zvoníčková Šárka, Zlín

Graduation ceremony on 29th July 2011 at 3 p.m.

In the Master degree programme of General medicine completed her studies with honours :

Tesařová Reichertová Barbora, Náchod

Further, in the Master degree programme of General medicine, the following completed their studies :

Buzek Jan, Prague
 Dvořák Libor, Jindřichův Hradec
 Fišar Ondřej, Prague
 Fišerová Michaela, Mladá Boleslav
 Indrová Dominika, Kladno
 Konstantinidis Alexandros, Prague
 Kopincová Jana, Frýdlant v Čechách
 Králová Martina, Hořovice
 Krátký Jan, Prague
 Kunstová Klára, Pelhřimov
 Marcellyová Lenka, Žiar nad Hronom, Slovakia
 Němeček Zdeněk, Žatec
 Nová Eva, Prague
 Nováková Markéta, České Budějovice
 Protuš Marek, Trstená, Slovakia
 Reiter Josef, Prague
 Richterová Veronika, Broumov
 Rohan Zdeněk, Valašské Meziříčí
 Slovák Martin, Trnava, Slovakia
 Slováková Andrea, Rožňava, Slovakia
 Solák Marek, Bohumín
 Stejskalová Monika, Písek
 Šifrová Katarína, Poprad, Slovakia
 Šimečková Lenka, Písek
 Šindelář Jan, Duchcov
 Vacková Anna, Prague
 Vacková Zuzana, Vyškov
 Záhorák Martin, Nové Zámky, Slovakia

Graduation ceremony on 22nd July 2011 at 10.30 a.m.

In the Master degree programme of General medicine, the following completed their studies:

Barčíková Kateřina, Roudnice nad Labem
 Bayer Jiří, Prague
 Belanová Zuzana, Partizánske, Slovakia
 Brablecová Ludmila, née Bolková, Písek
 Bušová Elena, Bratislava, Slovakia
 Čajka Jozef, Poprad, Slovakia
 Hlávková Martina, Prague
 Mgr. Hovančáková Jana, Prešov, Slovakia
 Hüblerová Marcela, Varnsdorf
 Jakeš Radovan, Prague
 Juříčková Jitka, Přerov
 Kabelková Barbora, Ostrava
 Kaláb Martin, Nové Město na Moravě
 Kociánová Eva, Hodonín
 Kříž Michal, Prague
 Lesná Lenka, Poprad, Slovakia
 Mířka Vojtěch, Brandýs nad Labem
 Müller Petr, Chrudim
 Musilová Anna, Pelhřimov
 Osmančík Jan, Opava
 Průchová Veronika, Plzeň
 Rusnák Michal, Poprad, Slovakia

Schneiderová Hana, Havlíčkův Brod
 Šašura Bohuslav, Poprad, Slovakia
 Šimíčková Marcela, Nový Jičín
 Šoufková Petra, Český Brod
 Štěpán Michal, Zlín
 Táboříková Alena, née Svatošová, Louny
 Valchová Tereza, Karviná
 Vávrová Petra, Prague
 Wagnerová Monika, Levoča, Slovakia
 Widimská Julie, Prague

Graduation ceremony on 22nd July 2011 at 12 (noon)

In the Master degree programme of General medicine, the following completed their studies:

Andérová Adéla, Prague
 Černá Alena, Rakovník
 Fuknová Stanislava, Piešťany, Slovakia
 Gentileová Teresa, Prague
 Gočál Mário, Trstená, Slovakia
 Hajrapetjanová Nelli, Yerevan, Armenia
 Holba Petr, Litoměřice
 Jalůvková Markéta, České Budějovice
 Lepp Ondrej, Trstená, Slovakia
 Madzinová Daniela, née Lamancová, Bardejov, Slovakia
 Mazgajová Veronika, Ostrava-Zábřeh
 Mrázková Anna, Nymburk
 Pálková Katarína., Levoča, Slovakia
 Pčolková Dominika, Stará Lubovňa, Slovakia
 Pokšiva Tomáš, Trnava, Slovakia
 Scheimerová Irena, Banská Bystrica, Slovakia
 Svoboda Václav, Dačice
 Svobodová Alena, Ústí nad Labem
 Širanec Michal, Čadca, Slovakia
 Ticháková Irena, Šumsk, Ukraine
 Václavková Jana, Krupina, Slovakia
 Vaníček Zdeněk, Frýdek-Místek

Graduation ceremony on 22nd 2011 at 1.30 p.m.

In the Master degree programme of General medicine, the following completed their studies:

Boldižárová Milada, Nové Zámky, Slovakia
 Drmolová Lucia, Trenčín, Slovakia
 Fröscher Nela, née Filová, Košice, Slovakia
 Haluzová Anna, Kežmarok, Slovakia
 Hofierková Jana, Frýdek-Místek
 Hruška Martin, Česká Lípa
 Jandourek Jiří, Prague
 Lišková Irena, Prague
 Romaňáková Martina, Prešov, Slovakia
 Skřížovská Petra, Bohumín
 Sošková Vendula, née Svobodová, Ústí nad Labem
 Židek Samuel, Myjava, Slovakia

English parallel

Chana Rupinder Kaur, Pontypridd, Wales, Great Britain
 Khaliq Shahzad, Bridgend, Wales, Great Britain
 Mathiba Kgantshang, Serowe, Botswana
 Mitra Ayan, Coventry, Great Britain
 Pranay Pratyush, Ranchi, India
 Qureshi Fariha Javaid, Stockholm, Sweden

In the Master degree programme of Dentistry completed his studies:
 Jones Justin David, London, Great Britain

Graduation ceremony on 28th 2011 at 9 a.m.

In the follow-up Master degree programme specialization in health care, field intensive care completed her studies with honours:

Bc. Baletková Lenka, born in Vsetín

Further, in the follow-up Master degree programme specialization in health care, field intensive care the following completed their studies:

Bc. Bednaříková Jana, born in Brno,
 Bc. Budaiová Lucie, born in Chomutov
 Bc. Burešová Lucie, born in Stod
 Bc. Dvořáčková Lucie, born in Náchod
 Bc. Hendrychová Lucie, born in Žatec
 Bc. Hornychová Petra, born in Pardubice
 Bc. Hricová Ivana, born in Michalovce, Slovakia
 Bc. Hroudová Šárka, born in Písek
 Bc. Jánová Simona, born in Čeladná
 Bc. Kramářová Lenka, born in Ústí nad Labem
 Bc. Lamačová Eva, born in Frýdlant
 Bc. Nejdlová Tereza, born in Klatovy
 Bc. Polívková Lenka, born in Kladno
 Bc. Samcová Olga, born in Prague
 Bc. Ševčíková Sylvie, born in Kyjov
 Bc. Vyskotová Jana, born in Nový Jičín
 Bc. Zachová Eva, born in Prague
 Bc. Zavřelová Martina, born in Jablonec nad Nisou

In the follow-up Master degree programme specialization in health care, branch medical technology and informatics completed his studies with honours:

Bc. Jindra Tomáš, born in Jilemnici

Further, in the follow-up Master degree programme specialization in health care, branch medical technology and informatics the following completed their studies:

Bc. Dibdiak Lukáš, born in Brezno, Slovakia
 Bc. Brožková Tereza, born in Prague
 Bc. Hájková Renata, born in Strakonice
 Bc. Hanzlíčková Petra, born in Prague
 Bc. Hodková Gabriela, born in Prague
 Bc. Hrabalová Klára, born in Prostějov
 Bc. Kieu Thi Thanh Hai, born in Hanoi, Vietnam
 Bc. Kočvarová Eliška, born in Prague
 Bc. Machálek Jakub, born in Kroměříž
 Bc. Pinka Jiří, born in Vyškov
 Bc. Procházka Antonín, born in Beroun
 Bc. Slámová Petra, born in Prague
 Bc. Svozílková Pavlína, born in Kroměříž
 Bc. Zeman Jan, born in Čáslavi
 Bc. Macháček Lukáš, born in Prague
 Bc. Potáčová Barbora, born in Havířov
 Bc. Zavdil Martin, born in Prague

Graduation ceremony on 22nd November 2011 at 9 a.m.

In the follow-up Master degree programme specialization in health care, branch intensive care the following completed their studies:

Bc. Banková Simona, born in Rakovník
 Bc. Lenka Kopřivová, born in Tábor
 Bc. Lenka Matoušková, born in Prague
 Bc. Kateřina Pospíšilová, born in Prague
 Bc. Marcela Šebestová, born in Broumov
 Bc. Lenka Vašíčková, born in Čáslav

In the follow-up Master degree programme specialization in health care, branch medical technology and informatics the following completed their studies:

Bc. Daniela Drobílková, born in Prague
 Bc. Radek Fedr, born in Brně
 Bc. Jan Froněk, born in Prachatice
 Bc. Anna Módos, born in Győr, Hungary
 Bc. Marie Plačková, born in Opava
 Bc. Radek Slanička, born in Liberec
 Bc. Jakub Slanina, born in Dvůr Králové nad Labem
 Bc. Jakub Staněk, born in Prague
 Bc. Matěj Suchý, born in Ostrov

Graduation ceremony on 21st July 2011 at 9 a.m.

In the Bachelor degree programme of specialization in health care, branch physiotherapy the following completed their studies:

Annin-Bonsu Linda, born in Akkra, Ghana
 Benáková Lucie, born in Prague
 Dobrovolská Zuzana, born in Michalovce, Slovakia
 Hanzlová Andrea, born in České Budějovice
 Horáková Alena, born in Jilemnice
 Jeries Jeries, born in Naharia, Israel
 Kamarýtová Jitka, born in Benešov
 Koterzynová Kristýna, born in Stod
 Otta Jiří, born in Ústí nad Labem
 Panas Maria, born in Moscow, Russia
 Petrů Radek, born in Jindřichův Hradec
 Rezková Michaela, born in Rakovník
 Strnadová Hana, born in Brandýs nad Labem
 Techmanová Petra, born in Kladno
 Weissová Marie, born in Louny
 Yaghi Ammar, born in Amman, Jordan

In the Bachelor degree programme of specialization in health care, branch occupational therapy the following completed their studies:

Čermáková Michaela, born in Čáslavi
 Dojavová Markéta, born in Kutná Hora
 Fajkusová Eva, born in Zlín
 Hejzlarová Veronika, born in Třebíč
 Hložková Dagmar, born in Prague
 Jandová Petra, born in Prague
 Košťálková Olga, born in Prague
 Krylová Adéla, born in Ústí nad Labem
 Pleschingerová Barbora, born in Prague
 Rejmanová Alžběta, born in Nymburk
 Sýkorová Magda, born in Vítkov

Graduation ceremony on 21st July 2011 at 10.30 a.m.

In the Bachelor degree programme of specialization in health care, branch nutritional therapy the following completed their studies:

Horáková Jitka, born in Děčín
 Ing. Jungová Ivana, born in Roudnice nad Labem,
 Lamačová Denisa, born in Turnov
 Laštovičková Jitka, born in Jablonec nad Nisou
 Lišková Dagmar, born in Dvůr Králové nad Labem
 Málková Petra, born in Havlíčkův Brod
 Pokorná Daniela, born in Jeseník
 Rösslerová Zuzana, born in Jablonec nad Nisou

In the Bachelor degree programme of specialization in health care, branch additology the following completed their studies:

Bóbíková Jana, born in Prague
 Čapková Lucie, born in Příbram
 Havlová Božena, born in Brno

Ivanová Lucie, born in Jeseník
 Křepelková Eliška, born in Český Brod
 MUDr. Mrázová Věra, born in Hranice
 Štosková Jana, born in Turnov
 Tomková Alexandra, born in Prague
 Vavrušová Eliška, born in Jilemnice

Graduation ceremony on 21st July 2011 at 12 (noon)

In the Bachelor degree programme of nursing science, branch general nursing, the following completed their studies:

Adámková Jana, born in Prague
 Bošnovič Michal, born in Bardejov, Slovakia
 Burišková Klára, born in Vyškov
 Choutková Michaela, born in Havlíčkův Brod
 Fuková Tereza, born in České Budějovice
 Gajdová Kateřina, born in Ostrava
 Jedličková Klára, born in Prague
 Jeřábková Lenka, born in Prague
 Králová Eva, born in Benešov
 Sudová Tereza, born in Klatovy
 Teslíková Anna, born in Městec Králové
 Večeřová Petra, born in Šumperk

In the Bachelor degree programme of specialization in health care, branch medical technology the following completed their studies:

Cechel Zbyszek, born in Český Těšín
 Hřebík Milan, born in Prague
 Jantosová Nikola, born in Banská Bystrica, Slovakia
 Řehoř Jiří, born in Mladá Boleslav
 Sova Jan, born in Příbram
 Vácha Ondřej, born in Jindřichův Hradec
 Večeřa Martin, born in Nitra, Slovakia

Graduation ceremony on 28th November 2011 at 9 a.m.

In the Bachelor degree programme of specialization in health care, branch occupational therapy the following completed their studies:

Fenclová Petra, born in Hořovice
 Kvasničková Sara, born in Belp, Switzerland
 Perná Adéla, born in Pardubice
 Tomašovská Jana, born in Havlíčkův Brod

In the Bachelor degree programme of specialization in health care, branch physiotherapy the following completed their studies:

Altmanová Jana, born in Česká Lípa
 Barešová Michaela, born in Prague
 Chalušová Michaela, born in Cheb
 Knapová Jitka, born in Česká Lípa
 Nevšímalová Vladana, born in Prague
 Paroubková Martina, born in Prague
 Roubková Leona, born in Prague
 Říhová Marie, born in Prague

In the Bachelor degree programme of specialization in health care, branch nutritional therapy the following completed their studies:

Ing. Jungová Ivana, born in Roudnice nad Labem
 Křivohlavá Renata, born in Zábřeh na Moravě
 Mgr. Látalová Ivana, born in Třebíč
 Slámová Alžběta, born in Prague

In the Bachelor degree programme of nursing science, branch general nursing the following completed their studies:

Dušánková Anežka, born in Česká Lípa
 Kuchyňková Monika, born in Prague

Stejskalová Martina, born in Prague
 Teslíková Anna, born in Městec Králové

Graduation ceremony on 28th November 2011 at 10.30 a.m.

In the Bachelor degree programme of specialization in health care, branch addictology the following completed their studies:

Arslanianová Eva, born in Prague
 Borská Vendula, narozená v České Budějovici
 Broklová Lada, born in Polička
 Coufalová Veronika, born in Polička
 Černá Michaela, born in Prague
 Dolejšová Kristýna, born in Rakovník
 Fišerová Karolína, born in Mělník
 Mgr. Gruberová Blanka, born in Plzeň
 Hanousková Tereza, born in Most

Hlavatá Zdeňka, born in Prague
 Hönigová Karolína, born in Teplice
 Jelínek Vít, born in Varnsdorf
 Kotasová Stanislava, born in Jeseník
 Křenková Věra, born in Hustopeče
 Langerová Ilona, born in Roudnice nad Labem
 Malinská Dita, born in Pardubice
 Matušková Lenka, born in Prague
 Mišta Jan, born in Havlíčkův Brod
 Nezdarová Eva, born in České Budějovici
 Pošvancová Marika, born in Karviná
 Příbylová Eva, born in Prague
 Růžičková Veronika, born in Nové Město na Moravě
 Slováčková Petra, born in Vsetín
 Spůrová Nikol, born in Náchod
 Bc. Šulcová Ilona, born in Teplice



In the spring, there was an exhibition of pictures and sculptures by doctors for who drawing and painting is a relaxing hobby. Perhaps that is the reason why the exhibits were mostly depictions of quiet landscapes and still lives with flowers.

EVALUATION OF TUITION BY STUDENTS

Evaluation of tuition by the students has been marked by some substantial changes in the academic year 2005–2006, as it was done electronically for the first time. In the following years this was repeated under the same conditions, and at a time the previous year's results were analyzed. Since the academic year 2007–2008 the evaluation has been performed through the electronic form of data collection and processing within the student information system (SIS). In the academic year 2010–2011 the data collection was commenced in October 2010 and finished in October 2011. The Dean's Board dealt with the evaluation several times, and the final report was discussed in the Academic Senate of the Faculty as well.

The questionnaire in electronic form, incorporated in the Student Information System (SIS), which facilitated the students' access to the forms for evaluation of particular subjects and institutions, has been left virtually unchanged on purpose, so that results of the evaluation can be compared with the year before. The academic community is informed of the results of the evaluation on the Faculty's web pages as well as through direct information for all Faculty units (whose Heads have received a complete survey of evaluation of their institution and staff) and relevant bodies of the Faculty. The main advantage of this system is undoubtedly the unified pattern of the forms, and therefore the possibility of comparison between particular units (some question being naturally specific for theoretical and clinical fields).

Besides this evaluation, some "local" questionnaires survive, prepared and distributed to students by particular Faculty units either during the study or after the completion of the respective subject. Their advantage is the fact that they can be "tailored" to the specific needs of tuition at the given institution. And, last but not least, chat pages have arisen on the websites of some Faculty institutions and quickly gained popularity. Their main advantage is, above all, their swiftness, flexibility and interactivity. This way the management of particular units can deal with the students' opinion virtually immediately and solve any possible problems in a very short time. This is probably the way that may prove most effective in the coming years: as the experience has shown, it enables not only the students' immediate response to the problem but also their discussion of the problem. Then the variety of attitudes among the students can be seen much better and – above all – much quicker, which will facilitate a better and quicker solution of problems on the teachers' part, considering the students' majority opinion rather than just an individual's view. This is important, as so far the limited participation of students in this evaluation (and therefore its limited statistical relevance) has been a problem.

Here is the **general evaluation of the 2010–2011 survey**. The number of students taking part in the evaluation, compared to the years before, has decreased just slightly, and at a time, the total rating of the Faculty and its particular units was higher, like last year. Both these facts are positive, showing the increasing interest of students in the evaluation and their confidence that the evaluation of teaching is really important. Moreover, the sur-

vey proved that the last year's major reasons for complaints had been eliminated, which was reflected in better scores for the tuition. Those units whose rating was lower received a written warning from the Dean.

Perhaps one persisting problem is the fact that the number of evaluating students from the higher years of study is lower, and thereby the statistical relevance of the scores for clinical subject and clinician teachers is reduced. One of the reasons is distribution of the students among clinical institutions in smaller groups, where the number of students who meet a particular teacher is smaller than in the first two or three years of study. Some clinical institutions therefore try to devise their own paper questionnaires for students at the placement so that they can compare the results taken from the small number of student to those from a more relevant set of respondents.

Further we had to admit that the scores for the web site are again the main negative aspect in the Faculty's evaluation, like in the past years. On the other hand, that was the second successive year when the rating was improving. Anyway, there is a problem to solve above all – the information about the syllabi. Obviously not all units of the Faculty duly enter the syllabi in the student information system, and moreover the students are not properly informed that the syllabi can be found there.

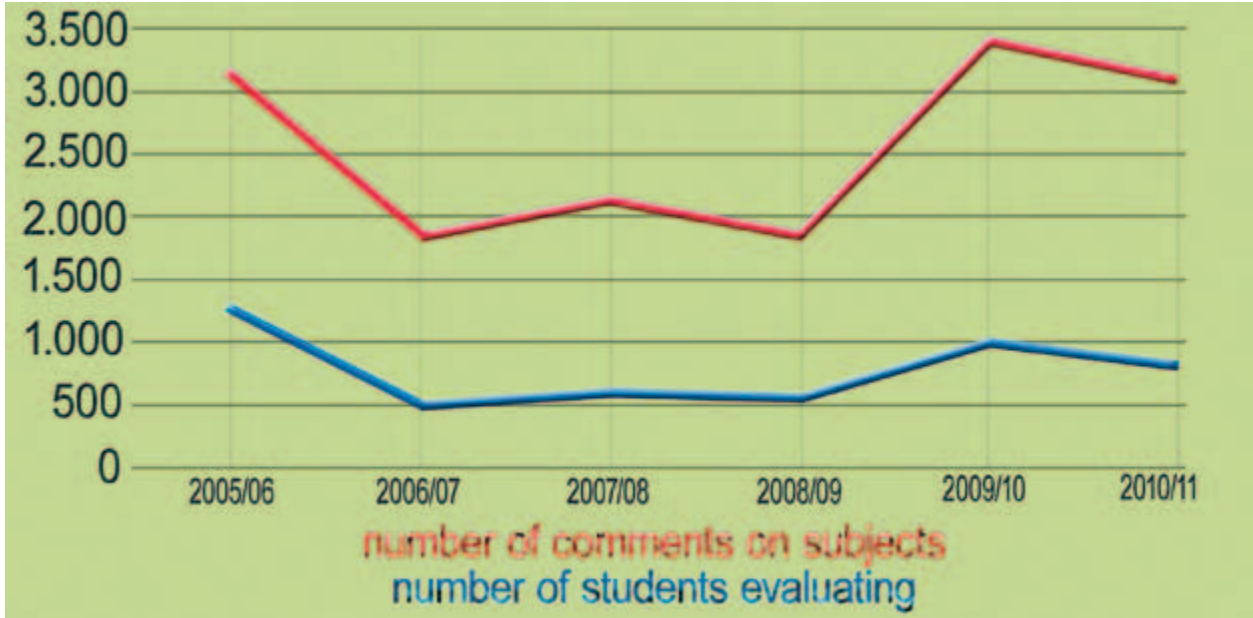
Also the text responses reflect the trend toward improvement; typical examples are those concerning the Surgical Department of the First Faculty of Medicine and the Teaching Hospital Na Bulovce (complaints of the teachers' attitude towards students), Institute of Pathology (complaints of the lack of quality study materials), or the Institute of Medical Biochemistry (complaints of the poor technological support, quality and equipment of the classrooms), or general complaints of the poor standard of changing rooms and poor access to them.

Evaluation of particular teachers in the survey showed somewhat better scores as well, which in the case of those teachers who were rated as the worst last year may have improved even by one grade. The best-standing teachers received money prizes from the Dean of the Faculty, while those worst-standing were warned in writing about the situation. By and large, the average scores in evaluation of teacher have again improved, when compared to the last year, and there were fewer negative text responses in the evaluation, too.

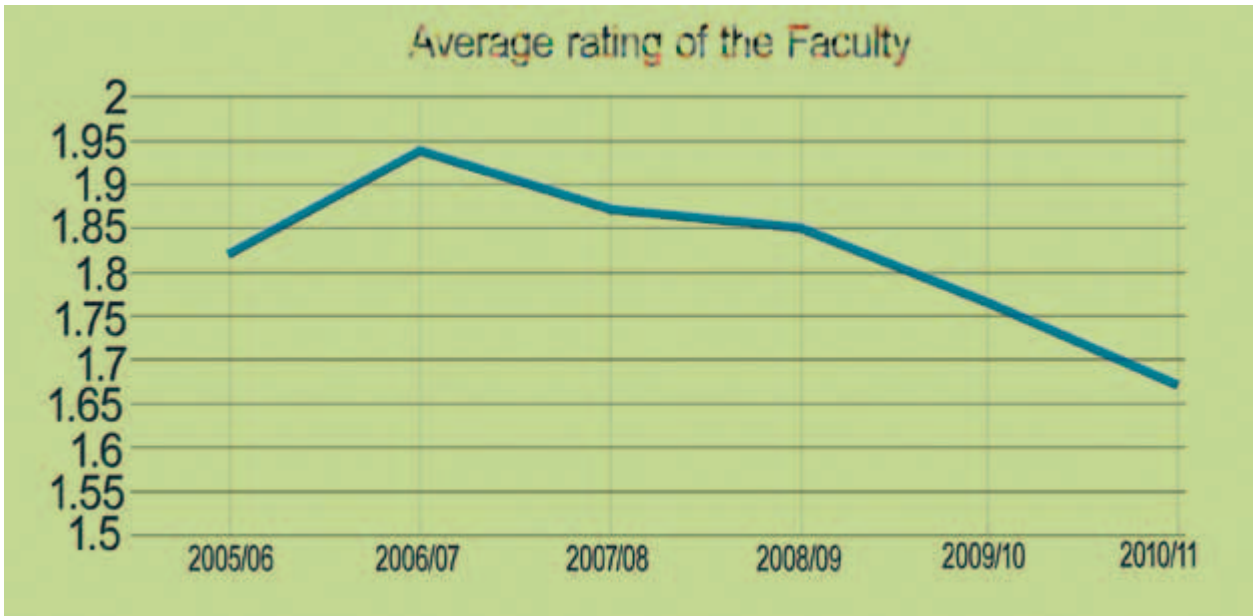
The **response from the units** and particular staff members was both in writing and on the phone, as every year the Heads of the units are informed in writing about the evaluation and encouraged to respond and resolve the complaints. Their statements contain possible explanations of the negative outcome of the evaluation, as seen by the unit or teacher, often with substantiated criticism concerning statistical irrelevance and element of subjectivity in the evaluation, and sometimes expressing criticism towards the students. However, it is important that these responses also involve some proposals of future solutions to eliminate some reasons for negative evaluation.

*Prof. MUDr. Otomar Kittnar, CSc.
Vice-Dean for International Students and Social Affairs*

Evaluation of tuition 2005–2011



Average rating of the Faculty 2005–2011



DOCTORAL STUDY IN BIOMEDICAL SCIENCES

Doctoral study programmes in biomedical sciences (hereafter "PhD. programmes") were founded pursuant to the agreement of the three medical faculties in Prague and the Faculty of Natural Science of Charles University in 1992. The aims were:

1. through the establishment of joint Field Boards, to stop simultaneous creation of boards of the same profile at all the above faculties and thereby prevent fragmentation of the educational process;
2. considering the existence of a great concentration of institutions of biomedical research beyond Charles University (particularly the institutes of the Academy of Sciences and research institutes of the Ministry of Health), to enable these institutions to become centres of education for PhD. programmes as well;
3. to convince representatives of clinical institutions of the necessity of experimental laboratory training in theoretical and pre-clinical fields;
4. to promote quality in PhD. programmes through establishing the necessary criteria for defence of doctoral theses.

PhD. programmes are implemented in accordance with the Act of Schools of Higher Education and internal regulations of Charles University and their faculties and based on the general agreement of co-operation in implementation of study programmes of 13th March 1997 and agreement of consortium between Charles University and the Academy of Sciences of the Czech Republic of 13th March 1997.

DOCTORAL STUDY PROGRAMMES AND THE CHAIRPERSONS OF THE RESPECTIVE FIELD BOARDS IN 2011

- Molecular and Cellular Biology, Genetics and Virology
Prof. RNDr. Stanislav Zdražil, DrSc., Faculty of Natural Science, Prague
- Cell Biology and Pathology
Prof. RNDr. Ivan Raška, DrSc., First Faculty of Medicine, Prague
- Biomedical Informatics
Prof. RNDr. Jana Zvárová, DrSc., First Faculty of Medicine, Prague
- Developmental and Cell Biology
Doc. RNDr. Jan Čermý, Ph.D., Faculty of Natural Science, Prague
- Biochemistry and Pathobiochemistry
Prof. MUDr. Jiří Kraml, DrSc., First Faculty of Medicine, Prague
- Human Physiology and Pathophysiology
Prof. MUDr. Jaroslav Pokorný, DrSc., First Faculty of Medicine, Prague
- Immunology
Doc. RNDr. Vladimír Holáň, DrSc., Faculty of Natural Science, Prague
- Microbiology
RNDr. Jaroslav Weiser, CSc., Institute of Microbiology of Academy of Sciences of the Czech Republic
- Neurosciences
Prof. MUDr. Karel Šonka, DrSc., First Faculty of Medicine, Prague
- Pharmacology and Toxicology

- Prof. MUDr. Sixtus Hynie, DrSc., First Faculty of Medicine, Prague
- Medical Biophysics
Prof. MUDr. RNDr. Jiří Beneš, DrSc., First Faculty of Medicine, Prague
- Parasitology
Prof. RNDr. Jaroslav Kulda, CSc., Faculty of Natural Science, Prague
- Experimental Surgery
Prof. MUDr. Jaroslav Živný, DrSc., First Faculty of Medicine, Prague
- Preventive Medicine
Doc. MUDr. Alexander M. Čelko, CSc., Third Faculty of Medicine, Prague
- Gerontology
Prof. MUDr. Eva Topinková, CSc., First Faculty of Medicine, Prague
- Psychology
Prof. MUDr. Jiří Raboch, DrSc., First Faculty of Medicine, Prague
- Bioethics
Doc. MUDr. PhDr. Jan Payne, Ph.D., First Faculty of Medicine, Prague
- History of Medicine
Prof. PhDr. Milada Říhová, CSc., First Faculty of Medicine, Prague
- Imaging Techniques in Medicine
Prof. MUDr. Jan Daneš, DrSc., First Faculty of Medicine, Prague
- Biomechanics
Doc. Ing. Stanislav Otáhal, CSc., Faculty of Physical Culture and Sport, Prague

The content matter and organization of studies in particular study programmes are provided by joint field boards; these are guarantors of quality of particular study programmes in doctoral studies. Their members are appointed by the Rector at the suggestion of deans of the faculties and the other participating institutions. The chairperson and vice-chairs are elected by the board from among its members. The chairperson summons and directs the proceedings of the board and represents it in negotiations with the representative bodies of the particular faculty as well as in sessions of the Co-ordinating Council of the PhD. programmes. The scope of competencies of the field board ensues from the valid version of the Act on Schools of Higher Education.

PhD. Programmes are directed by the Co-ordinating Council, whose members are appointed and removed jointly by the Rector of Charles University and the President of the Academy of Sciences of the Czech Republic at the suggestion of deans of the faculties and the other participating institutions. Other members of the Council are the Chairs of the field boards. The chairperson and vice-chairs are elected by the Council from among its members.

In December 2011, a very detailed in-depth evaluation of the doctoral study programmes was performed, as required by the Questionnaire of the Accreditation Board of the Ministry of Education, Youth and Sports. This evaluation was done by a task working team, established by the Accreditation Board of the Ministry of Education, Youth and Sports. This team stated that the PhD. programmes at the First Faculty of Medicine are implement-

ed in accordance with the given accreditations and it arrived to the following conclusions:

- Quality education has been provided for 19 years, and its standard has not been doubted by anyone.
- The fields boards of the PhD. programmes accepted the proposals for a common standard in quality of the published papers, with the topic dealt with in the dissertation thesis at the level of two publications in journals with the impact factor, if the student is the first author of one of them and the total IF of the journal is higher than 1.
- In the way of tuition and evaluation of the quality of the PhD. alumni, standards compatible with postgraduate biomedical studies in advanced European countries have been achieved.
- Even a great number of students studying at a time are managed successfully and with the high standard maintained, through the engagement of experts also beyond the Faculty, particularly from the institutes of the Academy of Sciences and research institutes of the Ministry of Health.
- The quality of the dissertation theses defended at the Faculty is testified by their acknowledgement in the professional and scientific community through prestigious prizes for the best alumni of the PhD. programmes.
- The students in the PhD. programmes alone give a very positive response on the environment created by the Faculty in implementation of the programmes.

DOCTORAL STUDY PROGRAMMES ACCREDITED IN CZECH AND VALIDITY OF THE ACCREDITATION

Biochemistry and Pathobiochemistry	01 Mar 2017
Cell Biology and Pathology	01 Mar 2017
Biomedical Informatics	01 Mar 2017
History of Medicine	31 Mar 2016
Experimental Surgery	01 Mar 2017
Pharmacology and Toxicology	01 Mar 2017
Human Physiology and Pathophysiology	01 Mar 2017
Gerontology	01 Mar 2017

Immunology	01 Mar 2017
Medical Biophysics	01 Mar 2017
Bioethics	10 Feb 2014
Microbiology	30 Apr 2016
Molecular and Cellular Biology, Genetics and Virology	30 Apr 2016
Neurosciences	01 Mar 2017
Parasitology	30 Apr 2016
Preventive Medicine	01 Mar 2017
Psychology	01 Nov 2018
Developmental Biology	01 Mar 2017
Imaging Techniques in Medicine	01 Aug 2015
Biomechanics	31 Dec 2013

DOCTORAL STUDY PROGRAMMES ACCREDITED IN ENGLISH AND VALIDITY OF THE ACCREDITATION

Biochemistry and Pathobiochemistry	01 Mar 2017
Biomedical Informatics	01 Mar 2017
Cell Biology and Pathology	30 Apr 2016
Developmental and Cell Biology	01 Mar 2017
Experimental Surgery	01 Mar 2017
Gerontology	01 Mar 2017
Human Physiology and Pathophysiology	01 Mar 2017
Immunology	01 Mar 2017
Medical Biophysics	01 Mar 2017
Microbiology	30 Apr 2016
Molecular and Cellular Biology, Genetics and Virology	30 Apr 2017
Neurosciences	01 Mar 2017
Parasitology	30 Apr 2016
Pharmacology and Toxicology	01 Mar 2017
Preventive Medicine	01 Mar 2017
Psychology	01 Nov 2018
Imaging Methods in Medicine	01 Aug 2015
Bioethics	10 Feb 2014
Biomechanics	31 Dec 2013

*Prof. MUDr. Tomáš Hanuš, DrSc.
Vice-Dean for Clinical Education and Postgraduate Studies*

Survey of the number of students in the doctoral study programmes at particular Faculty institutions (figures by 1 November 2011)

Name of the institution	full-time	combined	total
Institute of Anatomy	6	3	9
Institute of Medical Biochemistry	3	4	7
Institute of Biochemistry & Experimental Oncology	4	5	9
Institute of Physiology	9	10	19
Institute of Biology and Medical Genetics	2	4	6
Institute of Biophysics and Informatics	3	5	8
Institute of Pathological Physiology	18	21	39
Institute of Pharmacology	5	9	14
Institute of Hygiene and Epidemiology	4	12	16
Institute for History of Medicine and Foreign Languages	3	10	13
Institute for Humanitarian Studies in Medicine	3	10	13
Institute of Pathology	0	3	3
Institute of Nuclear Medicine	1	3	4
Institute of Immunology and Microbiology	7	9	16
Institute of Forensic Medicine and Toxicology	1	0	1
Institute of Sports Medicine	0	2	2
Institute of Sexology	7	11	18
Institute of Inherited Metabolic Disorders	11	10	21
Institute of Histology and Embryology	1	0	1
Institute of Cell Biology	2	3	5
Institute of Clinical Biochemistry & Laboratory Medicine	9	31	40
Department of Paediatrics at Thomayer Teaching Hospital	0	1	1
Surgical Department at Thomayer Teaching Hospital	0	1	1
Department of Radiodiagnostics at TH Na Bulovce	0	3	3
Department of Orthopaedics at TH Na Bulovce	0	4	4
Surgical Department at TH Na Bulovce	0	5	5
Department of Plastic Surgery	6	4	10
1 st Medical Department	2	6	8
Department of Nephrology	6	11	17
2 nd Medical Department	6	26	32
3 rd Medical Department	14	19	33
4 th Medical Department	3	14	17
Department of Occupational Medicine	0	3	3
1 st Department of Tuberculosis and Respiratory Diseases	1	0	1
Department of Dermatology and Venereology	0	1	1
Department of Geriatrics	2	1	3
Department of Neurology	19	26	45
Department of Psychiatry	35	33	68
Department of Radiodiagnostics	0	1	1
Department of Oncology	4	7	11
Department of Rehabilitation Medicine	3	7	10
Department of Rheumatology	4	8	12
Department of Paediatrics & Adolescent Medicine	11	15	26
1 st Surgical Department	0	5	5
3 rd Surgical Department	1	8	9
2 nd Surgical Department	0	8	8
Department of Anaesthesiology and Resuscitation	0	15	15
Department of Orthopaedics	3	6	9
Department of Urology	1	6	7
Department of ENT	5	3	8

Department of Phoniatics	1	3	4
Department of Ophthalmology	2	5	7
Research Institute of Stomatology	8	13	
Department of Stomatology	5	11	16
Department of Gynaecology and Obstetrics	22	29	
3 rd Dept. of Infectious & Tropical Diseases at TH Na Bulovce	6	9	
Department of Neurosurgery at Central Military Hospital	0	4	4
Institute of Clinical and Experimental Haematology	8	12	
Institute of General Medicine	1	1	2
Medical Department at Central Military Hospital	0	5	5
Organizational units of First Faculty of Medicine – total	253	485	738

Doctoral State Examinations

Surname and first name	Title	Field	Date of examination
Andrés Cerezo Lucie	Mgr.	Human Physiology and Pathophysiology	13 Oct 2011
Babiarová Katarína	Mgr.	Molecular and Cellular Biology, Genetics and Virology	21 Nov 2011
Barták Vladislav	MUDr.	Experimental Surgery	05 Jan 2011
Beran Stanislav	MUDr.	Human Physiology and Pathophysiology	14 Apr 2011
Chleborád Karel	MUDr.	Biomedical Informatics	19 July 2011
Divišová Bohdana	Mgr.	History of Medicine	11 July 2011
Dvořák Luboš	MUDr.	Human Physiology and Pathophysiology	17 Mar 2011
Filková Mária	MUDr.	Human Physiology and Pathophysiology	14 Apr 2011
Fulín Petr	MUDr.	Experimental Surgery	12 Oct 2011
Güttler Kristián	MUDr.	Experimental Surgery	05 Jan 2011
Hánová Petra	MUDr.	Preventive Medicine	01 Nov 2011
Hejzlarová Kateřina	Mgr.	Biochemistry and Pathobiochemistry	17 Oct 2011
Heřmanová Jana	Mgr.	Bioethics	21 Sep 2011
Hlavatý Petr	MUDr.	Human Physiology and Pathophysiology	06 June 2011
Hollá Kateřina	Mgr.	Psychology	21 June 2011
Hrbáč Tomáš	MUDr.	Neurosciences	06 June 2011
Hroudová Jana	Mgr.	Neurosciences	03 Oct 2011
Hruškovičová Hana	MUDr.	Human Physiology and Pathophysiology	16 June 2011
Janičková Helena	MUDr.	Neurosciences	03 Jan 2011
Jansa Pavel	MUDr.	Human Physiology and Pathophysiology	17 Feb 2011
Kalvoda Jan	MUDr.	Experimental Surgery	16 Nov 2011
Kmeťová Alexandra	MUDr.	Preventive Medicine	13 July 2011
Kramář Filip	MUDr.	Molecular and Cellular Biology, Genetics and Virology	06 Dec 2011
Kratochvílová Markéta	MUDr.	Biochemistry and Pathobiochemistry	08 June 2011
Kružicová Zuzana	MUDr.	History of Medicine	11 July 2011
Kříž Pavel	MUDr.	Biomedical Informatics	19 July 2011
Kuželová Hana	Mgr.	Psychology	21 June 2011
Luchavová Mária	MUDr.	Human Physiology and Pathophysiology	14 Apr 2011
Majerová Veronika	MUDr.	Neurosciences	03 Jan 2011
Marada Tomáš	MUDr.	Experimental Surgery	21 Sep 2011
Matoušek Stanislav	MUDr.	Biomedical Informatics	15 Feb 2011
Melicherčík Pavel	MUDr.	Experimental Surgery	05 Jan 2011
Milerová Jana	MUDr.	Neurosciences	04 Apr 2011
Mrázová Karolína	Mgr.	Preventive Medicine	13 July 2011
Nieblerová Jiřina	MUDr.	Experimental Surgery	14 Dec 2011

Nováková Martina	MUDr.	Human Physiology and Pathophysiology	22 Sep 2011
Nůšková Hana	Mgr.	Biochemistry and Pathobiochemistry	17 Oct 2011
Pankovská Anna	Mgr.	History of Medicine	11 July 2011
Pastor Zlatko	MUDr.	Psychology	12 July 2011
Pašková Andrea	MUDr.	Human Physiology and Pathophysiology	13 Jan 2011
Pazderník Michal	MUDr.	Human Physiology and Pathophysiology	17 Feb 2011
Peiskerová Martina	MUDr.	Biochemistry and Pathobiochemistry	08 June 2011
Picmausová Jana	MUDr.	Neurosciences	03 Oct 2011
Pletková Kristina	MUDr.	Bioethics	11 May 2011
Pořízka Michal	MUDr.	Human Physiology and Pathophysiology	14 Apr 2011
Pospíšilová Hana	MUDr.	Human Physiology and Pathophysiology	12 May 2011
Pospíšilová Jana	Mgr.	Molecular and Cellular Biology, Genetics and Virology	25 Oct 2011
Remlová Eva	MUDr.	Medical Biophysics	14 June 2011
Rotnáglová Eliška	MUDr.	Experimental Surgery	13 Apr 2011
Samsonyan Lusine	MUDr.	Preventive Medicine	01 Nov 2011
Shbat Andrej	Mgr.	History of Medicine	11 July 2011
Sládková Petra	MUDr. Bc.	Human Physiology and Pathophysiology	12 May 2011
Stehlík David	MUDr.	Experimental Surgery	12 Oct 2011
Stránská Zuzana	MUDr.	Human Physiology and Pathophysiology	16 June 2011
Suttrová Eva	Mgr. Bc.	Molecular and Cellular Biology, Genetics and Virology	02 June 2011
Svobodová Eva	Mgr.	Molecular and Cellular Biology, Genetics and Virology	22 June 2011
Szentiványi Karol	MUDr.	Biochemistry and Pathobiochemistry	17 Oct 2011
Šafaříková Eva	Mgr. Bc.	Molecular and Cellular Biology, Genetics and Virology	10 Mar 2011
Šanda Pavel	Mgr.	Biomedical Informatics	27 Sep 2011
Šmíd Václav	MUDr.	Biochemistry and Pathobiochemistry	13 Dec 2011
Šmigová Jana	Mgr.	Cell Biology and Pathology	22 Dec 2011
Šnejdrlová Michaela	MUDr.	Gerontology	23 Nov 2011
Šomlóová Zuzana	MUDr.	Human Physiology and Pathophysiology	22 Sep 2011
Štuka Čestmír	RNDr.	Biomedical Informatics	19 July 2011
Vaníková Jana	Mgr.	Biochemistry and Pathobiochemistry	13 Dec 2011
Váňová Kateřina	Ing.	Biochemistry and Pathobiochemistry	19 May 2011
Varga Martin	MUDr.	Experimental Surgery	21 Sep 2011
Vávrová Jana	MUDr.	Neurosciences	03 Jan 2011
Vojtěch Zdeněk	MUDr.	Neurosciences	06 June 2011
Vozdek Roman	Ing.	Biochemistry and Pathobiochemistry	27 Jan 2011
Vyhnanovská Pavlína	MUDr.	Medical Biophysics	14 June 2011
Zakiyanov Oskar	MUDr.	Biochemistry and Pathobiochemistry	08 June 2011
Zvěřová Martina	MUDr.	Psychology	14 June 2011

Dissertation theses defended in the doctoral study programme

Surname and first name	Title	PhD. study programme	Date of defence	Title of the thesis
Al-Hiti Hikmet	MUDr.	<i>Human Physiology and Pathophysiology</i>	01 July 2011	<i>Treatment of pulmonary hypertension influenced by the cyclic guanosinmonophosphate metabolism</i>
Angerová Yvona	MUDr.	<i>Human Physiology and Pathophysiology</i>	13 Oct 2011	<i>Neurorehabilitation following a brain lesion: Scope of intervention</i>
Barták Vladislav	MUDr.	<i>Experimental Surgery</i>	08 June 2011	<i>Development of the first metatarsophalangeal joint replacement</i>
Bartovská Zofia	MUDr.	<i>Human Physiology and Pathophysiology</i>	15 Dec 2011	<i>Selected aspects of immunopathogenesis of HIV infection</i>
Beneš Vladimír	MUDr.	<i>Neurosciences</i>	07 Mar 2011	<i>Unruptured brain aneurysms: Will the risk of endovascular treatment outweigh the natural course?</i>
Bouček Jan	MUDr.	<i>Cell Biology and Pathology</i>	08 Sep 2011	<i>Immunological-biological aspects of spinocellular carcinomas in the head and neck region</i>
Brabcová Irena	Ing.	<i>Molecular and Cellular Biology, Genetics and Virology</i>	10 Mar 2011	<i>Molecular markers influencing the survival of a transplanted kidney and progression of glomerulopathies</i>
Brejchová Kristýna	Mgr.	<i>Cell Biology and Pathology</i>	03 Nov 2011	<i>Cell and Molecular Characterization of Failed Human Corneal Grafts. The Role of Matrix Metalloproteinases in Recurrent Corneal Melting</i>
Broučková Adéla	Ing.	<i>Molecular and Cellular Biology, Genetics and Virology</i>	13 Sep 2011	<i>The characterization of blood platelet cellular prion protein</i>
Burda Pavel	Mgr.	<i>Human Physiology and Pathophysiology</i>	13 Jan 2011	<i>The role of transcription factors PU.1 a GATA-1 during leukemia differentiation.</i>
Drahorádová Petra	MUDr.	<i>Experimental Surgery</i>	14 Sep 2011	<i>Quality of life following urogynaecologic surgeries: Comparison of changes in quality of life with objective outcomes of surgical urogynaecologic treatment in relation to the anatomy of the pelvic floor</i>
Drápal Marek	Mgr.	<i>Medical Biophysics</i>	18 Oct 2011	<i>Modelling of 3D hearing</i>
Dušek Petr	MUDr.	<i>Neurosciences</i>	19 Sep 2011	<i>Cortical and subcortical mechanisms of perception of time</i>
Elknerová Klára	Mgr.	<i>Immunology</i>	23 June 2011	<i>Immunologic and epigenetic modulation of gene expression of leukemic cell lines</i>
Filková Mária	MUDr.	<i>Human Physiology and Pathophysiology</i>	15 Dec 2011	<i>Role of new cytokines in pathogenesis of rheumatic conditions</i>
Fojtíková Markéta	MUDr.	<i>Human Physiology and Pathophysiology</i>	24 Nov 2011	<i>Immunogenetic and hormonal predisposition markers of systemic rheumatic conditions, particularly systemic lupus erythematosus</i>
Fornůsková Daniela	RNDr.	<i>Biochemistry and Pathobiochemistry</i>	17 Jan 2011	<i>Biochemical and molecular studies of cytochrome c oxidase and ATP synthase deficiencies</i>
Güttler Kristián	MUDr.	<i>Experimental Surgery</i>	11 May 2011	<i>Importance of mechanical dependence of components of total replacement of the elbow joint on the survival of the implant in the body</i>
Handrková Helena	Mgr.	<i>Molecular and Cellular Biology, Genetics and Virology</i>	25 Oct 2011	<i>Molecular mechanisms of Diamond-Blackfan anemia</i>
Havránek Ondřej	MUDr.	<i>Human Physiology and Pathophysiology</i>	16 June 2011	<i>Genetic factors in lymphoproliferative malignancies Focus on CHEK2 gene in lymphomas with comparison to distinct solid tumors</i>
Havránková Petra	MUDr.	<i>Neurosciences</i>	05 Sep 2011	<i>Neuromodulation in treatment of selected dystonic syndromes</i>
Hlavatý Petr	MUDr.	<i>Human Physiology and Pathophysiology</i>	26 Sep 2011	<i>Influence of fatty acids on the lipid metabolism and reduction of body weight</i>
Hodis Jiří	MUDr.	<i>Pharmacology and Toxicology</i>	15 June 2011	<i>Pharmacologic modification of potential signal systems regulating the metabolism of adipocytes and hepatocytes and their impact on obesity</i>
Hromádka Rastislav	MUDr.	<i>Experimental Surgery</i>	06 Apr 2011	<i>3D anatomy of the proximal humerus and insertions of the rotator cuff: a clinical and anatomical study for optimization of implanting alloplasty of the shoulder</i>
Hubka Petr	MUDr.	<i>Experimental Surgery</i>	14 Sep 2011	<i>Variation of abnormalities of the foramen obturatum and retropubic space and their connection to complications of band surgeries</i>
Chytil Lukáš	Ing.	<i>Pharmacology and Toxicology</i>	14 Apr 2011	<i>Chiral and achiral chromatography in pharmacology and toxicology</i>

Jasová Denisa	MUDr.	Psychology	14 June 2011	<i>Stress and manifestations of limbic irritability in depression and alcohol addiction: craving and depression as a disorder of inhibitory mechanisms?</i>
Kaňa Radim	MUDr.	Experimental Surgery	25 May 2011	<i>Histomorphologic changes of cartilagenous tissues in pathologic conditions as well as after transplantation in humans and in an experiment</i>
Klapilová Kateřina	Mgr.	Psychology	21 June 2011	<i>Influence of oral hormonal contraception on female sexuality: approach of evolutionary psychology</i>
Kondrashov Alexey	MUDr.	Gerontology	27 Jan 2011	<i>Biochemistry of polyphenols effects in the treatment of vascular disease</i>
Koucký Michal	MUDr.	Human Physiology and Pathophysiology	13 Oct 2011	<i>Relation of concentration of selected markers of inflammation and endothelial dysfunction to premature delivery and fetal inflammation</i>
Kravarová Eva	Mgr.	Psychology	12 July 2011	<i>Psychosocial effect of bariatric surgeries and the patients' content with the surgery</i>
Krulová Tatiana	Mgr.	Psychology	22 Feb 2011	<i>Victimological aspects of sexual violence in the population of the Czech Republic</i>
Kuchynka Petr	MUDr.	Human Physiology and Pathophysiology	22 Sep 2011	<i>New diagnostic and therapeutic aspects of inflammatory cardiomyopathy</i>
Kudrnová Zuzana	MUDr.	Human Physiology and Pathophysiology	13 Jan 2011	<i>A contribution to pathophysiology of thrombophil state after an operation for fracture of the upper end of the femur in patients over 75 years</i>
Kverka Miloslav	MUDr.	Immunology	16 Feb 2011	<i>Bacterial components in experimental intestinal inflammation prevention and therapy</i>
Leníček Martin	MUDr.	Biochemistry and Pathobiochemistry	04 Feb 2011	<i>Role of biosynthetic and catabolic pathway of cholesterol in tumour and inflammatory conditions</i>
Magner Martin	MUDr.	Biochemistry and Pathobiochemistry	13 Dec 2011	<i>Importance of lactate in diagnosis of mitochondrial conditions in children</i>
Matoušková Olga	MUDr.	Pharmacology and Toxicology	15 Dec 2011	<i>Influence of genetic predisposition of an individual on pharmacokinetics and pharmacodynamics of some selected opioids</i>
Matyšková Resha	Mgr.	Biochemistry and Pathobiochemistry	19 May 2011	<i>Influence of leptin and ghrelin on food intake and metabolic parameters in obese ovariectomized female mice</i>
Medříková Daša	Mgr.	Biochemistry and Pathobiochemistry	21 June 2011	<i>Study of metabolic syndrome in mice model: roles of dietary lipids, adipose tissue and AMP-activated protein kinase</i>
Melicherčík Pavel	MUDr.	Experimental Surgery	11 May 2011	<i>Use of local antibiotic carriers in treatment of infections of the locomotor apparatus</i>
Mindlová Martina	MUDr.	Cell Biology and Pathology	15 Sep 2011	<i>BK-polyomavirus infection in patients after a combined kidney and pancreas transplantation</i>
Mistríková Veronika	Mgr.	Cell Biology and Pathology	22 Dec 2011	<i>Electron cryo-microscopy techniques in biological research and nanotechnologies</i>
Mráz Miloš	MUDr.	Human Physiology and Pathophysiology	15 Dec 2011	<i>New metabolic regulators and pro-inflammatory factors in aetio-pathogenesis of type 2 diabetes mellitus and obesity: Influence of pharmacologic and dietary measures</i>
Nagy Miroslav	Mgr.	Biomedical Informatics	21 June 2011	<i>Clinical Content Harmonisation of Electronic Health Record</i>
Nováková Martina	MUDr.	Human Physiology and Pathophysiology	22 Dec 2011	<i>Properties and regulation of muscarinic and adrenergic receptors: Impact of stress on the properties and regulation of muscarinic and adrenergic receptors in the lungs and heart</i>
Oliverius Martin	MUDr.	Experimental Surgery	19 Jan 2011	<i>Bowel transplantation on experimental models</i>
Panigaj Martin	Mgr.	Molecular and Cellular Biology, Genetics and Virology	13 Sep 2011	<i>The Role of Cellular Prion Protein in Erythroid Differentiation</i>
Pokorná Milana	MUDr.	Human Physiology and Pathophysiology	16 June 2011	<i>Sudden cardiac arrest and importance of capnometry in cardiopulmonary resuscitation</i>
Polák Ferdinand	MUDr.	Human Physiology and Pathophysiology	26 Sep 2011	<i>Use of thrombelastography in assessment of coagulation in women with physiological and pathological course of pregnancy</i>
Požizka Michal	MUDr.	Human Physiology and Pathophysiology	26 Sep 2011	<i>Oxygen consumption in awake cardiac surgical patients</i>
Pospíšil Vít	Mgr.	Human Physiology and Pathophysiology	22 Dec 2011	<i>Role of the oncogenic microRNAs miR-17-92 and miR-155 in the regulation of hematopoietic differentiation and leukemogenesis</i>
Potyšová Zuzana	MUDr.	Human Physiology and Pathophysiology	14 Apr 2011	<i>Influence of some factors on impairment of kidneys in AA amyloidosis</i>

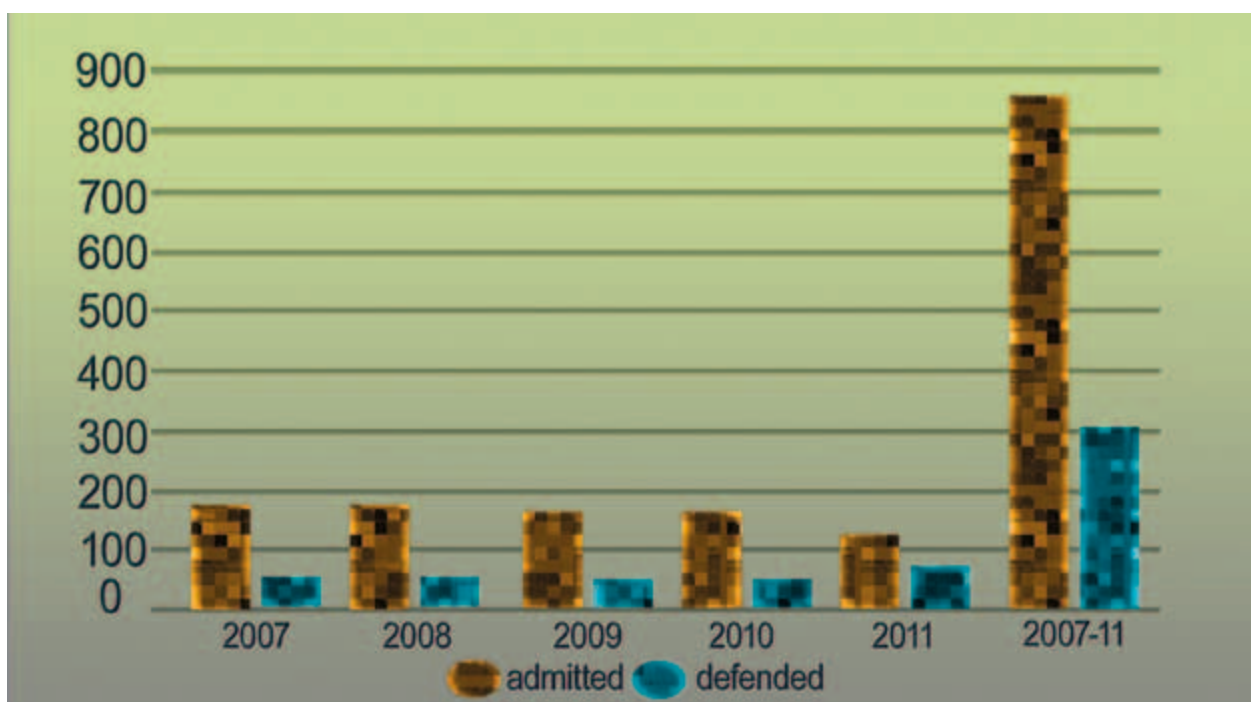
Provazníková Dana	Mgr.	Biochemistry and Pathobiochemistry	21 Sep 2011	Role of TGF β and study of prognostic factors in patients with MDS and AML
Přečková Petra	Mgr.	Biomedical Informatics	27 Sep 2011	Language of medical reports and its analysis in terms of vocabulary and information
Reinštein Merjavá Stanislava	Mgr.	Cell Biology and Pathology	15 Sep 2011	Phenotypical characterization of the healthy human cornea and the alterations caused by posterior polymorphous corneal dystrophy
Remlová Eva	MUDr.	Medical Biophysics	15 Nov 2011	Biological response of the tissue at intracellular level to various physical parameters of a laser
Rosa Ján	MUDr.	Human Physiology and Pathophysiology	17 Feb 2011	Characteristics of large arteries in primary and secondary – endocrine hypertension
Rotnáglová Eliška	MUDr.	Experimental Surgery	21 Sep 2011	Role of human papillomaviruses in aetiology and prognosis of oropharyngeal cuboidal cell carcinomas
Skalická Lenka	MUDr.	Human Physiology and Pathophysiology	24 Nov 2011	Therapeutic vasculogenesis in patient with chronic critical ischaemia of lower extremities
Skalická Hana	MUDr.	Human Physiology and Pathophysiology	17 Feb 2011	Regeneration of the myocardium following intracoronary application of mononuclear bone marrow cells in patients with acute infarction with delayed reperfusion and dysfunction of the left ventricle
Smitka Kvido	MUDr.	Human Physiology and Pathophysiology	01 July 2011	Acipimox during Short-Term Exercise Exerts a Negative Feedback of Growth Hormone on Ghrelin Secretion in Patients with Bulimia Nervosa
Sosna Ondřej	MUDr.	Experimental Surgery	07 Sep 2011	Gene polymorphism of Th1/Th2 cytokines in patients with uterine myomatosis
Škorpil Jiří	MUDr.	Human Physiology and Pathophysiology	22 Sep 2011	Influence of active negative pressure venous drainage on red blood elements and other biochemical indicators of organic lesion in cardiosurgery
Švábík Kamil	MUDr.	Experimental Surgery	09 Mar 2011	Vascular supply of the female urethra in relation to disorders of continence: establishing the methods of examination and their practical use
Tomanová Jana	Mgr.	Psychology	12 July 2011	Multi-family therapy in treatment of disorders of food intake : introduction to practice in the Czech Republic and a pilot survey to test the efficiency
Uhrová Tereza	MUDr.	Psychology	14 June 2011	Psychosocial aspects of Huntington's disease
Veigl David	MUDr.	Experimental Surgery	06 Apr 2011	Periprosthetic osteolysis
Vohánka Jaroslav	Ing.	Cell Biology and Pathology	21 Apr 2011	The Study of Expression and Function of Selected Nuclear Receptors in <i>Caenorhabditis Elegans</i>
Votavová Hana	MUDr.	Human Physiology and Pathophysiology	12 May 2011	Discrimination of primarily mediastinal and diffuse large cell B-lymphoma using the method of real-time quantitative polymerase chain reaction
Vrána David	MUDr.	Molecular and Cellular Biology, Genetics and Virology	02 June 2011	Genetic polymorphism of biotransformation enzymes and the risk of occurrence of pancreas carcinoma in the Czech Republic
Vyhnanovská Pavlína	MUDr.	Medical Biophysics	15 Nov 2011	³¹ P MR Spectroscopy of transplanted kidneys: Observation of MR parameters of transplanted organs and their correlation to the patients' clinical state
Wohl Petr	MUDr.	Human Physiology and Pathophysiology	17 Mar 2011	Insulin resistance and metabolic inflexibility of influencing through the blockage of renin-angiotensin system
Zemanová Milada	MUDr.	Biochemistry and Pathobiochemistry	21 Nov 2011	Relation of selected indices of nutrition state and results of chemotherapy and surgeries in carcinomas of the oesophagus
Zlatohlávková Blanka	MUDr.	Medical ethics	21 Sep 2011	Ethical problems connected with care of neonates at the boundary of viability

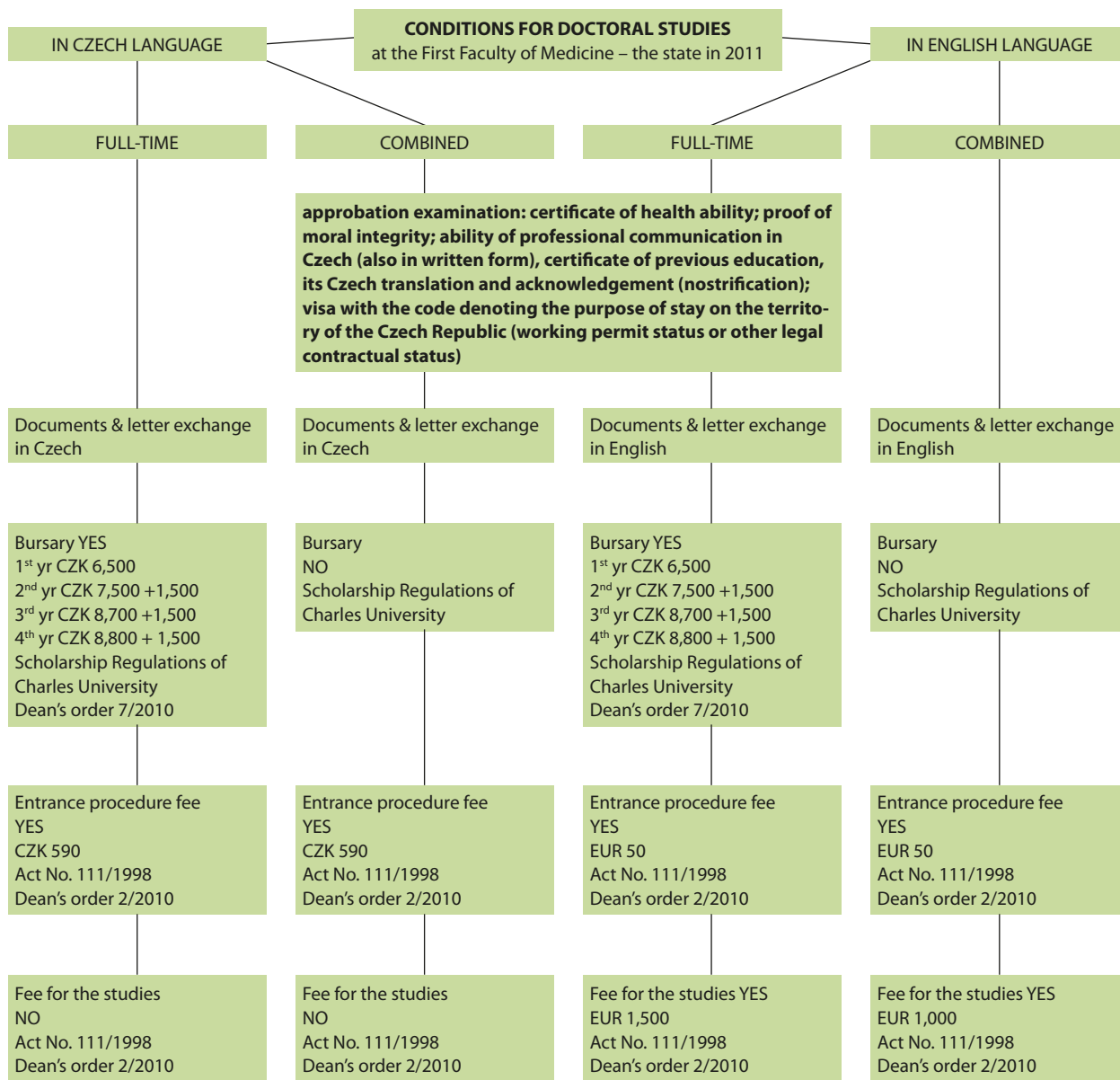
Survey of the number of students completing doctoral programmes at particular units of the First Faculty of Medicine by 1 November 2011

The training Faculty institution	Number of alumni
Department of Orthopaedics at TH Na Bulovce	5
1 st Medical Department	3
Department of Nephrology	2
3 rd Medical Department	1
2 nd Medical Department	2
Department of Neurology	2
Department of Psychiatry	4
Institute of Pathological Physiology	5
Department of Paediatrics & Adolescent Medicine	1
Institute of Pharmacology	2
Institute of Clinical and Experimental Haematology	1
2 nd Surgical Department	1
Department of Anaesthesiology and Resuscitation	3
Department of ENT at Motol Teaching Hospital	1
Department of Oncology	1
Department of Gynaecology and Obstetrics	5
Department of Rehabilitation Medicine	1
Institute of Biochemistry and Experimental Oncology	1
Institute for Humanitarian Studies in Medicine	2
Institute of Immunology and Microbiology	2
Department of Neurosurgery at Central Military Hospital	1
Institute of Sexology	2
Institute of Inherited Metabolic Disorders	2
Institute of Clinical Biochemistry & Laboratory Medicine	5
Total	55

Number of students admitted and dissertation theses defended in the doctoral study programme at the First Faculty of Medicine in the past five years (2007–2011)

year	2007	2008	2009	2010	2011	2007–2011
enrolled	185	174	172	172	141	844
defended	63	56	64	57	76	316







Journalists at the press conference were informed about the readiness of the the First Faculty of Medicine for the transfer of postgraduate specialist education to medical schools.



An exhibition of graphics with Prague themes, in particular churches and monasteries of the town, opened at the Academic Club; the author was Assoc. Prof. Bronislav Kračmar from the Faculty of Physical Culture and Sport, the Vice-rector for scientific and research activities of Charles University in Prague.

SCIENCE AND RESEARCH



SCIENCE AND RESEARCH, GRANT AGENDA

The scientific efficiency of the First Faculty of Medicine of Charles University is the base of its prominent position among scientific institutions in the Czech Republic. Since 2007, when this evaluation started, the First Faculty of Medicine has kept the first position among medical faculties in the country and permanently maintained its standing within the top ten most efficient institutions of all, regardless of the changes in methodology of evaluation of results of scientific work. Furthermore, the success of the Faculty's scientific activities is enhanced by co-operation with the General Teaching Hospital in Prague within their joint institutions, as this hospital has permanently kept the top standing in science among teaching hospitals. Therefore, in terms of efficiency in science, the First Faculty of Medicine surpasses even the production of the institutions of the Academy of Sciences of the Czech Republic that focus on physiological, medical and molecular genetic disciplines, and often in multiples.

We are aware of the fact that scientific work in theoretical and applied branches is of critical importance for the quality and standards of health care; it is science that makes the difference between ordinary health care facilities from top quality clinical facilities that represent excellence in the respective fields. Also the number of patents applied for at the national as well as international level by teams from our Faculty has been increasing.

Some units of the Faculty were selected for an international audit of science under the project of the Ministry of Education, Youth and Sports, and our staff also participated in the audit of the final report of by the international consortium Technopolis, which had performed the said audit for the Ministry. Our experts participated in formulation of strategic aims of applied science in the Priority 2030 programme.

In the inward view, the results of scientific work at the Faculty are one of the crucial criteria of evaluation of our staff members and their promotion. The focus of compliance with the criteria connected with the academic progress of our staff strengthens the prestige of the professor posts achieved at the Faculty. The number of projects in international partnership is increasing. The orientation towards quality resulted in higher subsidies in institutional funding of science (the PRVOUK programmes) and higher success rates in obtaining prestigious UNCE programmes of Charles University. In either case, the Faculty acknowledges co-operation with its sister medical faculties and the Faculty of Natural Science of Charles University.

One problem in future may be the growing difference in incomes between health service and education, as the top professionals in the academic sphere are getting more and more disadvantaged in comparison to physicians fully occupied just with



*Prof. MUDr. Aleš Žák, DrSc.
Vice-Dean for Scientific Activities*

Survey of international projects at the First Faculty of Medicine of Charles University in 2011

Name of project	Type of instrument
Individually Tailored Stepped Care for Women with Eating Disorders (INTACT)	6 th Framework programme
Promotion and facilitation of international cooperation with Eastern European and Central Asian countries (EECALink)	7 th Framework programme
Neonatal European Study of Inhaled Steroids (NEUROSIS)	7 th Framework programme
Services and Health for Elderly In LOng TERm care (SHELTER)	7 th Framework programme
Cancer Genomics of the Kidney (CAGEKID)	7 th Framework programme
Safety Evaluation of Adverse Reactions in Diabetes (SAFEGUARD)	7 th Framework programme
Early-stage non-small cell lung cancer study (LUN)	World Health Organization
European Network of Reference for Rare Pediatric Neurological Disease (NEUROPEAD)	PHEA
EU-Dap TOT network: European Drug Abuse Prevention training of trainers network (EUDAP TOT)	PHEA
European Family Empowerment: Improving family skills to prevent alcohol and drug related problems	PHEA
Health Promotion for Young Prisoners (HPYP)	PHEA
HIV Community-based testing practices in Europe (COBATEST)	PHEA
Mental Health through Technology-enhanced Personalization of Care (PRO-YOUTH)	PHEA
New methodological tools for policy and programme evaluation	PHEA

Basic parameters of scientific activity at the First Faculty of Medicine 2006–2010

Financial and personnel support							Publications and their impact						
							specifically:						
							specifically:						
	Grant funds allotted in thousands CKR	Number of grant projects incl. those submitted in GT Hospital and MH	Total manpower of the Faculty (converted to full-time positions)	Number of students in doctoral study programmes	Total number of publications	Total number of authors	Mono-graphs and textbooks in Czech or English	Original expert and scientific publications and reviews	Original expert and scientific publications incl. reviews in journals with IF	Number of authors publishing in journals with IF	Total IF scores of the journals in which the publications occurred	Number of citations according to SCI	Number of authors quoted in SCI
2006	360,174	319 3	840.34 (98.97) ^{1/} (+220.92) ^{2/}	878	2,676	1,167	156	977	415	555	1,295	13,950	678
2007	355,500	313 4	833.56 (91.06) ^{1/} (+270.46) ^{2/}	912	2,712	1,127	255	861	495	547	1,531	11,440	682
2008	323,074	291 4	865.08 (62.91) ^{1/} (+281.69) ^{2/}	966	2,261	1,105	161	715	430	569	1,566	12,510	687
2009	393,480	337 4	882.13 (+85.68) ^{1/} (271.94) ^{2/}	1,003	2,146	1,099	135	704	468	577	1,345	14,058	735
2010	353,594	290 4	886.18 (+86.5) ^{1/} (276.17) ^{2/}	895	2,040	1,234	107	694	534	638	1,755	18,389	852
2011	386,762	312 4	931.88 (+62.7) ^{1/} (245.9) ^{2/}	927									

^{1/} From grants^{2/} From Research Concepts

Total number of authors and publications – excluding abstracts



Prof. MUDr. Aleksi Šedo, DrSc.
Vice-Dean for Grant Projects and Development of the Faculty

their clinical practice. The finance obtained for purpose and institutional funding of science amounts nearly to one half of the Faculty's budget. It can be presumed that in view of the expected decrease of financial support for education the scientific work and research will become the crucial economic source for the Faculty.

The following charts document the basic parameters of scientific work at the First Faculty of Medicine, including the financial support for science from grant projects, considering the staffing of the Faculty.

Grant support of science and research

The grant projects run with the support of both national or international grant agencies cover all the scope of biomedical disciplines in terms of the topics. Numbers of the projects and resources of their financing are shown in the following charts. A positive fact is the high credit that the overwhelming majority of completed projects get in evaluation.

Students' Scientific Conference

On 24th May 2011, our Faculty held the traditional Students' Scientific Conference, the twelfth in line after 1989. This conference, in which 70 students took part, proceeded in two sections – undergraduate and postgraduate. The undergraduate section consisted of three parts – theoretical; clinical; and that reserved for non-medical fields (nursing, addictology etc.). The postgraduate section, in turn, was divided into the theoretical and clinical part. Due to the large number of participants, both the postgraduate sections had to be judged by two boards and so was the non-medical section.

The presentations were evaluated in terms of the following (the maximum number of points given is shown in round brackets): scientific asset and knowledge of the problem area (20 points), quality of the presentation (10 points) and the student's own contribution and independence of work (5 points). A presenter could therefore be given 35 points from the board of evaluators as a maximum.

Students' presentations were given in lecture halls of 4th Medical Department, 1st Surgical Department, the Department of Stomatology, the Small Lecture Hall of the Institute of Anatomy, and the Great Session Hall of the Faculty.

The evaluating board for the theoretical part of the undergraduate section (Prof. Miloš Grim, Assoc. Prof. Petr Hach, Assoc. Prof. Ondřej Slanař, Prof. Emanuel Nečas) awarded the prizes to two best presentations: to Lukáš Farhád Mirchi for the paper *The possible role of the Ankk1 gene in pathogenesis of essential hypertension in the rat* and to students Ahmed Chughtai and Philipp Novotný for the paper *DAF-16/FOXO dependent regulation of gene expression of NHRs*. An extraordinary prize was awarded by this board to Jan Kvasnička for *Influence of laid-down m2 muscarine receptors on heart functions*.

In the clinical part of this section the evaluating board (Assoc. Prof. Debora Karetová, Assoc. Prof. Eva Řihová, Assoc. Prof. Tomáš Zelinka) decided to award one first prize for the best presentation – to Jaromír Hanuška for his paper *Characterization of eye movements in well persons*. The extraordinary prize was awarded by this board to Andrea Špeldová for her paper *The role of diminished elasticity of the vascular wall in patients with early manifestation of coronary atherosclerosis*.

The evaluating board for non-medical fields 1 (Ms Eva Marková, Assoc. Prof. Milan Tuček, Ms Barbara Janíková) decided to award the first prize for the best presentation to Jitka Laštovičková for the paper *Bariatric surgeries and their influence on the development of body weight and some metabolic parameters* and the extraordinary prize to Jan Zeman for his *Impacts of shockwaves generated through multichannel discharge on the tissue*. The evaluating board for non-medical fields 2 (Assoc. Prof. Petr Bartůněk, Ms Jana Novotná, Dr. Pavel Kuthan) awarded the first prize for the best presentation to Klára Burišková for her paper *Development in the attitude of the population of the Czech Republic towards their own health and health care* and the extraordinary prize to Tomáš Jindra for his *Measurement of dynamics of eye movements and accommodation in paedophthalmology with holographic stimulation of the visual system*.

The evaluating board for the theoretical and pre-clinical part of the postgraduate section 1 (Prof. Kraml, Dr. Barbora Dvořánková, Dr. Jiří Vachtenheim) awarded the prizes to three best presentations: to Hana Kratochvílová for her paper *TMEM70 integral protein of the inner mitochondrial membrane*, to Michaela Krupková for her *Pharmacogenetic isolation of the genomic area influencing concurrently morphogenesis and metabolic syndrome*, and Dr. Jiří Beneš for his *Differentiation of malign melanocytes through conditioned media and stromal fibroblasts*. The evaluating board for the theoretical and pre-clinical part of the postgraduate section 2 (Prof. Libuše Kolářová, Prof. Jiří Jonák, Ass. Prof. Ondřej Beran, Dr. Lucie Himmlová) also awarded the prizes to three best presentations: Prakash Shankaran won the prize for his paper *New ways to treat HIV/AIDS?*, Dr. Kateřina Šebková for her *Carnosine specific dipeptidases in *Caenorhabditis elegans**, and Magdalena Klánová for her *Mouse model of mantle cell lymphoma (MCL)*. The extraordinary prize was awarded by this board to

Stanislava Reinštein Merjavá for her *Cytokeratin 7 as a marker of corneal conjunctivalization in patients with limbal stem cell deficiency*.

The evaluating board for the clinical fields of postgraduate section 1 (Prof. Miroslav Zeman, Assoc. Prof. Miroslav Zeman, Assoc. Prof. Jarmila Procházková, Assoc. Prof. Jaromír Mašata) awarded the prizes to two best presentations: to Dr. Renáta Bartáková for her paper *„De novo” malignancies following orthotopic liver transplantation – analysis of 15 years of the programme*, and to Dr. Tereza Lamberská for her *Adaptation of extremely immature newborns in the first minutes of life*. The extraordinary prize was won by Dr. Adéla Planerová for her paper *Rate of willing of parents of children afflicted by early children's caries to co-operate with the paediatric dentist*. The evaluating board for the clinical fields of postgraduate section 1 (Assoc. Prof. Ivo Paclt, Assoc. Prof. Alice Baxová, Dr. Iva Příhodová, Ass. Prof. Markéta Šťastná Marková) awarded the three prizes to best presentations by postgraduate students: to Dr. Jan Šoupal for the paper *Comparison of glycaemic variability with the incidence of retinopathy and impaired threshold of vibration sensation in patients with type 1 diabetes mellitus*, Iveta Šárová for her *Mapping of break sites on chromosome 11 in acute myeloid leukaemia* and Alžběta Vondráčková for her *Identification of two big deletions on chromosome 22q13.33 in combination with point mutation in genes TYMP and SCO2 in two patients with mitochondrial disease*. The extraordinary prize was awarded by the board to Dr. Jan Škrha jr. for the paper *Skin autofluorescence is connected with concentration of soluble receptors for end products of advanced glycation in type 1 and 2 diabetics*.

The award ceremony was held in Faust House on 8th June 2011 at 4 p.m.

Prof. MUDr. Aleš Žák, DrSc.
Vice-Dean for Scientific Activities

Prof. MUDr. Aleksi Šedo, DrSc.
Vice-Dean for Grant Projects and Development of the Faculty

2010 BIBLIOGRAPHY

For several years, the Annual Report of the First Faculty of Medicine of Charles University in Prague has presented surveys of the data collected about publishing activities of the Faculty staff members and their statistical analysis concerning particular types of the documents. In 2010, the total of 2,039 items that fall into the categories under survey were published. The number of publishing authors from the First Faculty of Medicine was 1,229.¹

By the Dean's Order 10/2009, stating the list of organization units of the First Faculty of Medicine of Charles University as well as their official names, in 2010 strictly only those publications (and their possible citations) have been listed that state the allegiance to the Faculty. This measure fully meets the requirements set by the Council for Research, Development and Innovation for including the publications in the Register of Information on Results (RIV) and their subsequent acknowledgement. This also influences the sum of the institutional funding.

The number of citations of their publications according to the Science Citation Index (SCI) and Social Science Citation Index (SSCI) of the Web of Knowledge™ data base was 18,389; this means that in spite of the said strict measures the number of citations rose 4,331, compared to 2009.

In 2010 the total number of 637 authors from the First Faculty of Medicine of Charles University published 534 original and synoptic articles in journals with impact factors (IF). Much more important, however, is the constant rise in quality – the increase in numbers of published items and publishing authors in periodicals with high IF. (See the table and diagram “Development of publishing activity in journals with IF 2000–2010” – page 85) Also the average IF calculated for an author from the First Faculty of Medicine and the calculated average number of citation per author have been increasing.

In the 2007 Annual Report of the Faculty (containing the 2006 bibliographic data), the values of the Hirsch index (h-index) were presented for the first time, both for particular authors and the First Faculty of Medicine as a whole. These values show an upward trend as well, with the h-index = 51 for the Faculty by 31st December 2008, and h-index = 68 by 31st December 2011. (See the table and diagram “Hirsch index” – page 87) In the long-term aspect, the First Faculty of Medicine shows a constant increase in this value as well.

Articles published in periodicals with high impact factors:

2 publications in a journal with IF = 53.484 (New England Journal of Medicine)
 1 publication in a journal with IF = 36.377 (Nature Genetics)
 1 publication in a journal with IF = 36.101 (Nature)
 1 publication in a journal with IF = 33.633 (Lancet)
 1 publication in a journal with IF = 31.364 (Science)
 1 publication in a journal with IF = 30.306 (Nature Nanotechnology)
 2 publications in a journal with IF = 30.011 (JAMA – Journal of the American Medical Association)
 2 publications in a journal with IF = 18.970 (Journal of Clinical Oncology)
 1 publication in a journal with IF = 13.588 (Genome Research)
 1 publication in a journal with IF = 13.471 (British Medical Journal)
 1 publication in a journal with IF = 10.558 (Blood)
 1 publication in a journal with IF = 10.046 (European Heart Journal)
 2 publications in a journal with IF = 9.771 (Proceedings of the National Academy of Sciences of the USA)

2 publications in a journal with IF = 9.230 (Brain)
 2 publications in a journal with IF = 9.082 (Annals of Rheumatic Diseases)
 1 publication in a journal with IF = 9.079 (Plos Pathogens)
 2 publications in a journal with IF = 9.019 (Journal of the American Chemical Society)
 1 publication in a journal with IF = 8.966 (Leukemia)
 1 publication in a journal with IF = 8.755 (Human Reproduction Update)
 2 publications in a journal with IF = 8.234 (Cancer Research)
 2 publications in a journal with IF = 8.058 (Human Molecular Genetics)
 1 publication in a journal with IF = 8.017 (Neurology)
 1 publication in a journal with IF = 7.215 (Arteriosclerosis, Thrombosis, and Vascular Biology)
 1 publication in a journal with IF = 7.047 (Cellular and Molecular Life Sciences)
 1 publication in a journal with IF = 6.886 (Clinical Chemistry)
 3 publications in a journal with IF = 6.802 (International Journal of Cardiology)
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 2 publications in a journal with IF = 6.096 (Endoscopy)
 1 publication in a journal with IF = 6.087 (Environmental Health Perspectives)
 4 publications in a journal with IF = 5.956 (Human Mutation)
 1 publication in a journal with IF = 5.947 (British Journal of Psychiatry)
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 4 publications in a journal with IF = 5.402 (Carcinogenesis)
 1 publication in a journal with IF = 5.391 (Pediatrics)
 1 publication in a journal with IF = 5.361 (Biosensors & Bioelectronics)
 2 publications in a journal with IF = 5.328 (Journal of Biological Chemistry)
 1 publication in a journal with IF = 5.242 (American Journal of Kidney Diseases)
 2 publications in a journal with IF = 5.207 (Journal of Medicinal Chemistry)
 1 publication in a journal with IF = 5.200 (Psychological Medicine)
 1 publication in a journal with IF = 5.132 (Biochimica et Biophysica Acta – Bioenergetics)
 1 publication in a journal with IF = 5.016 (Biochemical Journal)

¹ In 2009 the Faculty management decided that neither abstracts nor their authors would be included any more. All the data for 2000–2009 were therefore adapted considering this decision. For this reason, the total number of authors as well as publications is lower, compared to the older data.

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*Prof. MUDr. Aleš Žák, DrSc.
Vice-Dean for Scientific Activities*



The book on Injuries to cervical spine by Jan Štulík (second left) et al. published by Galén publishing house was presented at a special ceremony in the Academic Club of the First Faculty of Medicine.

Journals with the highest IF where the Faculty staff published in 2010

Title	ISSN	Country	IF 2010
New England Journal of Medicine	0028-4793	USA	53.484
Nature Genetics	1061-4036	USA	36.377
Nature	0028-0836	USA	36.101
Lancet	0140-6736	Great Britain	33.633
Science	0036-8075	USA	31.364
Nature Nanotechnology	1748-3387	Great Britain	30.306
JAMA – Journal of the American Medical Association	0098-7484	USA	30.011
Journal of Clinical Oncology	0732-183X	USA	18.970
Genome Research	1088-9051	USA	13.588
British Medical Journal	0959-535X	Great Britain	13.471
Blood	0006-4971	USA	10.558
European Heart Journal	0195-668X	Great Britain	10.046
Proceedings of the National Academy of Sciences of the USA	0027-8424	USA	9.771
Brain	0006-8950	Great Britain	9.230
Annals of Rheumatic Diseases	0003-4967	Great Britain	9.082
Plos Pathogens	1553-7366	USA	9.079
Journal of the American Chemical Society	0002-7863	USA	9.019
Leukemia	0887-6924	USA	8.966
Human Reproduction Update	1355-4786	Great Britain	8.755
Cancer Research	0008-5472	USA	8.234
Human Molecular Genetics	0964-6906	Great Britain	8.058
Neurology	0028-3878	USA	8.017
Arteriosclerosis, Thrombosis, and Vascular Biology	1079-5642	USA	7.215
Cellular and Molecular Life Sciences	1420-682X	Switzerland	7.047
Clinical Chemistry	0009-9147	USA	6.886
International Journal of Cardiology	0167-5273	Ireland	6.802
Haematologica	0390-6078	Italy	6.532
Journal of Clinical Endocrinology and Metabolism	0021-972X	USA	6.495
Annals of Oncology	0923-7534	Great Britain	6.452
Journal of Lipid Research	0022-2275	USA	6.115
Endoscopy	0013-726X	Germany	6.096
Environmental Health Perspectives	0091-6765	USA	6.087
Human Mutation	1059-7794	USA	5.956
British Journal of Psychiatry	0007-1250	Great Britain	5.947
European Respiratory Journal	0903-1936	Great Britain	5.922
Journal of Pineal Research	0742-3098	USA	5.855
International Journal of Epidemiology	0300-5771	Great Britain	5.759
Sleep	0161-8105	USA	5.486
Journal of Proteome Research	1535-3893	USA	5.460
Journal of Thrombosis and Haemostasis	1538-7933	Great Britain	5.439
Carcinogenesis	0143-3334	Great Britain	5.402
Pediatrics	0031-4005	USA	5.391
Biosensors & Bioelectronics	0956-5663	Netherlands	5.361
Journal of Biological Chemistry	0021-9258	USA	5.328
American Journal of Kidney Diseases	0272-6386	USA	5.242
Journal of Medicinal Chemistry	0022-2623	USA	5.207
Psychological Medicine	0033-2917	Great Britain	5.200
Biochimica et Biophysica Acta – Bioenergetics	0005-2728	Netherlands	5.132
Biochemical Journal	0264-6021	Great Britain	5.016

Total publishing output of the First Faculty of Medicine in 2000–2010

Type of document	POINTS	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
primary publications in scientific / professional journals with IF	7	228	268	297	324	271	328	389	457	379	411	453
primary publications in scientific / professional journals without IF	2 / 1.5	623	712	657	597	716	731	570	501	320	320	267
synoptic articles in scientific / professional journals with IF	10	62	15	7	21	22	25	26	38	42	41	43
synoptic articles in scientific / professional journals without IF	3 / 2	374	235	266	311	276	275	407	360	394	382	424
translation of articles in scientific / professional journals, or of chapters in monographs to/from Czech language	0.25 / 0.5	9	39	26	55	45	12	29	31	0	0	1
case studies	3.5 / 1 / 0.75	42	31	39	44	47	51	51	53	62	64	70
primary articles in newspapers or popularizing scientific journals	0.2	102	85	60	101	114	1	60	85	85	8	20
other types of articles in scientific / professional journals	0.2	176	98	81	121	111	167	182	163	184	144	94
abstracts of conference presentations in scientific / professional journals with IF	This category has not been observed since 2008.											
biographic articles (anniversaries, obituaries) in scientific / professional journals	0.2	2	12	17	24	30	34	23	46	24	10	6
reports of conferences and professional association sessions in scientific / professional journals	0.2	22	26	29	26	33	34	41	38	23	14	34
letter to the editors in scientific / professional journals with IF	2	0	2	3	11	2	4	12	7	12	15	23
letter to the editors in scientific / professional journals without IF	0.5	11	5	6	9	8	74	7	1	3	2	1
multicentric studies in scientific / professional journals with IF*)	7	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	9	15	14
multicentric studies in scientific / professional journals without IF*)	2 / 1.5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1	4	2
publications in proceedings/collections, entries in Pharmindex, Repetitorium, Doporučené postupy in Czech / Slovak language	1	117	83	123	1127	91	107	141	103	114	77	114
publications in proceedings/collections in other than Czech / Slovak language	2	80	60	68	71	61	57	49	43	50	46	19
chapters in monographs in Czech / Slovak language **)	0.5	177	206	213	184	296	424	324	277	216	217	232
chapters in monographs in other than Czech / Slovak language **)	1	22	28	24	21	38	15	23	19	17	35	36
monographs in Czech / Slovak language	0.5	60	64	55	61	52	61	55	54	45	34	34
monographs in other than Czech / Slovak language	1	3	0	1	0	2	6	3	1	4	3	5
textbooks, cyclopaedias, manuals, reference books, dictionaries, popularizing literature in Czech / Slovak language **)	0.5 / 0.2	63	52	114	45	120	21	94	195	109	91	67
textbooks, cyclopaedias, manuals, reference books, dictionaries, popularizing literature in other than Czech / Slovak language **)	1 / 0.4	3	1	0	4	39	2	4	5	3	7	1
patents and inventions, methods	10	1	1	5	4	2	4	2	1	10	11	2
doctorate and professor degree dissertations and theses, MBA theses	2	3	18	11	23	12	10	11	21	10	15	16
scientific/educational presentations: audio, CD, film, video, DVD, 3D, multimedia, data file, SW, expert system, www-document	2	5	24	89	41	30	9	68	72	73	16	15
any other abstracts, miscellaneous (all except for the category conference abstracts)	0.15 / 0.15 / 0.3	332	932	1,162	10	70	67	105	141	72	161	46
Total number of publications		2,517	2,997	3,353	3,235	2,488	2,519	2,676	2,712	2,261	2,143	2,039
Number of authors from the First Faculty of Medicine		845	969	1028	791	896	836	1,167	1,127	1,105	1,083	1,229
Total IF of publications in the category primary/synoptic article with IF		504.6	769.6	704.3	902.6	756.1	1,160.8	1,294.6	1,530.8	1,566.3	1,345.2	1,755.2
Number of authors from the First Faculty of Medicine, publishing in journals with IF		283	356	403	449	461	384	555	547	569	570	637
Number of quotations in SCI		3,802	4,720	5,852	7,150	9,710	10,979	13,950	11,440	12,497	14,020	18,389
Number of authors from the First Faculty of Medicine, quoted in SCI		337	411	498	420	647	541	678	682	686	728	852
Number of articles with IF fulltext		290	285	307	356	295	357	427	502	433	467	520

*) Multicentric studies where the author from the First Faculty of Medicine is shown as one of the main authors and the Faculty is mentioned in the address – n.a. data for the year not collected

**) Value of chapters, monographs, textbooks, cyklopedias, reference books and translations is calculated for every 5 standard pages (every commenced 5 pages; 1 standard page = 30 lines of 60 characters each, or 1,800 characters including spaces) in the publication – indexed in data bases SCOPUS, Web of Science, Medline

Mere editorship or nominal head authorship of a monograph is evaluated as 20 % of the total value of the publication, other authors receive 80 % points of the total value

Total of BIB, SCI and IF points for publications in 2010 – by organization units

Institution	BIB	SCI	IF	BIB + SCI + IF	Standing before conversion	Full-time positions	All points converted per manpower	Standing by points converted per manpower
3 rd Medical Department – Department of Endocrinology and Metabolism	642.57	2,119.50	318.50	3,080.57	1	45.20	68.15	6
Dept. of Rheumatology of First Faculty of Medicine and Rheumatology Institute	89.13	1,674.00	41.77	1,804.90	2	3.85	468.80	1
Institute of Inherited Metabolic Disorders	132.07	1,446.00	181.05	1,759.12	3	57.70	30.49	23
Department of Neurology	161.86	1,271.50	90.99	1,524.35	4	31.20	48.86	10
Department of Paediatrics & Adolescent Medicine	118.92	1,019.00	120.01	1,257.93	5	35.80	35.14	18
Institute of Clinical Biochemistry & Laboratory Medicine	193.54	861.00	145.19	1,199.73	6	11.75	102.10	3
2 nd Medical Department – Department of Cardiovascular Medicine	126.40	936.00	70.55	1,132.95	7	18.20	62.25	7
Department of Gynaecology and Obstetrics	227.47	570.00	127.30	924.77	8	22.65	40.83	15
Department of Psychiatry	372.17	450.50	99.02	921.69	9	69.375	13.29	44
1 st Medical Department – Department of Haematology	113.20	709.50	89.35	912.06	10	15.60	58.47	8
Department of Nephrology	143.88	578.50	36.68	759.06	11	9.35	81.18	5
Institute of Hygiene and Epidemiology	82.00	604.00	63.07	749.07	12	8.40	89.17	4
Institute of Biology and Medical Genetics	39.22	571.50	40.65	651.37	13	22.10	29.47	24
Institute of Anatomy	117.38	433.00	49.82	600.19	14	24.94	24.07	27
Institute of Pathological Physiology	102.91	394.00	58.60	555.51	15	35.70	15.56	39
4 th Medical Department – Department of Gastroenterology and Hepatology	142.69	355.00	26.59	524.28	16	24.00	21.85	29
Institute of Immunology and Microbiology	125.54	249.50	85.19	460.23	17	33	13.95	43
Department of Oncology	92.66	247.00	37.95	377.61	18	8.50	44.43	12
Department of Urology	68.44	285.00	6.88	360.32	19	7.50	48.04	11
Department of Orthopaedics at Motol TH	64.75	270.00	16.78	351.53	20	8.40	41.85	14
Institute of Biochemistry & Experimental Oncology	49.88	220.00	44.42	314.30	21	16.45	19.11	36
Institute of Medical Biochemistry	71.12	224.00	12.85	307.97	22	19.65	15.67	38
Department of Occupational Medicine	72.63	167.00	12.08	251.71	23	4.75	52.99	9
Institute of Pharmacology	27.60	192.00	27.20	246.80	24	7.75	31.85	22
Institute of Physiology	67.26	137.00	35.37	239.63	25	20.5	11.69	48
Dept. of ENT and Head & Neck Surgery at Motol TH	34.27	154.50	22.00	210.77	26	7.60	27.73	26
Department of Radiodiagnostics	53.85	131.00	19.43	204.28	27	5.10	40.06	16
1 st Surgical Department – Dept. of Abdominal, Thoracic Surgery and Traumatology	13.80	172.00	6.95	192.75	28	12.45	15.48	40
Department of Neurosurgery at Central Military Hospital	52.19	85.50	54.05	191.74	29	5.65	33.94	20
Dept. of Infectious & Tropical Diseases at TH Na Bulovce	36.19	132.00	23.24	191.44	30	12.65	15.13	42
Institute of Pathology	38.48	120.00	18.88	177.36	31	8.95	19.82	32
Department of Geriatrics	38.86	129.00	4.90	172.76	32	4.00	43.19	13
Department of Anaesthesiology, Resuscitation and Intensive Medicine	52.50	109.50	5.67	167.67	33	5.25	31.94	21
Institute of Cell Biology and Pathology	19.83	126.00	20.02	165.85	34	15.2	10.91	50
Medical Department at Central Military Hospital	35.34	108.50	20.29	164.13	35	0.70	234.47	2
Institute of Sexology	100.60	54.00	8.91	163.51	36	4.75	34.42	19
Institute of Dental Research	23.36	127.00	9.31	159.67	37	4.00	39.92	17
Institute of Biophysics and Informatics	38.22	103.50	14.05	155.78	38	17.35	8.98	54
Institute of Humanitarian Studies in Medicine	78.01	53.00	7.53	138.54	39	8.30	16.69	37
Department of Dermatology and Venereology	39.47	94.00	4.97	138.45	40	7.00	19.78	33
Dept. of Gynaecology & Obstetrics at TH Na Bulovce	40.10	77.00	8.14	125.24	41	4.25	29.47	25
3 rd Surgical Department at Motol TH	91.97	16.00	7.27	115.23	42	8.75	13.17	45
Institute of Forensic Medicine and Toxicology	12.44	87.00	9.24	108.68	43	5.55	19.58	34
Institute of Histology and Embryology	24.73	59.00	16.47	100.20	44	12.15	8.25	57
Institute of Nursing Theory and Practice	86.12	0.00	0.00	86.12	45	8.7	9.90	52
Institute of General Medicine	69.19	15.00	0.84	85.03	46	4.35	19.55	35
Surgical Department at Thomayer TH	17.28	54.00	3.59	74.87	47	3.30	22.69	28

2 nd Surgical Department – Dept. of Caediovascular Surgery	19.93	46.00	8.02	73.95	48	4.8	15.41	41
Institute of Sports Medicine	3.28	68.50	1.60	73.38	49	3.50	20.97	31
Institute for History of Medicine and Foreign Languages	64.68	7.00	0.00	71.68	50	15.1	4.75	61
Institute of Nuclear Medicine	6.67	50.00	0.54	57.21	51	6.85	8.35	56
Department of Orthopaedics at TH Na Bulovce	5.28	48.00	0.00	53.28	52	5	10.66	51
Department of Stomatology	20.36	26.00	3.92	50.27	53	20.6	2.44	65
Department of Rehabilitation Medicine	20.52	16.00	5.92	42.44	54	9.65	4.40	62
Department of Paediatrics at Thomayer TH	8.13	31.00	0.00	39.13	55	1.80	21.74	30
Department of Ophthalmology	4.93	27.00	0.00	31.93	56	5.3	6.02	60
Institute of Clinical & Experimental Haematology	6.52	11.00	4.37	21.88	57	1.9	11.52	49
Institute of Radiation Oncology at TH Na Bulovce	0.71	21.00	0.00	21.71	58	1.7	12.77	46
Department of Pneumology at Thomayer TH	18.93	0.00	1.54	20.48	59	2.25	9.10	53
Centre of Experimental Biomodels	2.52	16.00	1.66	20.18	60	1.7	11.87	47
Department of Plastic Surgery at TH Na Bulovce	15.16	4.50	0.43	20.10	61	2.25	8.93	55
Department of Ophthalmology at Central Military Hospital	19.90	0.00	0.00	19.90	62	3.2	6.22	59
1 st Department of Tuberculosis and Respiratory Diseases	2.85	11.00	0.00	13.85	63	2	6.93	58
Institute of Public Health and Medical Law	10.30	2.00	0.24	12.54	64	6.05	2.07	66
Department of Phoniatics	6.68	3.00	0.00	9.68	65	3.1	3.12	63
Surgical Department at TH Na Bulovce	4.88	4.00	0.00	8.88	66	3.45	2.57	64
Institute of Scientific Information	4.80	0.00	0.00	4.80	67	6.6	0.73	68
Department of Radiodiagnostics at TH Na Bulovce	0.64	3.00	0.00	3.64	68	5.1	0.71	69
Dept. of Anaesthesiology and Resuscitation at Thomayer TH	0.00	2.00	0.00	2.00	69	1.8	1.11	67
Institute of Spa Medicine	0.00	0.00	0.00	0.00	70-71	1.8	0.00	70-71
Institute of Physical Education	0.00	0.00	0.00	0.00	70-71	11.5	0.00	70-71

Notes:

RIV total – number of points gained under the criteria set by the Government Council for Research and Development.

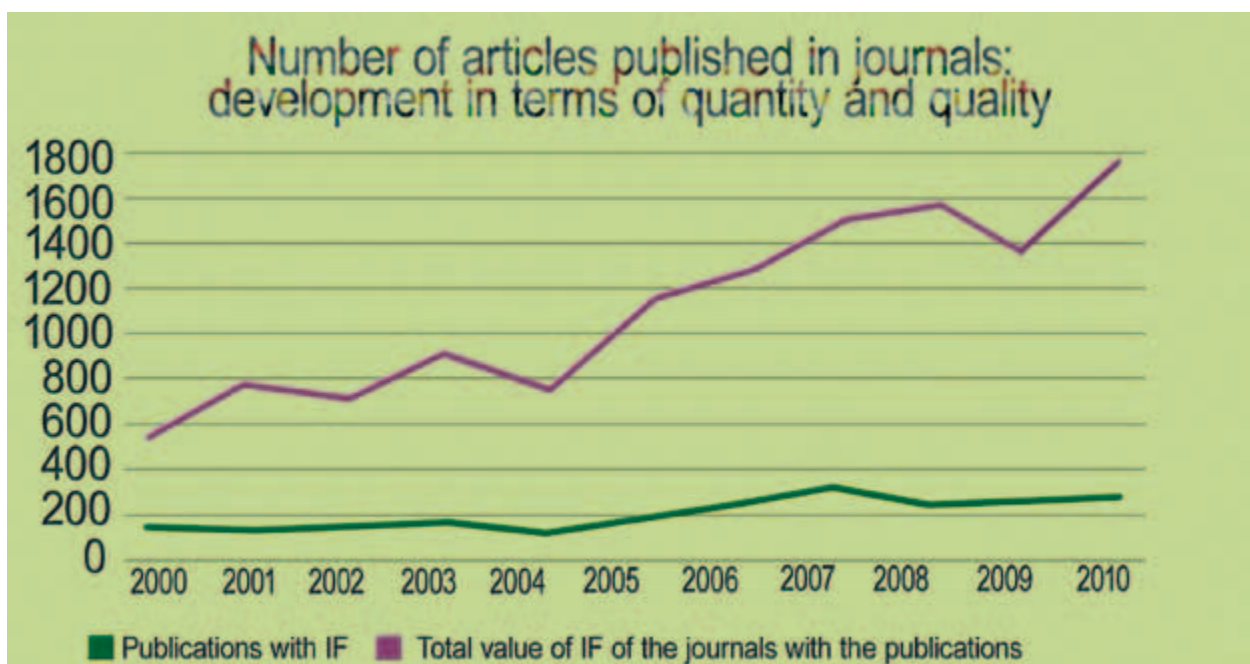
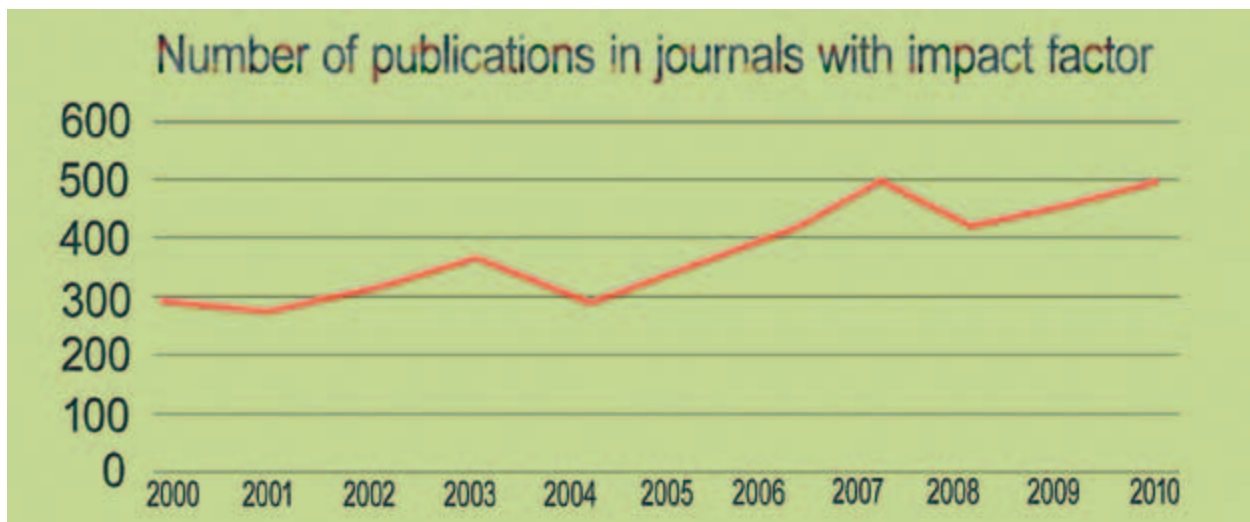
BIB, SCI, IF, BIB+SCI+IF – points in the category / standing by points gained in the given category

number of full-time positions – based on the Personnel Dept. data by 31 Dec 2010

DEVELOPMENT OF PUBLISHING ACTIVITY IN JOURNALS WITH IF NUMBER OF PUBLICATIONS – IF TOTAL IN 2000–2010

The value of the impact factor (IF) is a bibliometric parameter which has a long tradition. It is related to the importance of the journal and its values are yearly published by the Journal Citation Report, part of the Web of Knowledge™ data base. An author's aim is always to publish in the periodical with an IF that is as high as possible (Table 1). The efforts done by the authors from the First Faculty of Medicine have been reflected in the still increasing number of papers published in journals with still higher IF values (Table 2).

	Number of publications with IF	Sum total of IF values of journals with the respective publications
2000	270	504.6
2001	287	769.6
2002	299	704.3
2003	345	902.6
2004	293	756.1
2005	353	1,160.8
2006	415	1,294.6
2007	495	1,530.8
2008	421	1,566.3
2009	452	1,345.2
2010	493	1,755.2



Number of publications in journals with impact factor – 2003–2010

Interval IF	2003			2004			2005			2006		
	original	synoptic	total	original	synoptic	total	original	synoptic	total	original	synoptic	total
50,000–52,589	0	0	0	0	0	0	0	0	0	0	0	0
30,000–39,999	2	0	2	0	0	0	0	0	0	3	0	3
20,000–29,999	1	0	1	1	1	2	6	0	6	1	0	1
15,000–19,999	0	1	1	0	0	0	2	0	2	2	0	2
10,000–14,999	5	0	5	5	0	5	11	0	11	2	2	4
9,000–9,999	0	0	0	2	0	2	1	0	1	1	0	1
8,000–8,999	3	0	3	0	0	0	3	0	3	1	4	5
7,000–7,999	5	1	6	7	0	7	5	0	5	12	0	12
6,000–6,999	11	0	11	13	1	14	7	1	8	6	0	6
5,000–5,999	11	1	12	12	1	13	5	0	5	20	1	21
4,000–4,999	12	0	12	7	0	7	29	1	30	25	1	26
3,000–3,999	48	2	50	32	5	37	37	2	39	52	1	53
2,000–2,999	68	6	74	49	2	51	64	6	70	97	3	100
1,000–1,999	70	2	72	79	6	85	93	4	97	75	3	78
0001–0999	88	8	96	65	5	70	68	8	76	91	12	103
TOTAL	324	21	345	272	21	293	331	22	353	388	27	415

Interval IF	2007			2008			2009			2010		
	original	synoptic	total	original	synoptic	total	original	synoptic	total	original	synoptic	total
50,000–52,589	2	0	2	2	0	2	0	0	0	1	0	1
30,000–39,999	0	0	0	10	0	10	1	0	1	6	0	6
20,000–29,999	2	1	3	2	1	3	0	0	0	0	1	1
15,000–19,999	0	0	0	2	0	2	4	0	4	3	0	3
10,000–14,999	6	0	6	2	1	3	9	1	10	6	0	6
9,000–9,999	4	0	4	1	0	1	4	0	4	8	3	11
8,000–8,999	2	0	2	1	1	2	6	0	6	8	1	9
7,000–7,999	7	0	7	10	1	11	7	2	9	2	0	2
6,000–6,999	6	2	8	8	2	10	9	2	11	13	0	13
5,000–5,999	27	3	30	20	1	21	12	2	14	24	0	24
4,000–4,999	33	2	35	30	1	31	35	0	35	32	3	35
3,000–3,999	58	10	68	47	5	52	59	5	64	53	3	56
2,000–2,999	95	5	100	79	7	86	85	2	87	105	6	111
1,000–1,999	102	10	112	129	17	146	133	10	143	138	14	152
0001–0999	104	14	118	41	9	50	53	18	71	50	13	63
TOTAL	448	47	495	384	46	430	417	42	459	449	44	493

HIRSCH INDEX

The Web of Science data base enables to generate the Hirsch index (H-index) for both particular authors and whole institutions. For the first time in 2007, this new index became part of evaluation of scientific and professional activity of the Faculty staff. In this year's evaluation we therefore have the chance to compare the development between past years. By 31st December 2007 the h-index was 46, by 31st December 2008 it has reached the value of h-index = 51, and by 31st December 2009 we reached the h-index = 55, and **by 31st December 2010 it was as high as the h-index = 61.**

Hirsch index of authors from the First Faculty of Medicine 2007–2011

H-index	2007	2008	2009	2010	2011
60–69	0	1	1	1	1
50–59	0	1	0	0	0
40–49	0	1	1	0	2
30–39	2	1	2	3	3
20–29	11	10	11	10	14
15–19	8	18	22	33	32
10–14	50	56	66	64	81
5–9	154	189	215	238	254
3–4	147	195	208	197	214
1–2	265	292	312	313	306
TOTAL	637	764	838	859	907



On 2nd November 2011, the 2010 prizes of the Czech Medical Society of J. E. Purkinje for the best publication of the year were conferred. Prof. Richard Češka et al. were rewarded for the book *Internal Medicine*, and Prof. Pavel Klener and Dr. Pavel Klener jr. for the publication *New anti-tumour medications and treatment strategies in oncology*. The ceremony took place in the Knight's Hall of the Wallenstein Palace under the auspices of Mr. Milan Štěch, the President of the Senate of the Czech Republic.

H-index – authors from the First Faculty of Medicine who achieved $h \geq 10$ in 2011

Surname	First name	H-index						
Městecký	Jiří	64	Idle	Jeffrey R.	15	Crkovská	Jiřina	11
Prchal	Josef	47	Kolářová	Libuše	15	Gatterová	Jindřiška	11
Martásek	Pavel	40	Ledvinová	Jana	15	Holcátová	Ivana	11
Pravenec	Michal	34	Otová	Berta	15	Klement	Petr	11
Křen	Vladimír	32	Pacovský	Vladimír	15	Kornalík	František	11
Říhová	Blanka	30	Schreiber	Vratislav	15	Kostrouch	Zdeněk	11
Štěpán	Jan	29	Stejskalová	Věra	15	Lukáš	Milan	11
Houštěk	Josef	28	Češka	Richard	14	Neuwirtová	Radana	11
Tlaskalová	Helena	28	Druga	Rastislav	14	Plzánková	Zuzana	11
Pavelka	Karel	26	Dvořánková	Barbora	14	Prázný	Martin	11
Raška	Ivan	26	Frič	Přemysl	14	Růžička	Evžen	11
Haluzík	Martin	23	Kořínek	Josef	14	Šedo	Alexi	11
Elleder	Milan	22	Kraml	Jiří	14	Šenolt	Ladislav	11
Halata	Zdeněk	22	Kršek	Michal	14	Topinková	Eva	11
Hynie	Sixtus	21	Petruželka	Luboš	14	Tvrzická	Eva	11
Mareš	Vladislav	21	Štípek	Stanislav	14	Vokurka	Martin	11
Bencko	Vladimír	20	Zvolský	Petr	14	Živný	Jan	11
Smetana	Karel	20	Čermák	Jaroslav	13	Pinskerová	Věra	10
Škrha	Jan	20	Filipec	Martin	13	Podzimek	Štěpán	10
Tesař	Vladimír	20	Hansiková	Hana	13	Živný	Jaroslav	10
Havrdová	Eva	19	Hřebíček	Martin	13	Betka	Jan	10
Nevšimalová	Soňa	19	Kalousová	Marta	13	Calda	Pavel	10
Vencovský	Jiří	19	Poučková	Pavla	13	Doležalová	Pavla	10
Zeman	Jiří	19	Povýšil	Ctibor	13	Dostál	Ctibor	10
Zima	Tomáš	19	Stopka	Tomáš	13	Dyr	Jan	10
Bednár	Ján	18	Šmíd	František	13	Fuksová	Květoslava	10
Horký	Karel	18	Šonka	Karel	13	Holada	Karel	10
Krejčí	Ivan	18	Vítek	Libor	13	Houštková	Hana	10
Linhart	Aleš	18	Farghali	Hassan	12	Jáchymová	Marie	10
Navrátil	Tomáš	18	Flegel	Martin	12	Kvasnička	Jan	10
Grim	Miloš	17	Hána	Václav	12	Langmeier	Miloš	10
Jonák	Jiří	17	Hilgertová	Jiřina	12	Malík	Jan	10
Kmoch	Stanislav	17	Hradec	Jaromír	12	Marinov	Iurii	10
Kožich	Viktor	17	Jech	Robert	12	Mikula	Ivan	10
Křenová	Drahomíra	17	Lacinová	Zdeňka	12	Pinskerová	Věra	10
Marek	Josef	17	Mourek	Jindřich	12	Pláteník	Jan	10
Michalová	Kyra	17	Papežová	Hana	12	Raboch	Jiří	10
Nečas	Emanuel	17	Petrák	Jiří	12	Sosna	Antonín	10
Sedmera	David	17	Petrovický	Pavel	12	Svačina	Štěpán	10
Aschermann	Michael	16	Prokešová	Ludmila	12	Šeda	Ondřej	10
Cibula	David	16	Trojan	Stanislav	12	Šedová	Lucie	10
Křepela	Evžen	16	Vyoral	Daniel	12	Šterzl	Ivan	10
Nohýnková	Eva	16	Zemanová	Zuzana	12	Widimský	Jiří	10
Stříž	Ilja	16	Bártová	Jiřina	11	Wichterle	Dan	10
Hlišák	Zdeněk	15	Borovanský	Jan	11	Živný	Jaroslav	10
			Cmarko	Dušan	11			

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INSTITUTE OF SCIENTIFIC INFORMATION

Introduction

In the rather recent past, library and information institutes at universities were perceived as utilities of the schools. A revolutionary change was brought out following the adoption of the Act of Schools of Higher Education in 1998, where library and information institutes are included in the hierarchy of the school among "other institutions for education and research, development or other creative activity or providing information service". Introduction of this novelty in practice was often complicated, and old prejudice in everyday practice was thereby not eradicated. Nowadays, however, we can say that the role of a library and information institutes is crucial and plays a key role in educational, scientific, research, development and other processes at colleges and universities. Also the Institute of Scientific Information of the First Faculty of Medicine is to play this role, and so it naturally did in 2011 as well.

Loan services of the library

It is loaning books that is the point of the first contact of the user of the library with the librarian. Loan services are really demanding physically and emotionally, so it may well be surprising that the working team has been stable and unchanged for as long as the past five years. Apart from the basic loan services, such as users' registration, reservations, reminders and loans, of course, these librarians are able to advise the users about issues that are not directly connected with the loan agenda. This means, for example, information connected with the use of the Student Information System (SIS), assistance in search of literature in catalogues and data bases, navigation in various information systems, etc.

In 2011, the total number of 10,035 registered users passed through the loan protocol of the library; they borrowed 201,588 titles to study outside. The total number of visits in the resource room, in an educated guess, nearly approached 160,000.

Thanks to the support from the Faculty management, in 2011 the staff of the Institute of Scientific Information were able to take an active part in the introducing camp for the coming first year students in Dobronice so that the participants could get early information enabling them to get oriented easily in the library. They were not only told about the process of loans but also the use of SIS for the purpose of search for tips concerning the study literature was explained to them. The results of "Mission Dobronice" were really appreciated by the staff of the loan protocol, as an overwhelming majority of the fresh student users, unlike in the years before, were able to use the library services in a completely natural and qualified way.

Acquisition of library documents

To complete the loan process successfully and enable the user to collect adequate study literature, the library collection has to be completed with such new items that can meet the users' requirements in all respects. Nonetheless, it is not possible for the libraries to meet all and any requirements of their users. In our case, pressure is imposed on the teachers by the Faculty management to innovate the lists of study literature in particular subjects and present them in the SIS data base. Then the library staff download particular new entries to include them in the list of the desiderata, and within the bounds of possibility – in terms of finance and availability – make the intentional purchase. The information re-

sources for acquisition include advertisement in editors' brochures and catalogues as well as various exhibitions and promotions. In 2011, the total number of 3,032 new monographic and periodical titles were purchased on the Faculty's funds, outside sources, research concepts and grants. A special case is electronic resources, which will be dealt with in the section *Management of e-resources, search and reference services*.

Processing of library collections

Records of the literature obtained, both monographic and periodical, its information processing and the whole loan process are run in automated systems, which are upgraded by their producers and the input data is checked so that particular processes can be mutually interconnected and tied up. For the staff this means higher requirements in terms of up-to-date qualification. In 2011, a more thoroughgoing control of the data in the records was introduced in processing of the acquisitions in order to ensure top quality and minimal error rate. Subsequently, the records are forwarded to central catalogues of Charles University and the National Library of the Czech Republic. The interconnection of the catalogues enables to inspect and download the records. Although the possibility of downloading may seem economical, it is not always the case as the processing staff must check the record, correct any possible omissions and mistakes, therefore often creating a new record.

Revision of library collections

One of the duties of the library is to keep the library collection up to date, which means continuous discarding of disused and obsolete items. In 2011, the total number of 10,978 copies of various titles were discarded. The great discarding campaign, both in the central library or in the libraries of particular Faculty units, was facilitated by the revision of the library collections which started in 2010. This revision continued in accordance with the aims set by the Dean's Order 5/2010 and methodological guidelines compiled by the Revision Section of the library in the same year.

The actual revision would not be so difficult. However, in concurrence with the re-cataloguing of all items of the current collection it is a really demanding work in terms of labour and time. According to the Library Act (number 257/2001 Coll.), it was necessary, apart with the re-cataloguing in the automated library system Aleph, to search for the missing documents, make records of the missing copies and the discarding lists. Not earlier than after the lists having been approved by the Discarding Board of the Faculty the items in question could be discarded from the collection both in the records and physically. At the institutes and clinical departments of the Faculty, 12 libraries were revised, and on this occasion 3,500 copies of books and journals were retrocatalogued.

It is a duty to appreciate the hard work of the staff of all the particular libraries who took part in the revision. Discarding old publications, searching for the missing ones and all the ensuing agenda are certainly among the hardest tasks in the librarian's profession.

Management of e-resources, search and reference services

Through Charles University, the Faculty is included in the INFOZ programmes, which are established by the Ministry of Education,

Youth and Sports of the Czech Republic to support the information infrastructure of research and development. Thanks to these projects, the staff of our Faculty were able to use bibliographic and other reference bases (Web of Knowledge, MEDLINE, EMBASE, EBSCO, EBM Reviews, ProQuest, MicroMedex) as well as collections (consortia) of electronic journals and books (Elsevier, Springer, Wiley, Oxford, BMJ, Karger, Lippincott Williams and Wilkins). In case of some titles, the access is limited by financial contribution, which is funded by principal researchers of development programmes at the Faculty, while in other cases, such as Dentistry & Oral Sciences Source, the access is enabled by purchase of the titles. We are much obliged to all who gave part of the money from research projects to our Institute for the purchase of these resources.

The Institute of Scientific Information is in charge of management of all electronic resources, which also involves the issues of licences, set-up of access, solution of technological operational problems, but also innovations of particular resources and their subsequent introduction in the user environment.

At the Institute of Scientific Information, management of electronic resources is naturally tied up to reference services, whose aim is to provide every particular user with information about other relevant sources of information. Apart from everyday individual consultations, the employees of the Institute of Scientific Information organize workshops for the staff of the Faculty, General Teaching Hospital, and for other people interested in use of electronic resources, data bases as well as e-books and e-journals. These include, for example, the data bases Best Practice, LexiComp, MD Consult, Up-To-Date, Web of KnowledgeSM, and above all its parts Web of ScienceSM with the Journal Citation Index (values of Impact Factor and Eigenfactor), citation responses and H-index.

Another role of the Institute of Scientific Information in the series of data bases and electronic resources consists in processing requirements for literature search and reference activities. In 2011, the staff of the Institute provided 1,061 literature searches and respective consultations. It is often much more demanding mentally as well as in terms of time to provide a user with information during the consultation to enable him/her to properly use the e-resources than to compile a once-only search on the topic given by the user.

Naturally connected with the search and reference services are the inter-library services, which are intended to obtain the primary documents basing on the outputs of the information resources. Although it has been believed for nearly two decades that everything can be found on the internet, the national and international inter-library service is still much sought for, even when in many (or rather most) cases the traditional mail has been replaced by electronic delivery of documents.

Recording publishing activities and evaluating scientific work

Collecting the data on the publishing activities of the staff of the Faculty and their processing according to the recent criteria of the Register of Information on Results (RIV) of the Government Council for Research, Development and Innovation was one of the routine tasks of the Section of Records of Publication Items and Evaluation of Scientific Research of the Faculty and Editorial Activities in 2011.

This Section prepared the Dean's Order 6/2011, which precisely defines the requirements applied to the data, organization of data collection, and all the necessary technicalities of the process. As the data collection is performed concurrently for the Faculty and the General Teaching Hospital, an identical internal regula-

tion was adopted by the Hospital as well (known as SM-VFN-36). The two documents greatly promoted the quality and clearness of the process. All the deadlines concerning the RIV were kept.

Also the work on the internal data base of citations of the Faculty staff members' publications continued. The pilot operation is planned to start in 2012.

This Annual Report of the First Faculty of Medicine includes the section Bibliography as well, which presents the results of scientific work in 2011, processed and prepared by the Institute of Scientific Information.

In 2011, the Section was organizing workshops focused on current activities (data collection for RIV, publishing activities etc.). Throughout the year, much attention was paid to individual consultations for both the staff in charge and authors of the proposed publications. Then, one of the most positive results is the high degree of exactness of the collected data and the ability to independently prepare surveys as currently needed by particular units or individuals. Further, it goes without saying now that the continuously updated survey of all necessary manuals, guidelines, aids etc. is at the website of the Institute of Scientific Information (section Bibliography – Aids).

The Section plays an active role in preparations group for introduction of the OBD software of DERS company at the University. A tough task to tackle is, above all, the concurrent processing the data from two institutions, i.e. the Faculty and the General Teaching Hospital. On this occasion, we must say thank you to all Faculty units for their model approach to the agenda. Also co-operation with the General Teaching Hospital was excellent as usual.

Co-operation with the Karolinum publishing house

Unlike the years before, 2011 was a real success in terms of the texts submitted for publication at the Karolinum publishing house. During they year and at the turn of 2012, nine titles occurred in print. For better orientation of the authors, the guidelines *Procedure of submitting texts for publication at the Karolinum publishing house* was specified at the web page of the Institute of Scientific Information.

Tuition

Tuition of students in Bachelor and follow-up Master programmes has been one of the major tasks of the staff of the Institute of Scientific Information for more than twenty years. The aim and sense of the tuition is to teach the students the basic rules of how to utilize information resources for the study and writing seminar papers, and above all the final theses. The teaching proceeds, like in other special subjects, from elementary to more difficult things. First the students learn about basic concepts in the area of informatics and librarian's work; then the topics involving object lessons and independent searching follow.

The tuition is really specific, as it is much of a complement to bachelor or master theses. The students of non-medical bachelor degree programmes who pass our courses obtain the basic user skills in work with electronic information resources, orientation in basic forms of oral and written professional communication, and can search out, process and quote the sources for their final theses. The follow-up Master degree programmes in non-medical fields deepen the basic user skills and focus on particular areas of information support for students. In doctoral studies of medical specialties, the sources are directed towards professional and scientific communication, work with other electronic resources, reference and quotation managers, and also inform about bibliometric and scientometric methods of evaluation of publications.

Eventually, participants of our courses undergo a written test and a subsequent oral exam.

Data base of final theses

Since 1 January 2006, the new version of the Act on Schools of Higher Education has requested all colleges and universities to enable access to college qualification papers and theses via a data base. At the First Faculty of Medicine, this duty is specified by the Dean's Order 10/2010 called *Rules for recording, submitting and publishing of final theses*, which put the Institute of Scientific Information in charge of the final role. The first step was taking the records of the papers submitted between 1 January 2010 and 28 September 2010, and entering them in the DigiTool (the University's digital repository) by 30 September 2011. This task was completely finished, and the second phase could be started without delay, which involved the papers submitted between 1 January 2009 and 31 December 2009 (with 30 June 2012 as the deadline). Concurrently with this retro-recording, the theses defended in the current year are being continuously entered in the DigiTool.

Loading the records in the DigiTool is facilitated by modern technology, represented by the Minolta book scanner, purchased by the Faculty management in 2011 for the Institute of Scientific Information not only for the purpose of digitalization of qualification papers. When the device had been tuned up, all petty faults removed and the operator trained in the system of digitalization of texts, the work with the scanner became a routine matter,

which nevertheless requires precision and wide knowledge on the operator's part as well as close co-operation with the Department of Students' Affairs, Department of Science and the SIS manager at the Faculty. All the above take part in completing the system with anything missing.

Photo and video documentation

In the past few years, the needs of the Faculty have changed and shifted from production of photographs to creating the audiovisual media. The focus of the activity of the Section of Photo and Video Documentation therefore is production of videos, which are professionally made by our staff and do not lack any technical details needed (editing, sound, subtitles, graphics, etc.). Apart from new videos made for the purpose of lectures, presentations and teaching, some older documents on media such as VHS cassettes, audiocassettes and 16mm films made at the Faculty have been digitalized. The Section takes part in development of e-learning materials as well.

Conclusion

Besides the said functions and activities, the staff of the Institute of Scientific Information also did some once-only jobs ensuing from the needs of the Faculty and its management.

*Prof. MUDr. Aleš Žák, DrSc.
Vice-Dean for Scientific Activities*

Basic data of the library

Acquisition of the library collection in 2011	3,032
Total library collection	240,854
Number of titles of periodicals taken	156
Electronic titles *	55,947
Total opening hours per week	54
Number of units loaned out	201,588
Number of users of ISI	10,085
Number of users' seats in the resource room	134
Number of volumes freely accessible	8,487

* Electronic periodicals activated by subscription, exchange or donation (incl. consorcial titles)

Structure of financial resources

	2011	2010	2009	2008
Faculty budget	384,118	217,898	697,368	774,654
Special subsidies	2,154,205	2,622,482	1,916,640	1,506,460
Sponsoring & donations	215,717	216,227	111,447	188,321
Other resources	1,163,268	1,025,929	971,133	601,002
Total	3,917,308	4,082,536	3,696,588	3,070,437

Number of inter-library and international loans

	2011	2010	2009	2008
Inter-library – lent	695	602	536	586
Inter-library – borrowed	1,373	1,326	1,648	1,171
International – borrowed	86	97	157	220
Total	2,154	2,025	2,341	1,977

MONOGRAPHS 2011

LIST OF MONOGRAPHS AND TEXTBOOKS BY AUTHORS OR CO-AUTHORS FROM THE FIRST FACULTY OF MEDICINE, PUBLISHED IN 2011 (BY THE PUBLISHERS)

Academia

VEJRAŽKA, Martin; SVOBODOVÁ, Dana. *Terminologiae medicae IANUA: úvod do problematiky řeckolatinské lékařské terminologie pro studenty magisterského studia lékařství*. [Terminologiae medicae IANUA: Introduction into the problems of Graeco-Latin medical terminology for students of Master degree study of medicine.] 2nd ed. Praha : Academia, 2011. 430 pp. ISBN 978-80-200-2017-8.

Academia Medica Pragensia

HÖSCHL, Cyril; PRAŠKO, Ján; ROKYTA, Richard (eds.). *Emoce v medicíně*. [Emotions in medicine.] Praha : Academia Medica Pragensis, 2011. 200 pp. ISBN 978-80-86694-99-3.

Artes Liberales

KOPÁČ, Radim; SCHWARZ, Josef (eds.). *Pohlavní sklony v pořádku? : erotika v kultuře, kultura v erotice (v českém kontextu po roce 1989)*. [Sex preferences O.K.? Erotics in culture and culture in erotics (in the Czech context after 1989).] Praha : Artes Liberales, 2011. 177 pp. ISBN 978-80-904745-5-0.

Axonite CZ

KAREN, Igor; SVAČINA, Štěpán et al. *Diabetes mellitus v primární péči*. [Diabetes mellitus in primary care.] Praha : Axonite CZ, 2011. 196 pp. ISBN 978-80-904899-0-5.

SVAČINA, Štěpán; ŠIROKÝ, Jiří (eds.). *Kuchařka lékařů českých. S nadhledem o životě, jídle a dietních opatřeních*. [Czech physicians' cookery book: Easy about life, food and dietary measures.] Praha : Axonite CZ, 2011. 144 pp.

Brepols Publishers

RAVEN, Maarten J. et al. *Human Skeletal Remains. In The Memphite Tomb of Horemheb Commander in Chief of Tutankhamun*. Turnhout : Brepols Publishers, 2011. 403 pp. ISBN 978-2-503-53110-6.

CAT Publishing

HAVLÍN, Miroslav et al. *Vybrané zajímavosti z oblasti reprodukčního zdraví*. [Selected interesting points in the sphere of reproductive health.] Ostrava : CAT Publishing ve spolupráci se Společností pro plánování rodiny a sexuální výchovu, 2011. 20 pp. ISBN 978-80-904290-3-1.

C. H. Beck

TĚŠINOVÁ, Jolana; ŽDÁREK, Roman; POLICAR, Radek. *Medicínské právo*. [Medical law.] Praha : C. H. Beck, 2011. 414 pp. ISBN 978-80-7400-050-8.

Cambridge Scholars Publishing

WESTRA, Laura; BOSSELMANN, Klaus; SOSKOLNE, Colin (eds.). *Globalisation and Ecological Integrity in Science and International Law*. Newcastle upon Tyne: Cambridge Scholars Publishing, 2011. 493 pp. ISBN 978-1-4438-2734-8.

Cambridge University Press

THORPY, Michael J.; BILLIARD, Michael (eds.). *Sleepiness: Causes, Consequences and Treatment*. Cambridge : Cambridge University Press, 2011. 475 pp. ISBN 978-0-521-19886-8.

Centrum adiktologie, Psychiatrická klinika, 1. LF UK v Praze a VFN v Praze

[Centre of Addictology, Department of Psychiatry of the First Faculty of Medicine Charles University in Prague and the General Teaching Hospital in Prague]

ZÁBRANSKÝ, Tomáš; BĚLÁČKOVÁ, Vendula; ŠTEFUNKOVÁ, Michaela et al. *Společenské náklady užívání alkoholu, tabáku a nefegálních drog v ČR v roce 2007*. [Social expenses of alcohol, tobacco and illicit drug abuse in the Czech Republic in 2007.] Praha : Centrum adiktologie, Psychiatrická klinika, 1. LF UK in Prague a VFN in Prague, 2011. 86 pp. ISBN 978-80-260-1680-9.

Cerebrum

MARŠÁLEK, Pavel; ŠVESTKOVÁ, Olga; JANEČKOVÁ, Marcela et al. *Doporučení k organizaci systému zdravotně sociální péče a pacienty po získaném poškození mozku*. [Recommendations for organization of the system of health social care of patients after acquired impairment of the brain.] Praha : Cerebrum, 2011. 77 pp. ISBN 978-80-904357-5-9.

ROUBAL, Tomáš; MÁTLOVÁ, Martina; SLÁDKOVÁ, Petra et al. *Případová studie společenských nákladů spojených s následky poranění mozku*. [A case study into social expenses connected with sequels of a brain injury.] Praha : Cerebrum, 2011. 68 pp. ISBN 978-80-904357-6-6.

Česká leukemická skupina – pro život

[Czech Leukaemic Group – for life]

DOUBEK, Michael; MAYER, Jiří (eds.). *Postupy diagnostiky a léčby leukemií a jejich infekčních komplikací u dospělých pacientů : doporučení České leukemické skupiny – pro život (CELL)*. [Procedures in diagnosis and treatment of leukaemias and their infection complications in adult patients: Recommendations of the Czech Leukaemic Group – for life (CELL).] [Czechia] : Česká leukemická skupina – pro život, 2011. 149 pp. ISBN 978-80-260-0929-0.

Dolin, s.r.o.

BENCKO, Vladimír; NOVÁK, Jaroslav; SUK, Miloš et al. *Zdraví a přírodní podmínky (medicína a geologie)*. [Health and natural environment: Medicine and geology.] Praha : Dolin, s.r.o., 2011. 398 pp. ISBN 978-80-905047-0-7.

Dr. Josef Raabe

KUKLOVÁ, Ivana; HERLE, Petr et al. *Dermatovenerologie pro všeobecné praktické lékaře*. [Dermatology and venereology for general practitioners.] Praha : Josef Raabe, 2011. 158 pp. ISBN 978-80-87553-28-2.

Galén

ABRAHÁMOVÁ, Jitka (ed.). *Vybrané otázky onkologie XV*. [Selected issues of oncology 15.] Praha : Galén, 2011. 188 pp. ISBN 978-80-7262-450-8.

KLENER, Pavel; KLENER, Pavel. *Základy klinické onkologie*. [Basic clinical oncology.] Praha : Galén, 2011. 96 pp. ISBN 978-80-7262-716-5.

KRŠEK, Michal. *Endokrinologie*. [Endocrinology.] Praha : Galén, 2011. 97 pp. ISBN 978-80-7262-687-8.

PACÁK, Karel; LAZÚROVÁ, Ivica et al. *Endokrinní nádory nadledvin v současné klinické praxi*. [Endocrine tumours of adrenals in current clinical practice.] Praha : Galén, 2011. 240 pp. ISBN 978-80-7262-819-3.

PERLÍK, František. *Základy farmakologie*. [Basic pharmacology.] 2nd amm. & rev. ed. Praha : Galén, 2011. 182 pp. ISBN 978-80-7262-759-2.

PETRUŽELKA, Luboš; BABJUK, Marko et al. *Léčba metastatických nádorů ledvin*. [Treatment of metastatic tumours of kidneys.] Praha : Galén, 2011. 102 pp. ISBN 978-80-7262-758-5.

POVÝŠIL, Ctibor; ŠTEINER, Ivo et al. *Obecná patologie*. [General pathology.] Praha : Galén, 2011. 290 pp. ISBN 978-80-7262-773-8.

SLÁMA, Ondřej; KABELKA, Ladislav; VORLÍČEK, Jiří et al. *Paliativní medicína pro praxi*. [Paliative medicine for practice.] 2nd ed. Praha : Galén, 2011. 363 pp. ISBN 978-80-7262-849-0.

SOTORNÍK, Ivo; KUTÍLEK, Štěpán et al. *Kostní minerály a skelet při chronickém onemocnění ledvin*. [Bone minerals and the skeleton in chronic kidney disease.] Praha : Galén, 2011. 407 pp. ISBN 978-80-7262-769-1.

ZADÁK, Zdeněk; KVĚTINA, Jaroslav et al. *Metodologie předklinického a klinického výzkumu v metabolismu, výživě, imunologii a farmakologii*. [Methodology of pre-clinical and clinical research in metabolism, immunology and pharmacology.] Praha : Galén, 2011. 333 pp. ISBN 978-80-7262-748-6.

ŽÁK, Aleš; PETRÁŠEK, Jan et al. *Základy vnitřního lékařství*. [Basic internal medicine.] Praha : Galén, 2011. 37, 523 pp. ISBN 978-80-7262-697-7.

Galén – Karolinum

DRUGA, Rastislav; GRIM, Miloš; DUBOVÝ, Petr. *Anatomie centrálního nervového systému*. [Anatomy of the central nervous system.] Praha : Galén-Karolinum, 2011. 219 pp. ISBN 978-80-7262-706-6, ISBN 978-80-246-1895-1.

KLENER, Pavel et al. *Vnitřní lékařství*. [Internal medicine.] 4th amm. & rev. ed. Praha : Galén - Karolinum, 2011. 42, 1174 pp. ISBN 978-80-7262-705-9, ISBN 978-80-246-1986-6.

Gaudeamus

VOJTKO, Tibor (ed.). *Speciální pedagogika: teorie a praxe oboru v 21. století: příspěvky ke 100. výročí 1. sjezdu pro péči o slabomyslné a školství pomocné v Praze 1909*. [Special pedagogy: theory and practice in the field in 21st century. Presentations on occasion of 100th anniversary of the 1st Congress for Care of the Feeble-minded and Special Schools in Prague 1909.] Hradec Králové : Gaudeamus, 2011. 278 pp. ISBN 978-80-7435-132-7.

Geum

PERUŠIČOVÁ, Jindřiška et al. *Diabetes mellitus 2. typu*. [Type 2 diabetes mellitus] Semily : Geum, 2011. 583 pp. ISBN 978-80-86256-78-8.

Grada

BARTUŠKOVÁ, Jiřina; PAULÍK, Milan et al. *Vyšetřovací metody v imunologii*. [Examining methods in immunology.] 2nd amm. & rev. ed. Praha : Grada, 2011. 164 pp. ISBN 978-80-247-3533-7.

ČIHÁK, Radomír et al. *Anatomie. Díl 1*. [Anatomy. Part 1.] 3rd amm. & rev. ed. Praha : Grada, 2011. 534 pp. ISBN 978-80-247-3817-8.

DANEŠ, Luděk. *Předčasná ejakulace*. [Premature ejaculation.] Praha : Grada, 2011. 79 pp. ISBN 978-80-247-3915-1.

GILLNEROVÁ, Ilona; KEBZA, Vladimír; RYMEŠ, Milan et al. *Psychologické aspekty změn v české společnosti: člověk na přelomu tisíciletí*. [Psychological aspects of changes in the Czech society: a human at the turn of the millenium.] Praha : Grada, 2011. 256 pp. ISBN 978-80-247-2798-1.

HAINER, Vojtěch et al. *Základy klinické obezityologie*. [Basic clinical obesityology.] 2nd amm. & rev. ed. Praha : Grada, 2011. 422 pp. ISBN 978-80-247-3252-7.

JINDROVÁ, Barbora; STRÍTESKÝ, Martin; KUNSTÝŘ, Jan et al. *Praktické postupy v anestézii*. [Practical procedures in anaesthesia.] 194 pp. ISBN 978-80-247-3626-6.

KALVACH, Zdeněk et al. *Křehký pacient a primární péče*. [A vulnerable patient and primary care.] Praha : Grada, 2011. 399 pp. ISBN 978-80-247-4026-3.

KITTNAR, Otomar et al. *Lékařská fyziologie*. [Medical physiology.] Praha : Grada, 2011. 790 pp. ISBN 978-80-247-23068-4.

KRŠKA, Zdeněk et al. *Techniky a technologie v chirurgických oborech*. [Techniques and technology in surgical specialties.] Praha : Grada, 2011. 262 pp. ISBN 978-80-2417-3815-4.

LUKÁŠ, Karel; ŽÁK, Aleš et al. *Chorobné znaky a příznaky. Část 2*. [Signs and symptoms of disease. Part 2.] Praha : Grada, 2011. 328 pp. ISBN 978-80-247-3728-7.

PTÁČEK, Radek; BARTUŠEK, Pater et al. *Etika a komunikace v medicíně*. [Ethics and communication in medicine.] Praha : Grada, 2011. 528 pp. ISBN 978-80-247-3976-2.

ROZTOČIL, Aleš et al. *Moderní gynekologie*. [Modern gynaecology.] Praha : Grada, 2011. 508 pp. ISBN 978-80-247-2832-2.

SVAČINA, Štěpán et al. *Metabolický syndrom – nové postupy*. [Metabolic syndrome – new procedures.] Praha : Grada, 2011. 72 pp. ISBN 978-80-247-4092-8.

ZEMAN, Miroslav; KRŠKA, Zdeněk et al. *Chirurgická propedeutika*. [Surgical propaedeutics.] 3rd amm. & rev. ed. Praha : Grada, 2011. 512 pp. ISBN 978-80-247-3770-6.

ŽÁK, Aleš et al. *Ateroskleróza*. [Atherosclerosis.] Praha : Grada, 2011. 183 pp. ISBN 978-80-247-3052-3.

**Historická společnost Klatovy
[Historical Society in Klatovy]**

ČERNÝ, Karel et al. *Sborník prací z historie a dějin umění. 6/2011*. [Collection of papers on general history and history of arts.]

6/2011.] Klatovy : Historická společnost Klatovy, 2011. 318 pp. ISBN 978-80-86104-97-3.

InTech

AKIN, Fulya (ed.). *Basic and Clinical Endocrinology Up-to-Date*. Rijeka : InTech, 2011. 350 pp. ISBN 978-953-307-340-8.

BERLI, Daniel (ed.). *Regenerative Medicine and Tissue Engineering – Cells and Biomaterials*. Rijeka : InTech, 2011. 588 pp. ISBN 978-953-307-663-8.

CHAI, Jianyuan (ed.). *Peptic Ulcer Disease*. Rijeka : InTech, 2011. 482 pp. ISBN 978-953-307-976-9.

IANCU, Cornel (ed.). *Advances in Endoscopic Surgery*. Rijeka : InTech, 2011. 444 pp. ISBN 978-953-307-717-8.

RIBERO da ROCHA, José Joaquim (ed.). *Endoscopic Procedures in Colon and Rectum*. Rijeka : InTech, 2011. 156 pp. ISBN 978-953-307-677-5.

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Although the weather was not very favourable, there were really many students at the Medics' Picnic in the garden of the Department of Neurology and Department of Psychiatry, and not only from the First Faculty of Medicine.



Ms Marie Retková, the MC, with the Rector of Charles University Prof. Jan Škrha opened the 123rd Medics Prom Ball.

INTERNATIONAL RELATIONS



INTERNATIONAL RELATIONS OF THE FIRST FACULTY OF MEDICINE

Although the economic depression continued, the international co-operation in 2011 was at a high level of quality as well as quantity. The figures concerning both the exchange programmes and once-only events with international participation were comparable with the years before. The Faculty, however, above all focused on promotion of quality of international relations and deepening the contractual connections made before. In spite of stagnation in some areas, the number of bilateral exchanges based on general contracts of Charles University or the First Faculty of Medicine alone increased. International contacts of particular institutes and clinical departments and their representatives maintain their dynamics. Our contacts include many universities and other scientific institutions abroad, not only in Europe but also in the USA, Australia, Mexico, Latin America. More and more intensive gets the co-operation with Asian partners. A new feature is making contacts with some African countries as well.

In education and science, co-operation takes the form of bilateral educative activities in both undergraduate and postgraduate training, seminars and congresses. The proportion of lectures by foreign professors at the First Faculty of Medicine slightly increased, which was mainly thanks to the better use of possibili-

ties of financing the teachers' mobility. Many foreign presenters took part in conferences and workshops organized by particular institutes as well as professional medical associations in co-operation with the First Faculty of Medicine. The number of our teachers' visits to universities abroad reached a high level.

International student exchange and stays abroad

Among the medical faculties of Charles University, it is the First Faculty of Medicine that offers the students with the widest range of international stays and fellowships. For the academic year 2010–2011, as many as 85 bilateral contracts with partners abroad were concluded or prolonged – new contracts being made with the universities in Lübeck (Germany), Paris 12 (France), Foggia and Rome (Italy).

A key position is still occupied by the ERASMUS programme, which now, since 2008, has become part of the innovated European strategy for educational activities, called Lifelong Learning Programme and also comprising programmes like Comenius, Grundtvig, Leonardo da Vinci or Jean Monet.

Under the ERASMUS programme, altogether 135 our students travelled abroad in 2011, while the number of the incoming stu-



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Vice-Dean for International Relations*

dents was 139. Under the teacher mobility scheme of this programme 24 academic staff members travelled abroad.

In co-operation with the Austrian Lions Club Wien, directed by Prof. Herbert Ehringer, 12 students of the First Faculty of Medicine travelled to Austrian hospitals to take a summer placement; this co-operation has existed since 2004 and the Austrian party has still been sponsoring the accommodation costs for some selected students.

The total number of 12 foreign students took individual study placements at the First Faculty of Medicine, while 2 students of the Faculty travelled for individual study placements as “free movers”, were minimized. This form of student exchange has been encountering the law problem of recognition of the student status beyond European exchange programmes. Therefore the Faculty prepared a draft to enable these students to take stays for the sphere of theoretical training, and at a time provide – at least to some extent – legal as well as insurance protection. Charles University also provides a considerable number of scholarships in various language and specialist courses, in which our students regularly participate.

A considerable activity enhancing the development of international contacts and stays of our students are the placements organized by IFMSA. For one-month placements at the units of the Faculty, 73 students were admitted, while 68 students travelled abroad. They travelled not only to European countries but also overseas. In 2011 we were able to support this exchange activity thanks to the Charles University development programme in the sphere of mobility.

At a time, Charles University provides a considerable number of scholarships for various professional and language courses, in

which our students regularly participate as well. Besides that, a new programme for international post-doc scientists has been developed. Applications for these posts are continuously evaluated, and the First Faculty of Medicine of Charles University possesses several core fields that offer this chance.

The information on bilateral connections made, scope of placements and exchange programmes is through the regularly updated web pages of the Faculty.

Scientific and research co-operation

Scientific projects are implemented by the First Faculty of Medicine in co-operation with a great number of institutions worldwide (see the table). Our institutes are involved in grant projects financed from abroad, including European Union and NIH (National Institution of Health, USA) projects.

International co-operation brought quite a number of publications with a high impact factor which are result of international multi-centre collaboration. The number of prominent representatives of the First Faculty of Medicine in international professional and scientific organizations and associations, directing committees of international projects, editorial boards and consulting boards keeps up a high level, comparable with universities in highly developed countries.

The Faculty's aim is to achieve an even higher quality in international relations and to promote its reputation abroad. This goal is also pursued by the Faculty's transformation into an open and up-to-date basis of medical and biological sciences. The number of contracts made in the past years has achieved a high level: now the first priority of the Faculty is to provide real content matter and above all high standard of quality for this co-operation.

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Vice-Dean for International Relations*

Numbers of students who participated in the exchange stays in 2011

Programme	Outcoming students	Incoming students
Erasmus	135	139
IFMSA	68	73
Fond mobility	24	-
Lions Club	12	-
Free movers	2	12*

* Inc. 2x Visegrad Fund

ERASMUS programme at the First Faculty of Medicine of Charles University

Academic year	Number of contracts	Outcoming	Incoming
1999–2000	3	5	
2000–2001	4	20	
2001–2002	9	34	2
2002–2003	20	59	4
2003–2004	28	76	36
2004–2005	46	99	46
2005–2006	57	104	67
2006–2007	58	121	65
2007–2008	82	138	69
2008–2009	76	164	91
2009–2010	82	158	88
2010–2011	87	139	92

Survey of partner and co-operator universities and their institutions (source – annual reports of the Faculty departments and institutes)

School	Country		
Alexandra Hospital for Children, Sydney	Australia	John Innes Centre, Norwich	Great Britain
University of Sydney, Faculty of Medicine	Australia	King's College Hospital, London	Great Britain
Herzchirurgie Landesklinikum St.Pölten	Austria	Royal Marsden Hospital London	Great Britain
Landesklinikum Thermenregion Mödling, Mödling	Austria	School of Clinical Sciences and Community Health, The University of Edinburgh	Great Britain
Medical University Graz	Austria	St. George's Hospital Medicine School Univ. London	Great Britain
Medical University Linz	Austria	The Royal London Hospital	Great Britain
Medical University Vienna	Austria	University College London	Great Britain
University of Vienna	Austria	University of Cambridge	Great Britain
University Hospital Innsbruck	Austria	University of Edinburgh, Edinburgh	Great Britain
Institut Julese Bordet, Brussels	Belgium	University of Newcastle upon Tyne	Great Britain
St. Pierre Para-University Hospital	Belgium	University of Nottingham, Nottingham	Great Britain
University Hospital, Leuven	Belgium	University of Oxford	Great Britain
University of Antwerpen, Antwerp University Hospital	Belgium	University of Southampton	Great Britain
University Sao Paulo	Brazil	Western General Hospital, Edinburgh	Great Britain
Université de Montreal	Canada	Isztván-Korhász Hospital, Budapest	Hungary
University of Manitoba, Winnipeg	Canada	San Stephen Hospital, Pötöffy útca, Budapest	Hungary
University of Toronto	Canada	The National Maternity Hospital, Dublin, Rotunde Hospital, Dublin	Ireland
University Hospital, Copenhagen	Denmark	Hebrew University of Jerusalem, Jerusalem	Israel
University of Copenhagen	Denmark	Hebrew University, Hadassah School of Dental Medicine Jerusalem	Israel
Aarhus University, Aarhus	Denmark	Medical Center Holon	Israel
Hôpital Européen Georges Pompidou, Paris	France	Catholic University St. Cross, Rome	Italy
Clinique St. Germain, Brive la Gaillarde	France	Instituto Europeo di Oncologia, Milan	Italy
Hôpital Cochin Paris	France	Prima Clinica, L'Mangialli Hospital Univerista Milan	Italy
Hôpital de la Croix-Rousse Université de Lyon	France	Universita La Sapienza	Italy
Hôpital La Muette, Paris, Hôpital Sevres, Faculté de Médecine et Pharmacie L'Université de Lyon	France	University of Verona	Italy
Hôpital Lariboissière, Paris	France	University Torino	Italy
Hôpital Necker Paris	France	Hokkaido University, Sapporo	Japan
Hôpital Tenon Paris	France	Tokyo University of Tech.&Agr., Graduate School of Bio-Applications and Systems Engineering, Tokyo	Japan
Institut Gustave Roussy, Villejuif	France	Cathol. Univ. Nijmegen	Netherlands
Université Paris VI Pierre et Marie Curie, Paris	France	University Hospital Rotterdam	Netherlands
University of Grenoble	France	University of Rotterdam	Netherlands
Charité - Campus Virchow, Humboldt University Berlin	Germany	Centre Medical Amsterdam	Netherlands
Johanes Gutenberg University, Mainz	Germany	Ślaskie Centrum Chorób Serca, Zabrze	Poland
Max Planck Institut für molekulare Genetik, Berlin	Germany	Lekárska fakulta Komenského univerzity, Bratislava	Slovakia
Teaching Hospital University of Rostock, Helios-Clinics Schwerin, Schwerin	Germany	Lekárska fakulta Univerzity J.P.Šafárika Košice	Slovakia
Universität J. W. Goethe, Frankfurt am Main	Germany	Národný onkologický ústav Bratislava, Gyn. por. klinika Martin (perinatology)	Slovakia
Universität Marburg	Germany	Biological Research Centre (CIB), C.S.I.C., Madrid	Spain
Universität Würzburg	Germany	University of Cadiz, Cadiz	Spain
University of Heidelberg, Heidelberg	Germany	Biomedical Center, Lund University	Sweden
University of Münster, Münster	Germany	Karolinska Institutet, Stockholm	Sweden
University of Tübingen, Tübingen	Germany	Karolinska Hematology Hospital, Karolinska Hematology Center, Stockholm	Sweden
University of Jena	Germany	University of Lund – Malmö, University of Göteborg	Sweden
University of Munich	Germany	Basler Kinderspital	Switzerland
Faculty of Dentistry, University of Cardiff	Great Britain	Friedrich Miescher Institut, Basel	Switzerland
Heart Hospital London	Great Britain	University of Berne, Bern	Switzerland
Charing Cross Hospital London	Great Britain	University Bern, Zürich	Switzerland
Imperial College of Medicine, University of London	Great Britain		

Albany Medical College, Ordway Research Institute, Albany	USA
Albert Einstein College of Medicine, NY	USA
Case Western Reserve University, School of Medicine, Cleveland	USA
Center for Biologics Evaluation and Research, Food and Drug Administration, Bethesda, Maryland	USA
Center for Cancer Research, National Institute of Health, Bethesda	USA
Cold Spring Harbor Laboratory, Cold Spring Harbor	USA
Columbia University	USA
Fogarty International Center	USA
Mayo Clinic Rochester, MN	USA
National Cancer Institute, Bethesda	USA
NYU Cancer Institute, NY	USA
State University of New York at Buffalo, Buffalo, NY	USA
Texas Heart Institute, Houston, TX	USA
The Hastings Center, New York	USA
The Rockefeller University, New York	USA

University Hospital, Pittsburg	USA
University Hospital, Rochester, MN	USA
University of Arizona	USA
University of California, Berkeley, CA	USA
University of California, San Diego, CA	USA
University of Colorado, Denver	USA
University of Chicago, IL	USA
University of Iowa	USA
University of Pennsylvania School of Medicine, Philadelphia	USA
University of Texas, Dallas	USA
University of Utah, Salt Lake City	USA
University of Washington, Seattle, WA	USA
Baylor College of Medicine Houston	USA
Harvard University	USA
Wadsworth Center	USA
West Virginia University	USA
Wisconsin University, Madison	USA



The team of collaborators of Wikifectures in an open-air workshop.



The 13th concert of the cycle *The faculty in the heart of Karlovo* was given by Piccolo coro & Piccola orchestra, directed by Mr. Marek Valášek, in the Great Chamber of the New Town Hall; it featured compositions by Jan Novák, Johann Sebastian Bach, Henry Purcell and Georg Friedrich Händel.



Representatives of surgical specialties and the 1st Surgical Department presented two new books in Faust House. Prof. Zdeněk Krška is the author of a book on *Techniques and technology in surgical specialties*, and together with Prof. Miroslav Zeman et al., of *Surgical propaedeutics*.

OUTWARD RELATIONS



OUTWARD RELATIONS

It has become traditional that at the beginning of each academic year the First Faculty of Medicine organizes the Medic Prom Ball and the Open Day of the Faculty. And there was no exception to this rule last year either. Also the year 2011 was started with a big social event at the Žofín Palace, the 123rd Medic Prom Ball, and the Open Day, a special event to help those wishing to study at the Faculty, allowing them to meet the representatives of the First Faculty of Medicine and obtain the information needed for the entrance procedures and studies at the Faculty, which ranks among the prominent medical schools and biomedical research establishments in the Czech Republic as well as in the international scale.

One of the special events of 2011 was the edition of the long prepared comprehensive book about the history and present of the First Faculty of Medicine of Charles University. The history of the Faculty is rich and marked by all milestones of Czech history – the Hussite era, the times after the Battle of White Mountain, the takeover of the University by the Jesuits, the establishment of Charles-Ferdinand University, division into the Czech and German faculties, closing of Czech universities and colleges by Nazi occupants after 17th November 1939, liberation and revival of the University in 1945, the difficult 1950s, the events of 1968 and 1969, the Velvet Revolution in 1989, and the present of the First Faculty of Medicine in all spheres of its activity. The book was compiled by a team led by the Dean of the Faculty, Prof. Tomáš Zima.

In terms of relations to the media, 2011 was another successful year for the Faculty. The management of the First Faculty of Medicine tried to inform the public of all important events that occurred at the Faculty throughout the year.

During 2011, nearly twenty press conferences were organized in co-operation with the General Teaching Hospital, Anti-cancer League, Academy of Sciences of the Czech Republic, Czech J. E. Purkinje Medical Association and other institutions. Regular meetings with journalists at the Academic Club of the First Faculty of Medicine in Faust House have proved useful and become a tradition. The Academic Club has become an informal venue where representatives of the media get informed about hot events and new achievements in medicine and education.

Of the press conferences that took place at the Academic Club of the First Faculty of Medicine in 2011, above all that held on the eve of the 2nd Prague Interdisciplinary Oncologic Symposium with the topic *Doctors and nurses together against malign tumours*. At the beginning of 2012, the Czech version of the international project *Labtestsonline.cz* (www.labtestsonline.cz) for both doctors and patients was successfully launched, with a new, user-friendly design. At the press conference held on this occasion, with the topic *LabTestsOnline.cz – a global and reliably tested on-line friend in health and disease: An available library of laboratory tests and respective diseases*, the journalists learned about a widened offer of detailed information about laboratory investigations in Czech language, descriptions of the most common diseases and glossary of medical terms.

One of those that met special interest was the press conference organized in co-operation with representatives of the Ministry of Health of the Czech Republic, the Association of Medical Faculties and Association of Hospitals on the occasion of the consensus on the major features of the agreement of collaboration between medical faculties and teaching hospitals. This is the first model agreement between medical faculties and teaching hospitals that

includes the issues of co-operation in education, science and research, health care, labour contracts of the staff and material support of education with the aim to promote the aims of medical faculties and teaching hospitals.

In 2011, the International Federation of Kidney Foundations and the International Society of Nephrology proclaimed – for the sixth time – the second Thursday in March (this time 10th March 2011) as the World Kidney Day. The aim of the campaign is to promote information about kidney diseases, the scope of early identification, prevention and treatment in doctors as well as in lay public. On the occasion of the date, another press conference was held, focused on the relations between kidney disease and heart disease.

On the eve of the special symposium on the 60-year history of sleep investigation and the World Sleep Day, the conference *Low-quality sleep and insufficient wakefulness – frequent and important symptoms* took place. The press conference on the occasion of the Urology Week 2011 was an initiative of the European Association of Urology (EAU), which is the European centre associating the national societies of urology and providing education in the specialty. At another conference, Mr. Stanislav Kmoch's team from the Institute of Inherited Metabolic Disorders of the First Faculty of Medicine presented an important discovery – identification of a new gene, in particular *Discovery of a new gene conditioning a serious neurodegenerative disease – Kufs disease*. At the press conference on completion of the project Qualification and education standards for undergraduate training of students of medical faculties. Similarly, a press conference was organized to announce the completion of the OPPK project, where research laboratories of cell biology and metabolomics. At the press conference on the occasion of the 5th anniversary of the birth of the Centre of Photopic Medicine of the First Faculty of Medicine and General Teaching Hospital, the latest techniques in the field of photodynamic therapy were introduced to the public. Further, an extraordinary press conference was organized to inform about the results of entrance exams, which in 2011 took place under complicated conditions when public transport had gone on strike. During 2011, there were also some crucial changes in postgraduate specialist education of doctors and dentists; a press conference held on the occasion by the Faculty management was to inform that after nearly 60 years a substantial part of the training was transferred from the Institute of Further Education in Health to medical schools. Last year, the Faculty could also boast about some renovated premises again, and organized a special press conference on the occasion of the opening of the renovated lecture hall of the Institute of Pharmacology in Purkinje Building.

In collaboration with the Anti-cancer League, two press conferences took place. One was to mark the Czech Cancer Day, and the other was on the occasion of a touring exhibition on tumour prevention.

The Academic Club won the attention of both professional and lay public very quickly not only with the press conferences and exhibitions but also with chat meetings, seminars, social assemblies, concerts, first aid classes, etc. One event that keeps attracting attention is a cycle of live interviews called "Chair for Faust", where the First Faculty of Medicine features interesting personalities of science, politics and culture. In 2011, thirteen outstanding personalities representing the tops of Czech and world science

as well as other well-known personalities who – although not from the medical environment – are closely related and special to the First Faculty of Medicine accepted the invitation. The club visitors therefore got the chance to meet Prof. Pavel Calda, Prof. David Cibula, LtCol. Jakub Frydrych, Assoc. Prof. Debora Karetová, Prof. Petr Pokorný, Dr. Petr Popov, actress Zdenka Procházková, Prof. Aleksi Šedo, Prof. Jakub Schwarz Trojan, Prof. Peter Weiss, Prof. Miroslav Zeman and Master sculptor Olbram Zoubek. Publication of the interviews in a book was supported by B BRAUN Medical, s.r.o. company and the independent internet portal TopLékař.cz.

It has become traditional to present new titles of books in a special ceremony at the Faculty. In the Academic Club of the First Faculty of Medicine, twenty new books by authors from the Faculty were introduced in the course of the year, published by Galén, s. r. o., Grada Publishing, a. s., Triton, s.r.o., Karolinum, Mladá fronta. The books published in 2011 included *S osobnostmi kolem nás, jak je možná neznáte* [With personalities around us as you may not know them] by Karel Meister and Jan Svačina, *Základy lékařské chemie a biochemie* [Basic medical chemistry and biochemistry] by Bohuslav Matouš et al., *Lékařská fyziologie* [Medical physiology] by Otomar Kittnar et al., *Karcinom ledviny* [Kidney carcinoma] by Ivan Kolomb, Tomáš Hanuš, Karel Odrážka, *VIVISECTIO MUNDI, aneb povídání o věcech obyčejných i nevěšedních* [Vivisection mundi, or Talking about ordinary and extraordinary things] by Ctirad John, *Poranění krční páteře* [Injuries to cervical spine] by Jan Štulík et al., *Techniky a technologie v chirurgických oborech* [Techniques and technology in surgical specialties] by Zdeněk Krška et al., *Chirurgická propedeutika* [Surgical propaedeutics] by Miroslav Zeman, Zdeněk Krška et al., *Pediatric* [Paediatrics] by Milan Bayer a kol. a *Urologie* [Urology] by Tomáš Hanuš et al., *Léčba metastatických nádorů ledvin* [Treatment of metastatic tumours of kidneys] by Luboš Petruželka, Marko Babjuk et. al., the 2nd, ammended and revised edition of *Základy klinické obezitologie* [Basic clinical obesitology] by Vojtěch Hainer et al., *O duši medika* [On the medic's soul] by Ctirad John, Štěpán Svačina et al., *Chorobné znaky a příznaky* [Signs and symptoms of disease] by Karel Lukáš and Aleš Žák, *Základy vnitřního lékařství* [Basic internal medicine] by Aleš Žák, Jan Petrášek et al., *Diabetes mellitus v primární péči* [Diabetes mellitus in primary care] by Igor Karen and Štěpán Svačina, *Kuchařka lékařů českých* [Czech physicians' cookery book] edited by Štěpán Svačina, promotional publication *1. lékařská fakulta UK v běhu času* [History and present of the First Faculty of Medicine of Charles University in Prague] by a team of authors led by Tomáš Zima, and *Křeslo pro Fausta 2011* [Cair for Faust 2011] by Jaroslav Hořejší. On the occasion of the 150th anniversary of the birthday of José Rizal, an outstanding personality of the history of the Philippines, there was a special ceremony to present a book by Leoš Středa and Tomáš Zima, who received the prize of the Republic of the Philippines from His Excellence Virgilio Esguerra, the Commander-in-Chief of the knightly Order of José Rizal.

The beautiful rooms of the Academic Club are more and more often used for exhibitions, and not only from the Faculty environment. The Faculty lends these rooms for this purpose to other faculties of Charles University as well as associations and societies. In the spring, the Artistic Physicians' Union organized an exhibition of pictures and sculptures. Its opening was accompanied by presentation of the students' choir KTFACANT. The exhibits were mostly depictions of quiet landscapes and still lives with flowers by scores of doctors whose hobby is drawing and painting. The Artistic Physicians' Union, which associates amateur artists in white gowns, has been functioning since early 1970s, and in its lifetime it has organized 45 exhibitions at most various places – from Staré Hrady u Libáně to the Congress Centre Prague. It was the fifth time that the Faust House was their venue. On 1st November 2011, an exhibition of graphics with Prague

themes, in particular churches and monasteries of the town, opened at the Academic Club; the author was Assoc. Prof. Bronislav Kračmar from the Faculty of Physical Culture and Sport, the Vice-rector for scientific and research activities of Charles University in Prague.

On the occasion of the 150th anniversary of the birthday of José Rizal, an outstanding personality of the history of the Philippines, the Academic Club of the First Faculty of Medicine saw a special ceremony to open a photographic exhibition and present a new book that introduce this exceptional person. The authors of the book are Assoc. Prof. Leoš Středa, the knight of the Philippine Order of José Rizal, and Prof. Tomáš Zima, the Dean of the First Faculty of Medicine, who received the prize of the Republic the Philippines from His Excellence Virgilio Esguerra, the Commander-in-Chief of the knightly Order of José Rizal. This solemn ceremony was also attended by Her Excellence Evelyn Dominguez Austria-Garcia, the extraordinary and plenipotentiary ambassador of the Republic of the Philippines in Prague, and the consul of the Czech Republic in Manila, Ms Kazdová. The book was introduced by Prof. Martin Filipec, main medical director of the European Eye Clinic LEXUM. Other exhibitions in the club included the photographic series *Atriplex sagittata* by Mr. Ivan Polák, or the photographic exhibition *Mountains and valleys* by members of the 13th Chamber Photographic Club at the Institute of Haematology and Blood Transfusion. An event that attracted wide and keen attention was the picture exhibition of clients of the home with special regimen in Terezín *Colours of life in a different aspect*. Due to the extraordinary interest of the public, this exhibition was extended up to January 2012.

Last year, the Academic Club of the First Faculty of Medicine also hosted some events organized by the Czech Medical Academy, Anti-cancer League, and Jonáš Club, which all had signed contracts with the First Faculty of Medicine concerning co-operation in such activities. Inseparable from the life of the Club were – and still are – regular concerts given by the Dixieland Band of the First Faculty of Medicine, led by Professor Jiří Tichý, and the events organized by the Jonáš Club, ATOS (Association of Tourette Syndrome Sufferers), and others.

The Faculty paid much attention to promotion of club activities and social life. Therefore, the Faculty was focused on the support of society and club activities as well as social life. The management of the Faculty wishes to open the Academic Club in particular to the students and all academic community of the Faculty, and was therefore happy to see that the club was frequented, above all, by students, the Union of Czech Medical Students, IFMSA and those who organize the first aid classes for public.

In 2011 the Faculty together with the Humanitarian Medics' Club organized two concerts of the cycle *The faculty in the heart of Karlov*. The spring concert, the 13th in total, took place in the Great Chamber of the New Town Hall, featuring compositions by Jan Novák, Johann Sebastian Bach, Henry Purcell and Georg Friedrich Händel. The 14th concert in the autumn was special not only in terms of the music but above all thanks to the venue, which was the church of the Holy Virgin, St. Jerome and Slavonic patron saints, part of the Emmaus Abbey. With the kind consent of the Prior of the abbey, the First Faculty of Medicine was allowed to organize a concert at a place erected in 14th century by order of Charles IV, the King of Bohemia. Nearly 500 visitors enjoyed the Mass in D major by Antonín Dvořák. Both concerts were given by Piccolo coro & Piccola orchestra, directed by Mr. Marek Valášek.

In 2011, the Faculty took an active role in national and international events such as Open Days of the the University, the fair of higher and life-long education Gaudeamus, the international trade fair Pragomedica 2011, and also the Week of Science and Technology 2011. At the Academic Club, four "cafés" took place, of which one was covered by the First Faculty of Medicine in terms of the topics, and Assoc. Prof. Martin Vokurka made the presenta-

tion *Iron in human body: role, regulation, diseases*. The other cafés were organized by the Academy of Sciences of the Czech Republic; our Faculty contributed to the Week of Science and Technology 2011 with three more presentations.

In 2011 the second golf tournament of the First Faculty of Medicine took place in the beautiful environment of the Golf Club in Sokolov, kindly sponsored by the industrial enterprise Sokolovské strojírný a. s.

The key partner for the First Faculty of Medicine has traditionally been the General Teaching Hospital. Their co-operation has actually lasted for more than 220 years, throughout the history of the hospital. Also in 2010 the Faculty and the General Teaching Hospital collaborated in establishment of a common information centre and together published the journal *Nemocnice* [Hospital], which is to take another form and bias from 2011 on. The Faculty co-operated with some other partners as well, which include the press department of the Rector's Office of Charles University, other faculties of Charles University, other teaching hospitals, other universities, colleges and secondary schools, research institutes, government institutions such as Ministries of Health and Education, the city central authorities, professional organizations and – last but not least – scientific societies and other institutions contributing to promotion of human knowledge in medicine and improvement of quality in university studies home and abroad. The business sphere has become an important partner too.

Striving to deepen the co-operation with the authorities of the district Prague 2, the Faculty participated in several joint activities with them, including – apart from regular events at the New Town Hall – the Children's Day in the garden of the departments of Psychiatry and Neurology of the First Faculty of Medicine and General Teaching Hospital, held under the auspices of the Mayor of Prague 2, and some more events in the area of Karlov and Albertov as well as some other sites within the district. Our Faculty's idea of the Children's Day proved worthy and more institutions join the organizers every year. However, it is the growing interest from children that is the most important thing.

In 2011, promotional materials about the Faculty were issued, such as the Annual Report, internal regulations of the Faculty, book of proceedings of the 11th Student Scientific Conference, a special pictorial calendar of the Faculty for 2011, memorial prints for the alumni and a large number of other prints, publicity materials including a promotion DVD in both Czech and English, and various goodwill gifts.

Medical Information Centre for European Projects

Medical Information Centre for European Projects (MICEP) is a project of the First Faculty of Medicine of Charles University under the EUPRO scheme of the Ministry of Education, Youth and Sports of the Czech Republic. MICEP is a professional contact organization for the sphere of health care nationwide, focused on promotion of participation in EU projects. One of the reasons that led to the establishment of MICEP was the low participation of medical science and research projects in European Union framework programmes, which for our science and research mean not only a chance to get funds but also a chance of international co-operation with other member countries. The main object of MICEP is to provide information about the possibilities of financing of science, research and development projects from the funds of the European Union, mediation of contacts and assistance in preparation and direction of the projects.

During its six-year activity, MICEP has gained a considerable number of contacts not only among Czech institutions but about

those abroad as well. Also the number of consultations about the basic mission of MICEP has kept growing year by year. In 2011 one of the important activities was the participation at the international trade fair Pragomedica 2011, where the MICEP stand worthily represented both MICEP itself and the First Faculty of Medicine of Charles University. Further, MICEP made its presentations at many conferences and seminars, pinpointing the importance of Czech participation in European projects and presenting the procedures leading to successful placing of a European project.

The major events organized by MICEP in 2010 included, above all, the seminar at Pavel Jozef Šafárik University in Košice. This seminar under the title *Issues of intellectual property in EU projects* also included consultation of some topics concerning the possibilities of participation in the EU Framework Programmes in general. Further, MICEP participated in the 4th annual conference of the North-West region operational programmes on the topic *Management in research and development*, where the delegates of MICEP were specially invited to present the lecture *Possibilities of participation of small and medium-sized businesses in the EU projects*, dealing in particular with the scope of participation of small and medium-sized businesses in structural funds.

Of much importance for the further activities of MICEP was the participation in the international conference called 9th International Scientific Practical Conference and World Health Summit 2011. The asset of participation of MICEP in these conferences consisted in promotion of the international position and also in gaining the teaching materials for the sphere of IPR, which will be made a good use of in further activities of MICEP.

More information about the activities of MICEP in 2011, new opportunities for scientists and researchers as well as other topical news connected with the EU Framework Programmes can be found at <http://www.micep.cuni.cz/>.

Medical Data Centre (MDC)

The Medical Data Centre is an independent partner for providers, payees and regulators of health care in the Czech Republic. It was established at the First Faculty of Medicine of Charles University as a research centre for the Ministry of Health of the Czech Republic under the project *Improvement of the system of management of health care in the Czech Republic* in 2008. Its activity focuses, above all, on the systems of classification of procedures and diseases, such as ICD-9cm or ICD-10 PCS, and their mapping concerning the national classification and systems of terminology (SNOMED CT) as a prerequisite for reasonable introduction of eHealth, which represents applications of information and communication technologies throughout the scope of functions influencing the health and health services. It is also engaged in development of a completely new type of classification of health care in the Czech Republic, which in terms of extent is one of the highly aggregated classifications employed in case-mix systems (DRG), and a very detailed classification of procedures. The MDC team assesses the case-mix systems of acute inpatient care but recently is mainly concerned with reasonable grouping of outpatient care. It creates educational programmes in the field of cost-effectiveness of inpatient health care (the KEP system of clinical/economic profile of care). The Centre started to develop the field of health technology assessment (HTA) with the aim of widening the base of HTA in the Czech Republic through engagement of the academic sphere. The knowledge gained through the research will be transferred to tuition in the form of educational modules for both undergraduate and postgraduate studies.

Prof. MUDr. Aleš Linhart, DrSc.
Vice-Dean for Outward Relations

JOURNALS AT THE FIRST FACULTY OF MEDICINE

In 2011, the Faculty was the editor of the bimonthly *Folia Biologica*, the quarterly *Prague Medical Report* and the occasional publication *Acta Universitatis Carolinae – Medica*.

Folia Biologica

Editor in chief: Prof. MUDr. Tomáš Zima, DrSc., MBA
 Executive editors: Prof. MUDr. Jan Bubeník, DrSc.; MUDr. Zdeněk Kostrouch; Prof. MUDr. Karel Smetana, DrSc.
 Language editor: PhDr. Šárka Takáčová

In 2011, 94 texts were submitted, of which 53 were rejected and 28 accepted to be published. In spite of this positive trend the impact factor slightly decreased to 0.729, compared to the 2009 figures. Nonetheless the journal still ranks among the most influential periodicals on cell and molecular biology in the region.

Prague Medical Report

Editor in chief: Prof. MUDr. Miloš Langmeier, DrSc.
 Executive editors: Prof. MUDr. M. Babjuk, CSc., MUDr. Kateřina Jandová, PhD.
 Language editor: Prof. MUDr. Jaroslav Pokorný, DrSc.

The journal has still more been gaining a multidisciplinary character with a special clinical bias, which makes it attractive for clinically focused authors above all. The editors received 57 texts, of which 34 were accepted for publication and 11 rejected. In 2011, an application to enter the journal in the list of periodicals with the impact factor was placed but – regrettably – the negotiation was not successful. The journal prize for authors under 35 years of age was awarded to Mr. J. Kořen for the article *Retrospective analysis of the results of high-dose chemotherapy with the support of autologous blood stem cells in patients with multiple myeloma*.

Acta Universitatis Carolinae – Medica

No volume was published.

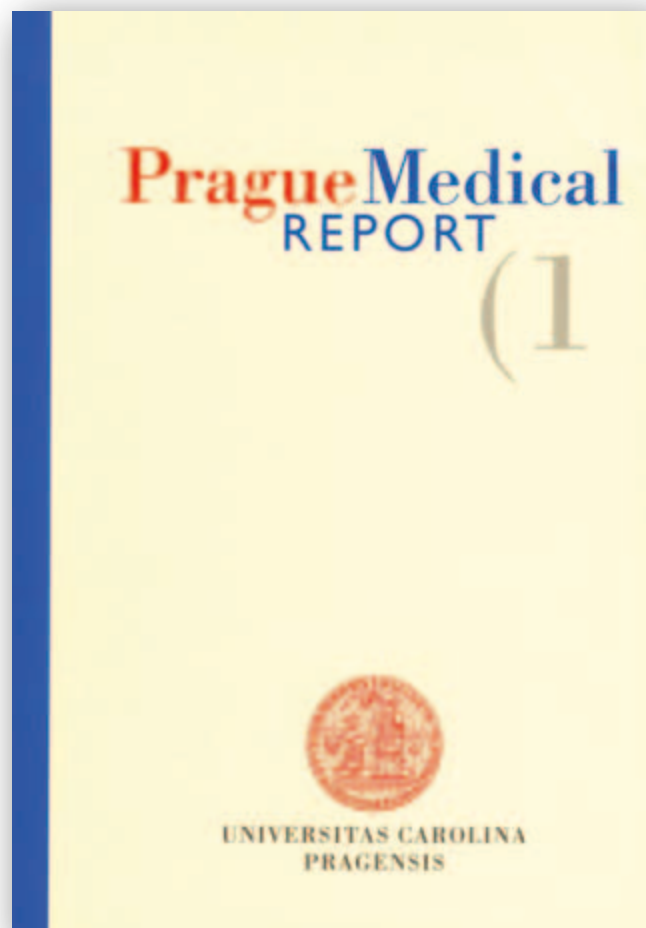
Organizational and technical support for edition of the Faculty's journals

Organizational and technical support for edition of the Faculty's journals is provided by Ms Vlasta Helekalová and the technical editorial board composed of Mr Jiří Frühauf and Ms Lucie Šulcová.

*Prof. MUDr. Karel Smetana, DrSc.
 member of Dean's Office Board of the Faculty*



Master sculptor Olbram Zoubek accepted the Dean's invitation to the Chair for Faust. A sculpture by this renowned artist decorates the lobby of the Dean's Office at the Faculty.



MANAGING REPORT



AUDITOR'S REPORT





INDEPENDENT AUDITOR'S REPORT

We have audited the accompanying financial statements of The First Faculty of Medicine of Charles University in Prague, which comprise the balance sheet as of 31st December 2011, and the income statement for the year then ended. These financial statements are part of the Charles University in Prague financial statements.

Statutory Body's Responsibility for the Financial Statements

The Statutory Body of The First Faculty of Medicine of Charles University in Prague is responsible for the preparation of financial statements that give a true and fair view in accordance with Czech accounting regulations and for such internal control as statutory body determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the Act on Auditors and International Standards on Auditing and the related application guidelines issued by the Chamber of Auditors of the Czech Republic. Those laws and regulations require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation of the financial statements that give a true and fair view in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the

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PKF Audit s.r.o. | Karlova 48 | 110 00 Praha 1
Zapsaná Městským soudem v Praze, oddíl C, vložka 153437, IČ 28924011



entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements give a true and fair view of the financial position of The First Faculty of Medicine of Charles University in Prague as of 31st December 2011, and of its financial performance for the year then ended in accordance with Czech accounting regulations.

Prague, June 13th, 2012



PKF Audit s.r.o.

Karlova 455/48, 110 00, Prague 1

Certificate number of the audit firm No. 502

Jan Jindřich

Auditor

Certificate number of the auditor No. 1133

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Zapsaná Městským soudem v Praze, oddíl C, vložka 153437, IČ 28924011

The First Faculty of Medicine of Charles University in Prague

Balance sheet

(in CZK)

For The Year Ended December 31, 2011

Indicat.	ASSETS	Line no.	Current accounting period	Previous accounting period
			Net	Net
	TOTAL ASSETS (l. 02 + 30)	001	1 688 038 227	1 643 131 218
A.	Fixed assets (l. 03 + 12 + 22)	002	1 353 630 951	1 377 497 047
A. I.	Intangible fixed assets (l. 04 to 11)	003	31 219 700	29 782 235
A. I.	1. Incorporation expenses	004		
	2. Research and development	005		
	3. Software	006	27 257 027	24 967 043
	4. Valuable rights	007		
	5. Low value intangible assets	008	3 267 744	3 652 883
	6. Other intangible fixed assets	009	694 929	529 179
	7. Intangible fixed assets under construction	010		633 130
	8. Advance payments for intangible fixed assets	011		
A. II.	Tangible fixed assets (l. 13 to 21)	012	2 410 354 207	2 342 757 749
A. II.	1. Works of art	013	1 421 558	1 346 558
	2. Constructions	014	1 295 683 617	1 033 680 915
	3. Separate movable items and sets of movable items	015	1 052 158 277	989 256 422
	4. Perennial crops	016		
	5. Breeding and draught animals	017		
	6. Low value tangible fixed assets	018	50 780 285	58 809 431
	7. Tangible fixed assets under construction	019	10 163 919	259 517 870
	8. Advance payments for tangible fixed assets	020		
	9. Other tangible fixed assets	021	146 552	146 552
A. IV.	Accumulated depreciation (l. 23 to 29)	022	-1 087 942 955	-995 042 937
A. IV.	1. Accumulated depreciation - software	023	-22 293 659	-19 852 865
	2. Accumulated depreciation - low value intangible assets	024	-3 267 744	-3 652 883
	3. Accumulated depreciation - other intangible assets	025	-560 258	-529 179
	4. Accumulated depreciation - buildings	026	-312 257 154	-284 192 604
	5. Accumulated depreciation - equipment	027	-698 637 303	-627 859 423
	6. Accumulated depreciation - low value tangible assets	028	-50 780 285	-58 809 431
	7. Accumulated depreciation - other tangible assets	029	-146 552	-146 552



Indicat	ASSETS	Line no.	Current accounting period	Previous accounting period
			Net	Net
B.	Current assets (l. 31 + 38 + 48 + 53)	030	334 407 276	265 634 170
B. I.	Inventory (l. 32 to 37)	031	1 741 097	1 826 313
B. I.	1. Material	032	1 741 097	1 819 414
	2. Work-in-progress and semi-products	033	0	6 899
	3. Finished products	034		
	4. Animals	035		
	5. Merchandise	036		
	6. Advance payments for inventory	037		
B. II.	Receivables (l. 39 to 47)	038	24 456 724	25 959 505
B. II.	1. Trade receivables	039	546 055	1 909 116
	2. Other receivables	040	198 365	94 387
	3. Receivables - substantial influence	041		
	4. Receivables - employees	042	180 117	738 602
	5. Social security and health insurance	043		
	6. Value added tax	044	198 509	85 368
	7. Short-term deposit given	045	12 396 890	9 939 825
	8. Estimated receivables	046	0	0
	9. Other receivables from partners	047	10 936 789	13 192 208
B. III.	Short-term financial assets (l. 49 to 52)	048	304 466 561	233 706 148
B. III.	1. Cash and valuables	049	375 844	302 735
	2. Bank accounts	050	304 090 717	233 403 413
	3. Cash in transit	051	0	
	4. Short-term financial assets acquired	052		
B. IV.	Accruals (l. 54 to 56)	053	3 742 893	4 142 205
B. IV.	1. Deferred expenses	054	3 711 925	3 961 300
	2. Complex deferred costs	055		
	3. Exchange rate differences	056	30 968	180 905



Indicat.	TEXT	Line no.	Current accounting period	Previous accounting period
	TOTAL LIABILITIES (l. 58 + 67) + l. 001	057	1 688 038 227	1 643 131 217
A.	Capital and reserves (l. 59 + 63)	058	1 454 151 233	1 441 876 891
A. I.	Total equity (l. 60 to 62)	059	1 452 648 726	1 440 435 686
A. I. 1.	Equity	060	1 355 854 115	1 379 720 209
2.	Funds	061	96 794 611	60 715 477
3.	Differences from revaluation of assets	062		
A. II.	Profit / loss account (l. 64 to 66)	063	1 502 507	1 440 905
A. II. 1.	Profit/loss of current period (+/-)	064	503 526	310 573
2.	Profit/loss of current period (+/-) in approval	065	0	0
3.	Accumulated losses/profit from previous years	066	1 861 559	1 551 688
4.	Intercompany profit/loss account	066	-862 578	-421 356
B.	Other sources (l. 68 + 73 + 84 + 94)	067	233 886 995	201 254 626
B. I.	Reserves (l. 69 to 72)	068		
B. I. 1.	Reserves under special statutory regulations	069		
2.	Reserves for pension and similar payables	070		
3.	Income tax reserve	071		
4.	Other reserves	072		
B. II.	Long-term payables (l. 74 to 83)	073		
B. II. 1.	Trade payables	074		
2.	Payables - controlled and managed organization	075		
3.	Payables - substantial influence	076		
4.	Payables from partners, cooperative members and association members	077		
5.	Long-term advances received	078		
6.	Bonds issued	079		
7.	Long-term notes payable	080		
8.	Estimated payables	081		
9.	Other payables	082		
10.	Deferred tax liability	083		

Indicat.	TEXT	line no.	Current accounting period	Previous accounting period
B. III.	Short term payables (l. 85 to 93)	084	90 726 502	77 101 836
B. III. 1.	Trade payables	085	2 814 583	3 606 219
2.	Payables - controlled and managed organisation	086		
3.	Payables from partners	087	-3 363 849	-2 985 924
4.	Payables - employees	088	37 204 087	31 652 113
5.	Social security and health insurance payable	089	21 254 616	17 241 742
6.	Payables - state	090	37 557 510	38 026 668
7.	Payables - local government authority	091	-845 295	1 721 486
8.	Short-term deposits received	092	217 184	50 000
9.	Estimated payables	093	-7 744 564	-17 493 557
10.	Other payables	094	3 632 230	5 283 089
B. IV.	Accruals (l. 95 to 97)	095	143 160 492	124 152 790
B. IV. 1.	Accrued expenses	096		
2.	Deferred revenues	097	142 413 081	123 899 579
3.	Exchange rate differences	098	747 411	253 211



The First Faculty of Medicine of Charles University in Prague
Profit And Loss Statement
(in CZK)
For The Year Ended December 31, 2011

Expenses	Line no.	activity		total
		head	economic	
Consumption of material (501)	002	110 170 934	2 036 148	112 207 082
Consumption of energy (502)	003	28 576 262	0	28 576 262
Consumption of other non-stockable supplies (503)	004	0	0	0
Cost of merchandise sold (504)	005	0	0	0
Total services	006	138 747 196	2 036 148	140 783 343
Maintenance (511)	007	30 393 576	72 598	30 466 174
Travel expenses (512)	008	17 285 106	17 294	17 302 400
Representation cost (513)	009	958 899	240 949	1 199 848
Other outside services used (518)	010	41 319 793	1 037 061	42 356 855
Wages and salaries (521)	012	463 455 118	2 047 248	465 502 366
Statutory social security expenses (524)	013	152 359 149	406 441	152 765 590
Other social security expenses (525)	014	0	0	0
Legal social expenses (527)	015	9 142 659	0	9 142 659
Other social expenses (528)	016	7 493 747	0	7 493 747
Road tax (531)	018	12 785	0	12 785
Property tax (532)	019			0
Other taxes and fees (538)	020	9 445		9 445
Total other services	021	722 430 277	3 821 591	726 251 868
Contractual fines and penalties (541)	022	0	0	0
Other penalties (542)	023	14 273	528 948	543 221
write-off of uncollectibles (543)	024			0
Interest (544)	025	1 492		1 492
Exchange rate losses (545)	026	1 990 345	22 218,25	2 012 563
Gifts (546)	027			0
shortages and losses (548)	028	13 974		13 974
Other expenses (549)	029	106 780 411	3 179 317	109 959 728
Total amortization	030	108 800 494	3 730 484	112 530 978
Amortization of intangible and depreciation of tangible assets (551)	031	121 671 270	0	121 671 270
Net book value of sold tangible and intangible assets (552)	032	0	0	0
Sold securities and deposits (553)	033	0	0	0
Purchase price of sold raw materials (554)	034	0	14 616	14 616
Creation of legal reserves (556)	035	0	0	0
Creation of legal allowances (559)	037	0	0	0
Contribution given org. Unit (581)	038	0	0	0
Contribution given (582)	039	0	0	0
Total expenses	042	1 091 649 237	9 602 838	1 101 252 075
Internal expenses	042	1 213 930	116 520	1 330 450
Total expenses incl. Internal expenses	042	1 092 863 167	9 719 358	1 102 582 525



Revenues	Line no.	activity		total
		head	economic	
Total Revenues from own production and services	043	177 807 611	12 445 335	190 252 946
Revenues from own products (601)	044			
Revenues from rendering services (602)	045	177 807 611	12 445 335	190 252 946
Revenues from merchandise (604)	046	0	0	0
Change in inventory of work in progress (611)	048	0	0	0
Change in inventory of semi-finished products (612)	049	0	0	0
Change in inventory of own products (613)	050	0	0	0
Change in inventory of animals (614)	051	0	0	0
Capitalisation of materials and merchandise (621)	053	0	0	0
Capitalisation of own services (622)	054	0	0	0
Capitalisation of intangible assets (623)	055	0	0	0
Capitalisation of tangible assets (624)	056	0	0	0
Total of other revenues	067	175 645 080	1 053 476	176 698 556
Contractual fines and delay interest (641)	058	0	0	0
Other fines and penalties (642)	059	0	0	0
Revenues from un-collectable receivables (643)	060	0	0	0
Interest (644)	061	3 448 813	1 019 343	4 468 157
Exchange rate profits (645)	062	3 091 625	8 276	3 099 901
Clearing of equity accounts (648)	063	31 616 081	0	31 616 081
Other revenues (649)	064	137 488 562	25 856	137 514 418
Total revenues from sale	065	0	585 049	585 049
Revenues from sale of tangible and intangible assets (652)	066			
Revenues from sale of securities and deposits (653)	067			
Revenues from sale of raw materials (654)	068	0	585 049	585 049
Revenues from short-term financial assets (655)	069			
Clearing of legal reserves (656)	070			
Revenues from long-term financial assets (657)	071			
Clearing of legal allowances (659)	072			
Contributions received from operational units (681)	074			
Contributions received (682)	075			
Membership fees received (684)	076			
Total operating grants	077	740 041 005	0	740 041 005
Operating grants (691)	078	740 041 005	0	740 041 005
Total revenues	079	1 093 493 696	14 083 860	1 107 577 557
Internal revenues	079	-5 332 187	840 683	-4 491 504
Total revenues incl. Internal revenues	079	1 088 161 509	14 924 543	1 103 086 052

Net income/loss before taxation	080	-4 701 659	5 205 185	503 526
Income tax - current year	081	0	0	0
Net income/loss after taxation	082	-4 701 659	5 205 185	503 526



ATTACHMENTS



STUDENTS' ACTIVITIES



UNION OF CZECH MEDICAL STUDENTS

2010 was the year of dramatic changes concerning not only the management of the Union but also all students who frequent the resource room, library or study room of the Union of Czech Medical Students. So in this Annual Report I would like to put emphasis on the continuity and tradition of the Union of Czech Medical Students, which has taken its firm roots at the Faculty. I do believe this will be the case in future as well. Like the Union of Czech Medical Students is beneficial for our Faculty, the support from the Faculty is of equal importance for the existence of the Union.

By 18th November 2011, an incredible number of 1,105 members were registered at the Faculty, which means 80 members more than the last year. This increase would hardly be possible without the chance to present our Union at the freshmen's summer camp at Dobronice. That is actually what made the still widening pool of our members so younger in such an incredibly short time.

THE NEWS OF THE YEAR IN 2011

The Union's premises in Faust House

In 2011 we carried on finishing our premises. These changes were more conspicuous than those the year before. Thanks to the support from the Dean. Prof. Tomáš Zima, our library received new lighting, a big cupboard to hold the promotional materials, and several computers in the resource room, run by the Union, were replaced. We really appreciate this support and are happy that the Dean frequently visits the Union rooms.

We equipped the club room with a microwave oven, too. In mid-October we hired a business to clean the carpets and chairs, and then the thorough cleaning in the room followed. By the end of the year we plan to buy another cupboard on the Union budget money. Further, we purchased two collapsible tents, which we then used when organizing the Picnic and lent for the Children's Day, where we took part as well. The size of the tents is 3 by 3 metres. During the year they are available for all student organizations.

Students' Union of Charles University

As one of the charter members, our Union of Czech Medical Students settled down even more firmly in the university organization – the Students' Union of Charles University – last year. The Union of Czech Medical Students is the only representative of our Faculty in the Council of the Students' Unions of Charles University. Besides that, we also naturally supported such events as the Miss Charles University competition and Ice-hockey Battle 2011, which are organized by the Council of the Students' Unions. The Union of Czech Medical Students organized the crowd to support our team, which won and forwarded to the finals. Now we are looking forward to the larger crowd that we are going to organize to support the team of Charles University in the Ice-hockey Battle finals in the summer semester. We participated in compiling the manual for prospective students of Charles University as well.

Sale of the Faculty souvenirs

The Union of Czech Medical Students goes on selling the Faculty souvenirs. In the past year we again managed to create a brand collection of men's and women's T-shirts with the logo of the First Faculty of Medicine. These come in several colours and in all sizes.

We also sell white T-shirts with collars, which were in great demand. As in the years before, also available are mugs, which – however – are always sold out immediately. Our concern, when commissioning all the items, was high quality of all the materials used, so we had contacted the REDA a.s. company, which guaranteed a high quality of printing and offered discounts. Again we carried on the sale of sweatshirts, which we did completely free for English Parallel, transferring all the money earned for the benefit of the "English" student organization MEDSOC.

Union of Czech Medical Students and new media

We are fully aware of the necessity of using the new media. At the social network Facebook we are running two web pages at the moment: our own site of Union of Czech Medical Students, and the site of the Erasmus Students' Office in English language. We have more than 870 fans, and new ones are coming every day. We intend to make maximum use of this medium and promote it as we find the use of Facebook the most effective way of communication with the young generation.

We also take part in managing the Faculty website, which has nearly 1,000 fans at the moment. Further, we are in charge of a section at both the official and unofficial web pages of the Faculty. However, the development of the internet does not mean disusing the classical form of communication such as the info stand at the Department of Students' Affairs, where we set up a standing presentation of the Union and IFMSA. The latter is an organization we share the premises and much more.

Workshops for prospective graduates

In the past year we organized two workshops for prospective graduates of our Faculty. The students got a chance to learn about the scope of jobs abroad. A renowned German job agency outlined the situation at the labour market in the Federal Republic of Germany. Several graduates have got jobs at German clinical departments through this agency. The response from the young physicians is highly positive.

Our Erasmus Students' Office (ESO)

For the incoming students we have been organizing the "Buddy Programme" for many years. The international students can contact students studying in Czech language, who are helpful for them mainly at the beginning of the stay in the Czech Republic, both in orientation to the Faculty and dealing with some official matters.

The icebreaking party for the incoming students took place at the K4, the University students' club. Actually there were two such parties in the year. The autumn party met a lot of keen interest from the Erasmus students as usual, which was really rewarding for us. Then the students moved from the club to the Star Rave-up, where admission was free for them.

The ESO members have been preparing some more projects for incoming students as well. To list just the most interesting of them such as the trip to Karlštejn Castle, Prague Tour, Day in the Zoo, ESO – bowling tournament or the steamboat trip on the Vltava. The St. Nicholas Karaoke Party and ESO – bowling tournament are yet about to take place. We carry on the co-operation with the Charles University International Club, which organizes a similar programme within the University.

In the past year again, as usual, we assisted to Prof. Pokorný in technical support for evaluation of results of the competition for the Erasmus/LLP programme as well as in allotting the particular placements in the lecture hall of the Institute of Physiology.

Co-operation beyond the Faculty

In 2011 we widened the scope of co-operation with partners outside the Faculty, in particular with the Faculty of Natural Science, which shares the area of Karlov and Albertov with us. With the Faculty of Natural Science, we co-operated both with its Department of Outside Relation and the student organization SKAS. The pilot project, called Albertov Open Air, took place outside the Institute of Physiology.

During the year, several organizations addressed the Union of Czech Medical Students; these contacts mostly involved offers of volunteer jobs (health supervision of summer camps and outdoor schooling, etc.). Specifically for the graduates we helped to find some jobs abroad. Thanks to our collaboration with some German agencies, scores of our graduates were able to find jobs in the Federal Republic of Germany. Next lectures on the topic *Scope of jobs in Germany* took place on 24th and 29th November.

Among those who offered volunteer jobs was also the Czech Medical Society of J. E. Purkinje.

Further, Klinik für Innere Medizin – Klinikum Chemnitz in Germany contacted us, offering clinical placements for four students in the 5th or 6th year of studies. The placements will be implemented in the summer months of 2012, nevertheless, we started advertizing them through the media available as early as in December. The prerequisites are a very good command of German language and a letter of motivation in German. Throughout the placement, the students will get free meals and accommodation and receive a bursary amounting to EUR 400 per month.

During the “Thanks – we’re leaving” campaign, the Union of Czech Medical Students made the contact with the Young Doctors association. This group organized a press conference in the Academic Club to state their attitude towards the “Thanks – we’re leaving” initiative. This press conference was attended by journalists from both public service and private-owned TVs, radios and newspapers.

We co-operated with the General Teaching Hospital in Prague as well. In particular, the collaboration concerned promotion of activities on the occasion of the Volunteers’ Year. The main project that we promoted was the lecture *Students and volunteer activities*. It was held on 5th May 2011.

In early May, there was a meeting of representatives of medical student associations of all medical faculties in the Czech Republic with the President of the Czech Medical Chamber Dr. Milan Kubek, and subsequently a lecture for students of clinical specialties in the Faust House on 12th December 2011 to explain the importance and way of functioning of the Czech Medical Chamber.

The Union of Czech Medical Students became a media partner to the International Students’ Medical Congress 2011 in Košice.

From the H&H publishing house we received the donation of books, worth about 20,000 Czech crowns, from the Raabe publishing house another worth 1,000 crowns, and from the publishing house Zdravotnické noviny more books, worth about 6,000 Czech crowns.

OTHER UNION PROJECTS

Textbook exchange

On 10th October 2010, the annual students’ textbook exchange took place for the fourth time, this time in the Academic Club. Also publishing houses that offer literature on medical topics in the Czech market, such as Maxdorf, Karolinum, H&H and Triton. For

the students they all offered 20 per cent discount on their publications.

Drop of Blood

This project, launched in December 2008, has become one of our regular events. In co-operation with the Department of Blood Transfusion of the General Teaching Hospital we motivate students to blood donorship. In 2010 only one donor session took place but for the first time in more than one day – between 7th and 10th November 2011. Regretfully, the number of student donors only increases very slowly, in spite of all our attempts and short talks during the lectures in clinical subjects.

Open Day of the First Faculty of Medicine

On the Open Day in January we tried to help at all the institutes and departments of the Faculty that were open, mainly by answering questions not only of the prospective students but also of their parents. We are really happy to see the interest of the fresh 1st year students in membership of the Union, which is mainly due to the presentations at the Open Days, where we try to introduce them in the studies as well as the social life.

Social events

Every year we take part in organization of the Medic Prom Ball of the First Faculty of Medicine, and it was the case with the 123rd ball as well. At the moment we are distributing special tickets for the 124th ball! On the 24th November, the reservation started, and a bit later the sale of students’ tickets. Creation of the reservation system was aided by the MATFYŽÁK club this year again. 2010 was the first year the system was used, and thanks to the system it was also the first year with no complaints concerning the reservations.

Star Rave-up is a traditional party at the Hvězda (“Star”) club. This time there were two of them as usual, and for the first time smoking was banned completely. The events took place on 11th April 2011 and 17th October 2011. With scarce exceptions, the students respected the prohibition, and breathing in the club was much easier! Those who happened to overlook the ban apologised on the first notice and immediately stopped smoking all right. Such behaviour of the medics was a nice surprise: obviously, the young generation want to have fun in an intelligent way, respecting their own and their friends health. Actually the Star Rave-up is the biggest medics’ party in the country, and that in the autumn was already the 27th in line!

1+6 Medic Party, an event where prospective alumni meet the freshmen, took place in February in co-operation with the Medics’ Humanitarian Club – traditionally in the club – on 5th December 2011. When promoted on the Facebook, this event received very positive response.

2010 picnic – bad weather has been a faithful companion of this students’ picnic since 1999 when it was organized first. Who could then ever hope that these events will take place every year, and even in 2011! Sadly, this time the temperature was just slightly above the freezing point in the morning, and the rain was profound whole the day. As a result, the number of visitors was the smallest ever since the beginnings of this event.

Sports tournament – for December the Union had planned the second annual bowling tournament for students. The intention was to attract more students from Bachelor degree programmes and make the event kind of pilot project to boost the inclusion of students of non-medical programmes in social life at the Faculty.

Projects for children

The 2011 Children’s Day was one of the very popular events for children that the Union helps to organize every year.

On the 2011 St. Nicholas Eve we, like in the past eleven years, visited the clinical departments of the General Teaching Hospital

in the traditional disguise of St. Nicholas, Devil and Angel in order to give out small presents, such as sweets, fruit and small toys, to children who had to spend the holiday in hospital. This time, thanks to the great interest on the students' part, the children in the Thomayer Teaching Hospital were visited too. The presents were really generous, thanks to both students and employees of the First Faculty of Medicine. The basket began to fill with cuddly toys, toy cars and sweets as soon as the charity collection was announced.

Members of the executive:

Petr Kohut
Lea Heřtová
Imrich Kiss
Václav Pěkný
Monika Hošková
Zbyněk Vávra
Adam Rosenberg
Julie Trpělková
Jiří Kohout
Radoslav Pin

Chairman:

Jiří Kohout

Vice-chairman:

Radoslav Pin

Jiří Kohout
Chairman of the Union
of Czech Medical Students executive board



An absolutely unique event was the 14th concert in the autumn, given in the church of the Holy Virgin, St. Jerome and Slavonic patron saints, part of the Emmaus Abbey. This is a place erected in 14th century by order of Charles IV, the King of Bohemia. The public was briefly addressed by the Vice-prior Aleš Vandrovec, the Faculty Dean Prof. Tomáš Zima, and Dr. Marek Hříšer. Nearly 500 visitors enjoyed the Mass in D major by Antonín Dvořák.

ACTIVITIES OF THE IFMSA LOCAL BRANCH AT THE FIRST FACULTY OF MEDICINE OF CHARLES UNIVERSITY

Officers at local branch

16th November 2011 – 31st August 2012

local president (LP) – Adéla Furmánková
 local co-ordinator for public relations (LPR) – Lukáš Vincze
 local co-ordinator for clinical placements (LEO) – Julie Trpělková
 local co-ordinator for research placements (LORE) – Tereza Kočišová
 local co-ordinator of projects for public health (LPO) – Zbyněk Vávra
 local co-ordinator for medics' education (LOME) – Zuzana Vlčková
 local co-ordinator of projects for healthy reproduction & AIDS prevention (LORA) – Adam Rosenberg
 contact (LP Adéla Furmánková): lp.1lf@ifmsa.cz

Students' placements abroad in 2012

In 2011, 72 students of our Faculty (ranging from the 2nd to 6th year of studies) travelled abroad for fellowships, and 59 out of the number went for clinical placements in the following countries: Brazil, Bulgaria, Catalonia, Chile, Croatia, Egypt, France, Ghana, Greece, Hungary, Indonesia, Italy, Latvia, Lithuania, Macedonia, Mexico, Montenegro, Oman, Peru, Poland, Portugal, Romania, Russia, Serbia, Sudan, Spain, Taiwan, Thailand, Tunisia, Turkey; and another 13 students for research placements in the following countries: Brazil, Egypt, France, Greece, Italy, Macedonia, Portugal, Russia, Thailand, Tunisia, Turkey.

Pre-exchange training (PET) was organized for students going to a research placement in order to provide them with the basics of scientific activity. The lecturers were Dr. Emil Pavlík (cultural leasing), Dr. Lukáš Lacina (handling tissue cultures) and Ms Jitka Šrajerová (work with literature).

The number of incoming students at the Faculty in 2010 was 62, particularly 56 for clinical placements and 6 for research placements. They were received at clinical departments of the General Teaching Hospital in Prague, Central Army Hospital, Teaching Hospital Na Bulovce and Motol Teaching Hospital as well as at theoretical units of the First Faculty of Medicine. A varied social programme was prepared for the students (in September together with the IFMSA branch at the Second Faculty of Medicine) which received a 20,000 crown subsidy from the Dean of the Faculty, Prof. Tomáš Zima. We also actively kept in touch with Ms Jana Netolická from the Faculty's Department of International Relations, who was very helpful in providing accommodation for the students and solving similar problems.

On 1st November 2011, competition for placements abroad took place, again in the form of English language test. To the test score, premium points were added for active work for the local IFMSA branch and some other volunteer activities. Then the list of the applicants was arranged according to the total number of points, and the students were able to start making their choice from the offer of placements in the same order.

2011 PROJECTS

National projects:

Medical Café

Co-ordinator: Zuzana Vlčková (LOME)

In December 2011 our first Medical Café took place, with many visitors, who were not only medical students. This may have been because of the attractive topic "The might of marijuana in medicine" and above all our special guest, the Dean of the Faculty, Prof. Tomáš Zima. The relaxed atmosphere was enhanced by Vojtěch Poštulka's jazz improvisations. The event was arranged by the Krásný ztráty café, the Union of Czech Medical Students, Science Café Czech Republic and supported in the media by the First Faculty of Medicine of Charles University, the association Motolák, the iforum, ukacko.cz, and the capital city of Prague.

Teddy Bear Hospital

Co-ordinator: Zbyněk Vávra (LPO)

This successful long-term project was carried on by a still widening base of volunteers. During the year we visited 15 kindergartens (about 300 children), mostly in Prague and South Bohemia, and participated in the Children's Day in the garden of the Department of Psychiatry and at the premises of Thomayer Teaching Hospital in Krč. For the activities performed under this project, we received a donation from the ADRA ČR charity, which was bandages, plasters and other dressing material after the expiry date.

World AIDS Day

Co-ordinators: Adam Rosenberg (LORA), Jan Rychlík

In 2011 for the first time this involved a unique project based on co-operation of all three medical faculties in Prague. Between 28th November and 1st December the students interested in the issue took part in a rich programme, which included the lecture *Pregnancy with HIV* by Assoc. Prof. Jozef Záhumenský, the show of the film *Rent* at Budeč halls, sales of ribbons in the centre of Prague, and the highlight – students assembled at Wenceslas Square in Prague to create a live image of a ribbon. Promotion of the campaign had started about one week before and was supported by journalists from TV Metropolis in their TV broadcasting. The money collected for the ribbons was 21,719 Czech crowns, all transferred to the account of the Czech AIDS Help Society.

Local projects:

Medics on the Bummel – co-operation with Doctors Without Borders Presentation by IFMSA CZ at the freshmen's summer camp at Dobronice for the coming first year students.

Long-term co-operation with the Union of Czech Medical Students concerning organization and preparation of events at the First Faculty of Medicine of Charles University.

For the next year, 2012, we are considering several new projects and extension of the volunteer base to keep up the work of our branch.

For the local IFMSA branch at the First Faculty of Medicine of Charles University in Prague
 Adéla Furmánková
 local president (LP)

FIRST AID FOR PUBLIC

Reversible damage to cells of CNS occurs in 2-3 minutes after the supply of oxygen is cut off. After five minutes the damage to the cells becomes irreversible. In the past few years the rescue ambulances in Prague have been able to reach the site of an accident in 8-15 minutes, depending on the intensity of the traffic...

We are a group of students and alumni of the First Faculty of Medicine of Charles University. Under the auspices of Prof. T. Zima, the Dean of the faculty, and Assoc. Prof. M. Stříteský, the Head of the clinical Department of Anaesthesiology, Resuscitation and Intensive Care of the First Faculty of Medicine and General Teaching Hospital, and with the support of the Academic Club of the First Faculty of Medicine, we organize lectures on the basics of first aid for wide public in our spare time. This is completely done by volunteers, and the lectures at the premises of the First Faculty of Medicine are completely free for all visitors. The lecture, however, is unofficial and does not entitle the participants to any certificates or formal qualifications.

We do not limit the number of participants at a lecture.

In two hours we try to give the participants as much information on providing first aid in such most common conditions as the arrest in breathing and heart action, brain stroke, unconsciousness, bleeding and some other situations, as bites by venomous animals, burns, poisonings etc.

Always with us is a resuscitation dummy to practise CPR on, which was presented to the Faculty by the Roche company thanks to Prof. T. Zima. Our aim is that all participants can try how to give external heart compressions and mouth-to-mouth rescue breaths by themselves. We assume that several minutes of practical training are much more valuable than hours of lectures.

For his expert assistance, we really appreciate Dr. M. V. Vávra from the clinical Department of Anaesthesiology, Resuscitation and Intensive Care of the First Faculty of Medicine and General Teaching Hospital.

The First Aid for Public project has been in operation for nine years. Since the beginning, we must have instructed several thousand people. We also take part in the events organized by the First Faculty of Medicine, such as the 2007 to 2011 Children's Days in the garden of the Department of Psychiatry.

Our students' recent activity was aimed at the team of the volunteer nursing service in the district Prague 6.

It's above all our students who started participating in the project that take credit for the current activities. They are well-received and really appreciated by the instructed public as well.

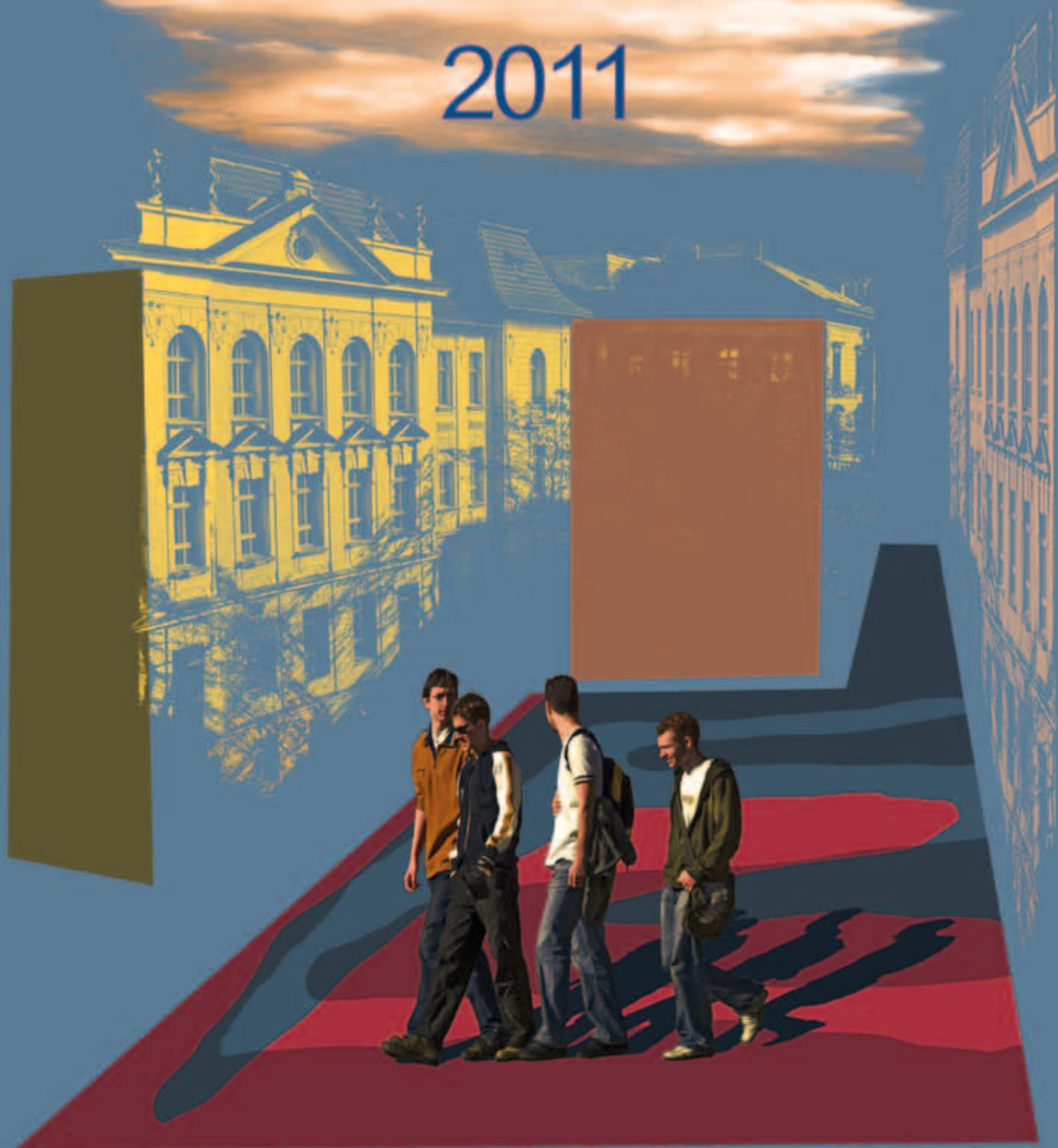
For future we plan to carry these activities on and train some young medical students to join our ranks.

*On behalf of First Aid for Public
MUDr. Michaela Ingrischová and MUDr. Barbora Jindrová*



First aid at the children's summer camp at Vrbno u Blatné.

LIST OF UNITS, BY 31TH DECEMBER 2011



LIST OF UNITS OF THE FIRST FACULTY OF MEDICINE, BY 31TH DECEMBER 2011

SCIENTIFIC / EDUCATIONAL INSTITUTIONS OF THE FACULTY

Institute of Anatomy

U Nemocnice 3, 128 00 Praha 2, tel.: 224 965 780,
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Head: prof. MUDr. Karel Smetana, DrSc.
E-mail: anat@lf1.cuni.cz

Institute of Physiology

Albertov 5, 128 00 Praha 2, tel.: 224 968 430, 224 968 432,
224 968 420, fax: 224 918 816
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Institute of Biochemistry and Experimental Oncology

U Nemocnice 5, 128 53 Praha 2, tel.: 224965 732, 22496
5736, tel. /fax: 22496 5741
Head: MUDr. Alexi Šedo, DrSc.
E-mail: chem2@lf1.cuni.cz

Institute of Biophysics and Informatics

Salmovská 1, 120 00 Praha 2, tel.: 224 922 605,
224 923 519, 224 912 554
Na Bojišti 3, 128 01 Praha 2, tel. /fax: 224 922 342
Head: prof. MUDr. RNDr. Jiří Beneš, CSc.
E-mail: biof@lf1.cuni.cz

Institute of Cell Biology and Pathology

Albertov 4, 128 01 Praha 2, tel.: 224 910 315, 224 916 248,
fax: 224 917 418
Head: prof. RNDr. Ivan Raška, DrSc.
E-mail: lge@lf1.cuni.cz

Institute for History of Medicine and Foreign Languages

Kateřinská 32, 121 08 Praha 2, tel.: 224 923 665,
224 964 291-3, 224 964 108
E-mail: dejiny@lf1.cuni.cz
Karlovo nám. 40, 120 00 Praha 2, tel.: 224 963 449,
tel. /fax: 224 920 301
Head: prof. PhDr. Milada Říhová, CSc.
E-mail: jazyky@lf1.cuni.cz

Institute of Spa Medicine

Hlavní 390, 353 01 Mariánské Lázně, tel.: 354 622 352
Head: Mgr. Petr Hála (provisional Head of the Institute)
E-mail: petr.hala@ujop.cuni.cz

Institute of Medical Biochemistry

Kateřinská 32, 121 08 Praha 2, tel.: 224 964 281,
fax: 224 964 280
Head: prof. MUDr. Stanislav Štípek, DrSc.
E-mail: chem1@lf1.cuni.cz

Institute of Pathological Physiology

U Nemocnice 5, 128 53 Praha 2, tel.: 22496 5901,
22496 5916, fax: 22491 2834
Head: prof. MUDr. Emanuel Nečas, DrSc.
E-mail: patfy@lf1.cuni.cz

Institute of Histology and Embryology

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22496 8135, fax: 22491 9899
Head: doc. MUDr. Tomáš Kučera, Ph.D.
E-mail: histol@lf1.cuni.cz

Institute of Humanitarian Studies in Medicine

Karlovo nám. 40, 128 00 Praha 2, tel.: 224 963 442,
224 963 447, tel. /fax: 224 921 694
Head: doc. Th.Dr. Václav Ventura, Th.D.
E-mail: human@lf1.cuni.cz

Institute of Social Medicine and Public Health

Karlovo nám. 40, 128 00 Praha 2, tel. /fax: 224 963 422,
tel.: 224 963 439
Head: MUDr. Mgr. Jolana Těšinová
E-mail: usm@lf1.cuni.cz

Institute of Physical Education

Salmovská 5, 120 00 Praha 2, tel.: 224 965 816,
tel. /fax: 224 922 463
Head: PaedDr. Jana Doležalová
E-mail: telvy@lf1.cuni.cz

Institute of Nursing Theory and Practice

Vídeňská 800, Thomayer Teaching Hospital, Building A1,
140 59 Praha 4, tel.: 261 083 538
Head: Mgr. Eva Marková (provisional Head of the Institute)
E-mail: osetro@lf1.cuni.cz

Institute of General Medicine

Albertov 7, 128 00 Praha 2, tel. /fax: 2249 17479
Head: doc. MUDr. Bohumil Seifert, Ph.D.
E-mail: vseole@lf1.cuni.cz

SCIENTIFIC / EDUCATIONAL CLINICAL INSTITUTIONS OF THE FACULTY

Joint Institutions with General Teaching Hospital

Department of Dermatology and Venereology

U Nemocnice 2, 128 21, tel.: 22492 0610, 22496 2421,
fax: 22492 3759
Apolinářská 4, 121 08, tel.: 22492 1717
Head: prof. MUDr. Jiří Štork, CSc.
E-mail: kozni@lf1.cuni.cz

Institute of Pharmacology

Albertov 4, 128 00 Praha 2, tel.: 224 968 146, 224 968 104,
fax: 224 921 867
Head: doc. MUDr. Ondřej Slanař, Ph.D.
E-mail: farm@lf1.cuni.cz

Department of Phoniatics

Žitná 24, 120 00 Praha 2, tel.: 22496 4931,
tel. /fax: 22494 3051
Head: doc. MUDr. Olga Dlouhá, CSc.
E-mail: fonia@lf1.cuni.cz

Department of Geriatrics

Londýnská 15, 120 00 Praha 2, tel.: 22251 0106,
22252 1104, 22252 0690, fax: 22251 4294
Head: prof. MUDr. Eva Topinková, CSc.
E-mail: etopink@lf1.cuni.cz

Department of Gynaecology and Obstetrics

Apolinářská 18, 128 51 Praha 2, tel.: 22491 2964,
22496 7 425, 22496 2440, fax: 22492 2545
Head: prof. MUDr. Alois Martan, DrSc.
E-mail: jurbano@lf1.cuni.cz

1st Surgical Department – Clinical Department of Abdominal, Thoracic Surgery and Traumatology

U Nemocnice 2, 120 00 Praha 2, tel.: 22492 2272,
22496 2212, tel. /fax: 22491 8642
Head: prof. MUDr. Zdeněk Krška, CSc.
E-mail: chir1@lf1.cuni.cz

2nd Surgical Department – Clinical Department of Cardiovascular Surgery

U Nemocnice 2, 128 00 Praha 2, tel.: 22496 2709,
22492 3478, fax: 22492 2695
Head: doc. MUDr. Jaroslav Lindner, CSc.
E-mail: chir2@lf1.cuni.cz

1st Medical Department – Clinical Department of Haematology

U Nemocnice 2, 128 08 Praha 2, tel.: 22496 2527,
22492 3049, fax: 22492 3268
Head: prof. MUDr. Marek Trněný, DrSc.
E-mail: int1@lf1.cuni.cz

2nd Medical Department – Clinical Department of Cardiology and Angiology

U Nemocnice 2, 128 08 Praha 2, tel.: 22496 2605,
22492 2692, fax: 22491 2154
Head: prof. MUDr. Aleš Linhart, DrSc.
E-mail: int2@lf1.cuni.cz

3rd Medical Department – Clinical Department of Endocrinology and Metabolism

U Nemocnice 1, 128 08 Praha 2, tel.: 22491 6603,
22496 2922, fax: 22491 9780
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4th Medical Department

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Department of Nephrology

U Nemocnice 2, 128 08 Praha 2, tel. /fax: 224 962 696
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Department of Anaesthesiology, Resuscitation and Intensive Care

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22491 6921, fax: 22496 2118
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Department of Paediatrics and Adolescent Medicine

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E-mail: detske@lf1.cuni.cz

Department of Occupational Medicine

Na Bojišti 1, 128 08 Praha 2, tel.: 22496 4530, 22496 4521,
22496 4510, fax: 22491 4570
Head: prof. MUDr. Daniela Pelclová, DrSc.
E-mail: nempov@lf1.cuni.cz

Department of Rehabilitation Medicine

Albertov 7, 128 00 Praha 2, tel.: 224 968 478, 224 968 491,
224 968 479, fax: 224 917 898
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1st Department of Tuberculosis and Respiratory Diseases

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Department of Neurology

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Department of Ophthalmology

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22496 3030, fax: 22491 8650
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Department of Oncology

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22491 7830, fax: 22492 1716
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E-mail: petruzel@vfn.cz

Department of Psychiatry

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22496 5344, fax: 22492 3077
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E-mail: psych@lf1.cuni.cz

Department of Radiodiagnostics

U Nemocnice 2, 128 08 Praha 2, tel.: 22496 2233,
2249 62232, fax: 22492 1700
Head: prof. MUDr. Jan Daneš, CSc.
E-mail: rdg@vfn.cz

Institute of Sexology

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Department of Stomatology

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Karlovo nám. 32, 121 11 Praha 2, tel.: 222 230 046,
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Department of Urology

Ke Karlovu 6, 128 08 Praha 2, tel.: 22491 7589, 22496 7848,
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Institute of Clinical Biochemistry and Laboratory Medicine

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fax: 22496 2848
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Institute of Immunology and Microbiology

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fax: 224 968 496
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E-mail: imunok@lf1.cuni.cz

Institute of Nuclear Medicine

Salmovská 3, 120 00 Praha 2, tel.: 224 965 813,
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Head: prof. MUDr. Martin Šámal, DrSc.
E-mail: nukle@lf1.cuni.cz

Institute of Pathology

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224 918 877, fax: 224 911 715
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Institute of Forensic Medicine and Toxicology

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224 914 749, tel. /fax: 224 913 892
Na Bojišti 3, 121 08 Praha 2, tel.: 224 911 267, 224 964 327,
224 964 328
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E-mail: soudni@lf1.cuni.cz, E-mail: toxi@lf1.cuni.cz

Institute of Sports Medicine

Salmovská 5, 120 00 Praha 2, tel. /fax: 22491 9527,
tel.: 22496 5717
Head: doc. MUDr. Zdeněk Vilík, CSc.
E-mail: telek@lf1.cuni.cz

Research Institute of Stomatology

Vinohradská 48, 120 60 Praha 2, tel.: 224 966 820,
224 257 174, fax: 224 966 840, 224 257 174
Head: prof. MUDr. Jana Dušková, DrSc., MBA
E-mail: duskova@vus.cz

Joint Institutions with Teaching Hospital Motol with Polyclinic**3rd Department of Surgery**

V Úvalu 84, 150 00 Praha 5, tel.: 22443 8000, 22443 8001
Head: doc. MUDr. Robert Lischke, Ph.D.
E-mail: III.chirurgie@fnmotol.cz

Department of Otorhinolaryngology and Head and Neck Surgery

V Úvalu 84, 150 00 Praha 5, tel.: 22443 4301,
fax: 22443 4319
Head: prof. MUDr. Jan Betka, DrSc.
E-mail: jan.betka@lfmotol.cuni.cz
E-mail: ales.slavicek@lfmotol.cuni.cz

Department of Orthopaedics

V Úvalu 84, 150 00 Praha 5, tel.: 22443 3901, 22443 3900,
fax: 22443 3920
Head: prof. MUDr. Antonín Sosna, DrSc.
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Joint Institutions with Central Army Hospital**Medical Department**

U Vojenské nemocnice 1200, Střešovice, 160 00 Praha 6,
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E-mail: Miroslav.Zavoral@uvn.cz

Department of Ophthalmology

U Vojenské nemocnice 1200, Střešovice, 160 00 Praha 6,
tel.: 973 203 191, 973 111 111
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E-mail: ocni@uvn.cz

Department of Neurosurgery

U Vojenské nemocnice 1200, Střešovice, 160 00 Praha 6,
tel.: 973 111 111
Head: prof. MUDr. Vladimír Beneš, DrSc.
E-mail: nech@lf1.cuni.cz, E-mail: nchr@uvn.cz

Joint Institutions with Teaching Hospital Na Bulovce with Polyclinic**Department of Gynaecology and Obstetrics**

Budínova 2, 180 81 Praha 8, tel.: 26608 1111, 26608 3229,
26608 3238, fax: 28384 0507
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Department of Surgery

Budínova 2, 180 81 Praha 8, tel.: 26608 1111, 26608 2172,
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3rd Department of Infectious and Tropical Diseases

Budínova 2, 180 81 Praha 8, tel.: 26608 2717, 26608 2343,
26608 2472, 26608 2642, fax: 283 840 504
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Department of Plastic Surgery

Budínova 2, 180 81 Praha 8, tel. /fax: 26608 3204,
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E-mail: plastika@fnb.cz

Department of Orthopaedics

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26608 2828, fax: 28384 0514
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E-mail: ort@fnb.cz

Department of Radiodiagnosics

Budínova 2, 180 81 Praha 8, tel.: 26608 2087, 26608 2901,
fax: 26608 3390
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E-mail: drechsj@fnb.cz

Institute of Radiation Oncology

Budínova 2, 180 81 Praha 8, tel.: 266 084 107, fax:
283 840 873
Head: doc. MUDr. Luboš Petruželka, CSc.
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Joint Institutions with Thomayer Teaching Hospital**Department of Anaesthesiology and Resuscitation**

Vídeňská 800, 140 59 Praha 4, tel.: 261 083 459,
261 083 811, fax: 261 083 673
Head: doc. MUDr. Roman Zazula, Ph.D.
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Department of Surgery

Vídeňská 800, 140 59 Praha 4, tel.: 26108 2632,
26108 2600, tel. /fax: 24172 1636
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E-mail: chirklin@ftn.cz

Department of Paediatrics

Vídeňská 800, 140 59 Praha 4, tel.: 26108 3180,
tel. /fax: 24172 1238
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E-mail: pediater@ftn.cz

Department of Pneumology

Vídeňská 800, 140 59 Praha 4, tel.: 26108 2373
Head: prof. MUDr. Jiří Homolka, DrSc.
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**Institution of the First Faculty of Medicine at the
Institute of Haematology and Blood Transfusion****Institute of Clinical and Experimental Haematology**

U Nemocnice 1, 128 08 Praha 2, tel.: 22197 7217
Head: prof. MUDr. Marek Trněný, DrSc.

**Institution of the First Faculty of Medicine at the
Institute of Rheumatology****Department of Rheumatology**

Na Slupi 4, 128 50 Praha 2, tel.: 22492 0801, 22491 5234,
fax: 22491 4451
Head: prof. MUDr. Karel Pavelka, DrSc.
E-mail: ru_praha@revma.cz

Science and Information Institution of the Faculty**Institute of Scientific Information**

Kateřinská 32, 128 01 Praha 2, tel.: 224 964 220,
fax: 224 923 169
Head: PhDr. Hana Skálová
E-mail: vedinf@lf1.cuni.cz, E-mail: knihovna@lf1.cuni.cz

Utility Institution of the Faculty**Centre for Experimental Biomodels**

U Nemocnice 5, 128 53 Praha 2, tel.: 224 965 815
Head: Mgr. Viktor Sýkora
E-mail: ceb@lf1.cuni.cz



One of the guests in the Chair for Faust was Assoc. Prof. Libuše Kolářová, the Head of the Institute of Immunobiology and Microbiology.



Prof. Jana Dušková, the Vice-dean of the Faculty, with the October guest to the Chair for Faust, Assoc. Prof. Debora Karetová, the internist and specialist in angiology, who works at the 2nd Medical Department.

THE MAP



Joint Units of The First Faculty of Medicine With Teaching Hospitals on The Territory of Prague Capital

A

Prague 4, Vídeňská 800

- Joint Units with Thomayer Teaching Hospital
- Department of Surgery
- Department of Paediatrics
- Department of Pneumology
- Department of Anaesthesiology and Intensive Care
- Institute of Nursing Theory and Practice

B

Prague 5, V Úvalu 84

- Joint Units with Teaching Hospital Motol
- 3rd Department of Surgery
- Department of Otorhinolaryngology and Head and Neck Surgery
- Department of Orthopaedics

C

Prague 6, U Vojenské nemocnice 1200

- Joint Units with Central Military Hospital Prague
- Department of Neurosurgery
- 2nd Medical Department - Clinical Department of Gastroenterology
and Hepatology
- Department of Ophthalmology

D

Prague 8, Budínova 2

- Joint Units with Teaching Hospital Na Bulovce
- Department of Gynaecology and Obstetrics
- Department of Surgery
- 3rd Department of Infectious and Tropical Diseases
- Department of Plastic Surgery
- Department of Orthopaedics
- Department of Radiodiagnostics
- Institute of Radiation Oncology

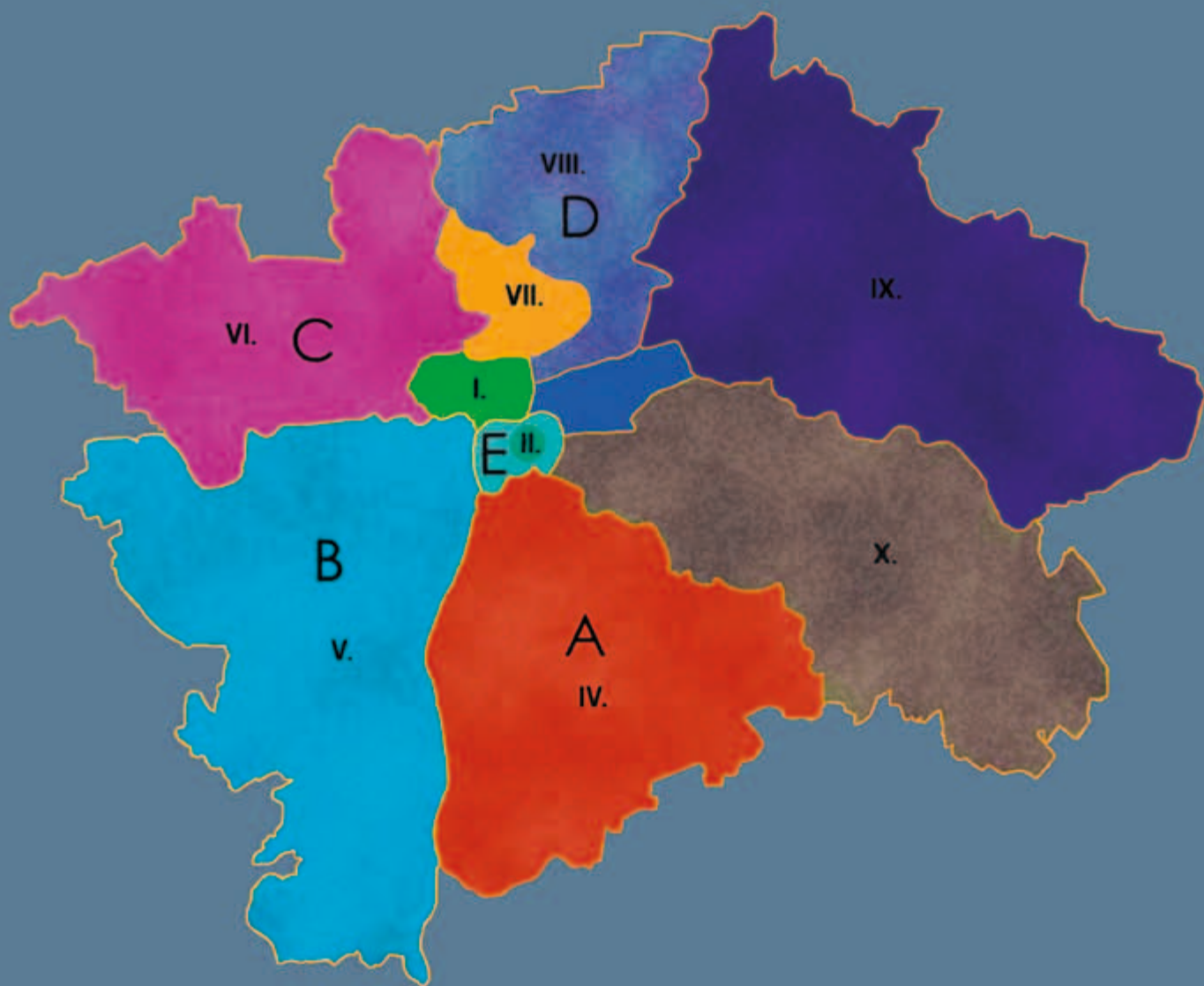
E

Prague 2, Na Slupi 4

- Department of Rheumatology
- Joint Units with Institute of Haematology and Blood Transfusion

Prague 2, U Nemocnice 1

- Institute of Clinical and Experimental Haematology



Premises of the First Faculty of Medicine and the General Teaching Hospital in the District of Prague 2 (Charles Square and Albertov Area) - Layout



1. 1st Department Tuberculosis and Respiratory Disease
2. Dean's Office - Charles University in Prague - First Faculty of Medicine
3. Institute of Medical Biochemistry
4. Institute of Clinical Biochemistry and Laboratory Medicine
5. Department of Stomatology
- 6a. Institute of Forensic Medicine and Toxicology (Toxicology)
7. Department of Neurology
- 8a. Department of Neurology (Vinohránská)
9. Institute of Scientific Information
10. Institute for History of Medicine and Foreign Languages (Department for History of Medicine)
11. Institute of Biochemistry and Experimental Oncology
12. Institute of Pathological Physiology
13. Institute of Biophysics and Informatics
14. Institute of Nuclear Medicine
15. Institute of Anatomy
16. Institute of Sports Medicine
17. Institute of Physical Education
18. 3rd Medical Department - Clinical Department of Endocrinology and Metabolism
- 19a. Institute of Clinical and Experimental Hematology
20. Fast House - Institute for History of Medicine and Foreign Languages (Dept. of Foreign Languages)
21. Institute of Social Medicine and Public Health
22. Institute of Humanitarian Studies in Medicine
23. Academic Club of the First Faculty of Medicine
24. 2nd Surgical Department - Clinical Dept. of Cardiovascular Surgery
25. 2nd Medical Department - Clinical Dept. of Cardiology and Angiology
26. 1st Medical Department - Dept. of Hematology
27. Department of Anesthesiology, Resuscitation and Intensive Medicine
28. Main Entrance to Hospital, Pharmacy
29. Department of Dermatovenereology, Department of Nephrology
30. Transfusion Department
31. 1st Medical Department - Dept. of Hematology
32. 3rd Medical Department - Clinical Dept. of Endocrinology and Metabolism
33. 16. Department of Monatology
34. 17. 1st Surgical Department - Clinical Dept. of Abdominal, Thoracic, Surgery and Traumatology
35. Department of Radiobiophysics
36. Department of Radiology
37. Institute of Clinical Biochemistry and Laboratory Medicine
38. ENT Department (Otorhinolaryngology and Neck Surgery)
39. Department of Ophthalmology
40. Department of Oncology
41. Department of Ophthalmology
42. 4th Medical Department - Clinical Dept. of Gastroenterology and Hepatology
43. Na Hradské Building - Hospital Management
44. Department of Psychiatry
45. Department of Gynecology and Obstetrics, Dept. of Neonatology
46. Department of Paediatrics and Adolescent Medicine
47. Institute of Inherited Metabolic Disorders
48. Institute of Immunology and Microbiology
49. Hlava Building - Institute of Pathology
50. Institute of Forensic Medicine and Toxicology (Forensic Medicine)
51. Institute of Hygiene and Epidemiology
52. Institute of Immunology and Microbiology
53. 3rd Department of Infectious and Tropical Diseases (Dept. of Tropical Medicine)
54. Institute of Theory and Practice Nursing
55. Institute of Physiology
56. Department of Rehabilitation Medicine, Institute of General Medicine
57. Parkyňa Building - Institute of Biology and Medical Genetics
58. Institute of Histology and Embryology
59. Institute of Pharmacology
60. Institute of Cellulose Biology and Pathology
61. Department of Occupational Diseases
62. Department of Urology
63. Institute of Sexology, Drug dependence Department
64. Department of Rheumatology
65. Poliklinic of General Teaching Hospital (32 Charles Sq.)
66. Out-Patient Departments of the Hospital Clinics
67. Institute of Immunology and Microbiology
68. V. Polák Family Breast Diagnostic Center Pharmacy
69. Department of Prosthesis (24 Žitná St.)
70. Department of Geriatrics (15 Londýnská St.)
71. Internal Audit/Control Department, Asklepeion Laser Center

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