

ANNUAL REPORT

CHARLES UNIVERSITY IN PRAGUE

FIRST FACULTY OF MEDICINE



2012



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FIRST FACULTY OF MEDICINE

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REPORT ON THE ACTIVITIES 2012



DEAN OF THE FACULTY



DEAN OF THE FACULTY

Every year, the compilation of the Annual Report is not only our duty but also a chance to present the Faculty's achievements to our present or potential contacts and a chance for self-consideration and balancing of accounts.

The aim of the Faculty is education of graduates that will be ready to practice medicine and withstand the strong international competition, to keep up the strong position in the world in biomedical research and – at the same time – to play the wider role of an educational and expert institution in the civic society. Our faculty is the largest medical school in the Czech Republic, and not only in terms of undergraduate education. In the past year, it was also one of the most active faculties in postgraduate specialization training. Great emphasis was on international mobility of both students and teachers. The figures show that our faculty has long been one of the most productive institutions in the Czech Republic in terms of scientific output. This, naturally, involves wide co-operation with some other faculties, medical as well as non-medical,

and with many non-university institutions both from the Czech Republic and the whole world. We are proud of our teams that immediately produce the scientific results, give momentum to the said co-operation and represent the “scientific schools” that are acknowledged beyond the faculty. Another prerequisite for scientific work is participation in infrastructure projects such as Kampus Albertov and BIOCEV, in whose preparation we have been really actively involved in the past few years.

In 2012, after inauguration of the new dean, a new team started to work in the faculty's management. In the past term in office when Prof. Tomáš Zima was the dean, the First Faculty of Medicine under his leadership experienced and very successful development, and therefore the present Dean's Board can continue a number of processes and projects. At the same time, however, our faculty has to respond to the changing conditions, as any institution, and to directly influence these conditions through its active approach if possible. Working teams have been established under the leadership of the respective vice-deans and have started the revision of the contents and administration of pre-clinical and clinical tuition, postgraduate education, tuition in the English parallel classes, training in dentistry, analysis of the teaching workload related to the economic demands, and revision of financing of scientific activities related to their output. These steps have one common objective: to promote and motivate educational as well as scientific work in immediate relation to their results and assets for the faculty, to support the development of our “flagships” and stimulate quality rather than quantity.

For the good functioning and operation of any institution, it is necessary to be open as much as possible, to seek the ways for communication without any barriers resulting from the different social status or position within the scientific community, as only confrontation of various points of view can produce new quality. One of the new tools for communication within the academic community – and beyond – is the electronic bulletin called *Jednička* [Number One], edited in co-operation by the academic staff and students.

The year 2012, therefore, was and successful year, and not only in terms of economy. Despite of the changes in the pipeline that concern financing of science and research and the decrease in subsidies on education, we believe that our faculty will still be a successful and much sought school, basing on the extraordinary potential of human resources, energy and enthusiasm of the academic staff, and that the reputation of the First Faculty of Medicine will further increase.



Prof. MUDr. Aleksi Šedo, DrSc.
Dean of Charles University in Prague, First Faculty of Medicine

Prof. MUDr. Aleksi Šedo, DrSc.
Dean of the Faculty

ACADEMIC SENATE



ACADEMIC SENATE

In 2012, the Academic Senate of the First Faculty of Medicine held eleven sessions, that of 25th April as an extraordinary session on the occasion of election of a new Dean. By secret ballot, Prof. MUDr. Aleksi Šedo, DrSc., was elected. Another extraordinary session was held with the new Dean on 28th May 2012 to evaluate the last Dean's term in office, the period between 2005 and 2012. This session turned out particularly appreciative for the former Dean, Prof. MUDr. Tomáš Zima, DrSc., MBA, thanked by both the academic staff and the students.

Regular sessions of the Academic Senate of the First Faculty of Medicine were held on 9th January, 13th February, 12th March, 16th April, 28th May, 11th June, 8th October, 5th November and 3rd December 2012.

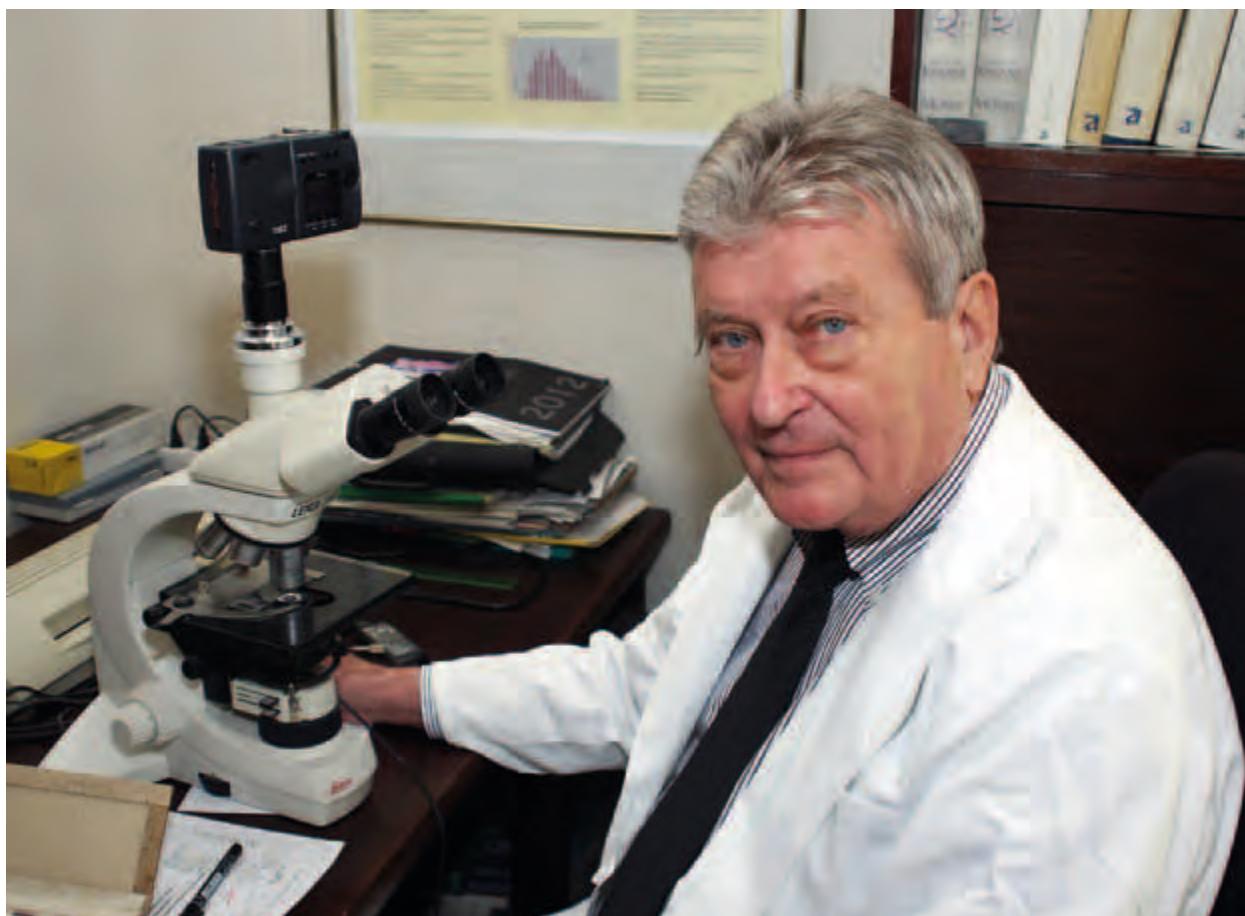
In its January session, the Academic Senate discussed the development in preparation of the bill for the new University Act and adopted a resolution expressing a negative attitude towards this law as well as its concern about the way the bill was prepared and negotiated, including the bill on financial support for students. These bills had not been sufficiently discussed with representatives of universities and any serious comments from the schools had not been considered. The Academic Senate of the First Faculty of Medicine expressed its unambiguous support for the resolution adopted by the Academic Senate of Charles Uni-

versity in Prague on 2nd December 2011 and readiness to join in any steps to protect the autonomy of university-level schools together with other faculties and schools.

At the same session, the Senate elected a Commission to organize the election of the candidate for the office Dean of the First Faculty of Medicine and further dealt with preparations of this election, organizing the presentations of the candidates in the academic community, given first for students and academic staff in the Coris' Hall on 4th April 2012, and then on 16th April 2012 for the Academic Senate of the First Faculty of Medicine.

In students' evaluation of tuition, a favourable trend was seen at the first session, as well as ensuing practical results. Remarkable improvement was noticed in particular faculty units. In the session of the Academic Senate of the First Faculty of Medicine on 13th February, an extended document was discussed, which specified improvement at those units that had been criticised in the evaluation by students.

In its February session, the Academic Senate of the First Faculty of Medicine supported the Resolution of members of the academic community of Charles University in Prague of 19th January 2012 and demonstrated its support for the actions of protest against the university law in the pipeline. Concerning the bill of the University Act, the Dean convened a meeting of the First Fa-



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

culty of Medicine on 23rd February 2012, as a sequel to the University meeting held on 19th January 2012.

The Annual Report of the faculty's activities, Managing Report and proposal of fees connected with the studies in the academic year 2012–2013 were approved on by the Senate in March. In May, the Academic Senate of the First Faculty of Medicine approved on the balanced budget of the First Faculty of Medicine for 2012, increase in tuition fees paid in foreign currencies for the academic year 2012–2013, and new wording of contracts with international students paying in Czech crowns, including and valorisation provision.

The Senate expressed its consent to prolongation of the accreditation for the bachelor degree programme of General nursing.

At the same time, the Senate agreed with the removal of members of the Scientific Board of the First Faculty of Medicine of Charles University in Prague and vice-deans of the Faculty by 31st August 2012. The term in office of the Scientific Board of the First Faculty of Medicine expired at the same moment as that of the Dean. Subsequently, in June the Senate discussed the Dean's proposal for nomination of members of the Scientific Board as well as his proposal for the appointment of vice-deans from 1st September 2012 on, with the objective to prevent the generation problem by gradual replacement of members of the Dean's Board, and these proposals were approved by the Senate.

Having learned about details of the PRVOUK projects, some of which actually continue completed research concepts and some are implemented in co-operation with other faculties of Charles University, the Academic Senate of the First Faculty of Medicine approved on the distribution of finance, based above all on the scientific output and discussed in advance with the researchers in charge of the PRVOUK projects.

The Academic Senate of the First Faculty of Medicine intently follows the activities of the Union of Czech Medical Students. Its chairman Jiří Kohout presented these activities at a session of the Senate. In the year when it celebrated its 149th anniversary, the Union had 1,100 members. This organization keeps a lot of contacts and takes care about its members' social life as well as equipment of its clubrooms. The chairman of the Union informed the Senate of the events that the Union of Czech Medical Students organizes regularly and organized in 2012, such as presentations at the freshmen's summer camp at Dobronice, Open Air, students' textbook exchange, Star Rave-up, Drop of Blood, 1+6 Medic Party, St. Nicholas Eve presents for sick children, lecture on postgraduate training in the Czech Republic given by the Czech Medical Chamber, annual bowling tournament for students, the 124th Medic Prom Ball (with and reservation system run with the Faculty of Mathematics and Physics), competition for placements in Chemnitz (Germany), Sound Tooth (in co-operation with the Dentist Society of the Czech Republic), 2012 Picnic, Burma VJ screening (in co-operation with the One World festival), squash tournament, Children's Day. For students in the Erasmus-Socrates scheme, the Union organized the Buddy-programme, Welcome Party, excursions, Charles University International Club, and assistance with evaluations of the placements. The Union can access the web pages of the Faculty and allied institutions, and also has the possibility to present its activities in the journal *I-forum*, at the Facebook and on the notice board of the Department of Students' Affairs. The organization co-operates with the Charles University Student Union. Similarly, the Senate is interested in the IFMSA CZ.

In the October session, the Chairman of the Academic Senate of the First Faculty of Medicine welcomed the new Dean of the First Faculty of Medicine, Prof. MUDr. Aleksí Šedo, DrSc. Then he thanked the members who terminated their membership due to completion of their studies: Michaela Romerová, the vice-chairperson of the Academic Senate of the First Faculty of Medicine and the chairperson of the legislation board; Michal Dianiška, a member

of the board for studies; and Lukáš Bajer, another member of the board for studies. The latter, however, gained the Senate membership again as the first substitute and postgraduate student, and was elected the vice-chairman of the Academic Senate of the First Faculty of Medicine. Then new members of the board for studies and legislation board were elected.

In November, the Academic Senate expressed its consent to accreditation for the follow-up master degree programmes of Specialization in health care in the field of Addictology in both full-time and combined form, and in the field of Physiotherapy in full-time form. Concerning the admission procedures at the First Faculty of Medicine, the Academic Senate of the First Faculty of Medicine recommended the Faculty management to continue seeking the ways to influence the applicants' decision and to create and desirable image of the Faculty in the media.

In the December session of the Academic Senate of the First Faculty of Medicine, the Dean of the Faculty and members of the Senate congratulated Prof. MUDr. Pavel Klener, DrSc., and Senate member, who had won the "Czech Head" award. The Academic Senate of the First Faculty of Medicine noted the change in the title of the study programme "Nursing care in anaesthesiology, resuscitation and intensive care" to "Intensive care". Thereby the Faculty only met the requirement by the Ministry of Health of the Czech Republic that the title had to be changed again.

The Academic Senate of the First Faculty of Medicine approved on the change in the amount of bursaries for outstanding progress in studies, based on the last year's level while the lowest amounts would be increased, and expressed its consent to the amount of bursaries for doctoral postgraduate students as stated in the annex.

Further, the Academic Senate of the First Faculty of Medicine discussed the suggestions to introduce the non-medical study programme in the field of Sick children's nursing, whose scope will further be considered.

The Senate was kept informed about the Faculty's current activities by the Dean and members of his Board. Staffing the commissions in charge of competitions with Senate members was secured continuously too. In response to past experience and current situation, the Academic Senate of the First Faculty of Medicine approved the amendment to the Rules for Organization of Studies at the First Faculty of Medicine, as proposed by the Dean, and forwarded the said internal regulation to the Academic Senate of Charles University in Prague for approval. The Senate also paid attention to the Senators' Mailbox on the Faculty's website, a well-tested tool of communication with the public, which is run in co-operation with student members of the Academic Senate of the First Faculty of Medicine.

Like in the past years, the Academic Senate of our Faculty did not hesitate to express 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 thank Prof. Tomáš Zima for all that he achieved within his term in office. We appreciate the co-operative approach of the Dean of the First Faculty of Medicine, Prof. MUDr. Aleksí Šedo, DrSc., towards the Academic Senate of the First Faculty of Medicine of Charles University and the assistance of Mrs. Eva Soubusová, the Bursar of the Faculty.

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

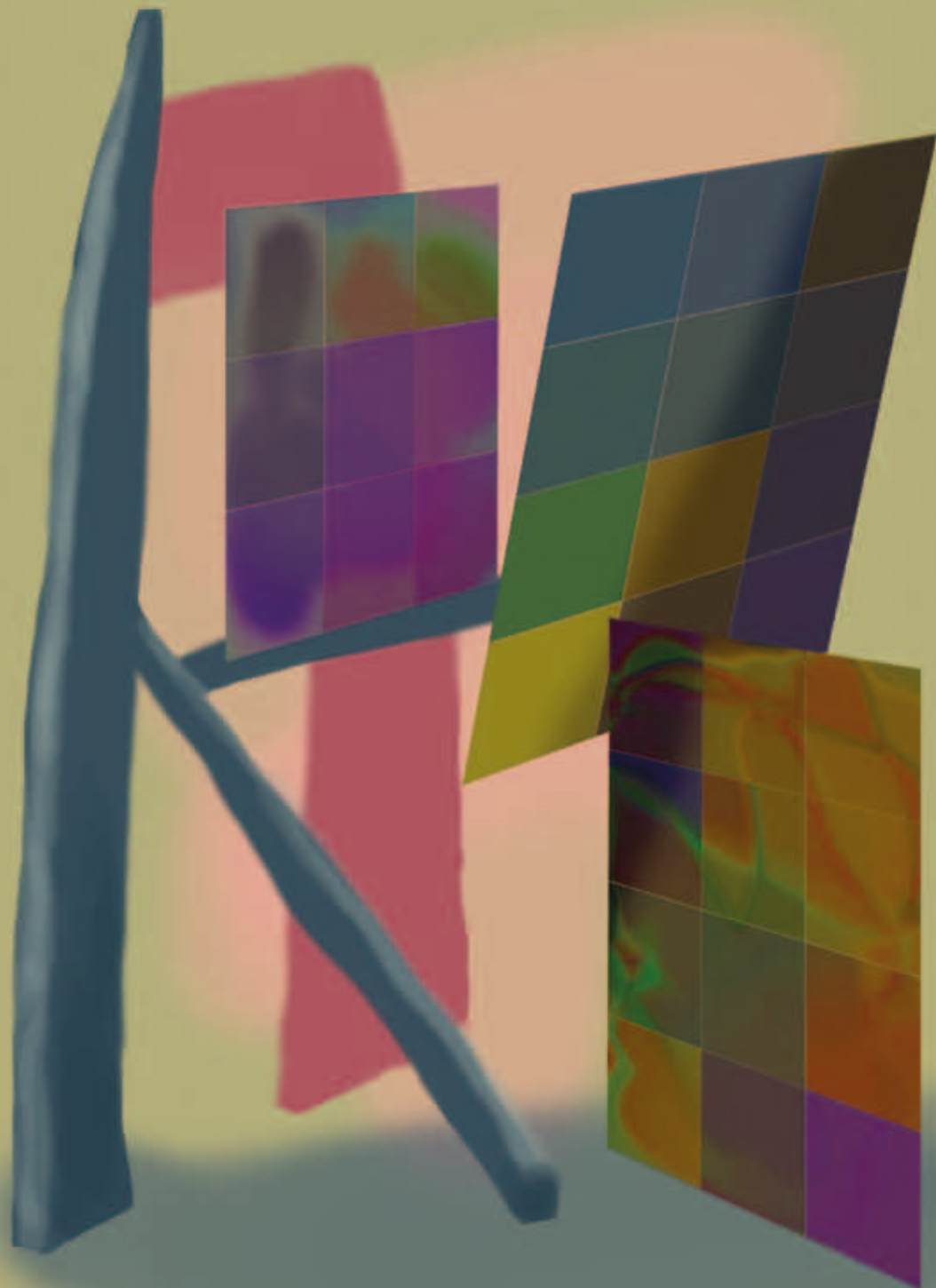


The pledge of the new Dean of the First Faculty of Medicine in the grand old Karolinum



The Rector of Charles University, presenting the new Dean of the First Faculty of Medicine with the Faculty insignia

DIRECTOR OF THE GENERAL TEACHING HOSPITAL



DIRECTOR OF THE GENERAL TEACHING HOSPITAL

As the first few months of 2013 have passed, we can judge that this year will be easy neither for Czech health services, nor for our hospital in particular.

Last year we had to cope with the increased VAT, with flat-rate increase in salaries of health care professionals by 6.25 per cent of their standard pays, and with the changed regulations of payments from health insurance corporations. To cover these increased costs, we had to intensively negotiate with our suppliers and try to optimize the expenses, co-operating with particular units of the General Teaching Hospital. Eventually, we succeeded and this difficult situation worked out, as the General Teaching

Hospital closed the year in the black at 1,628,289 Czech crowns, the total turnover being CZK 6,843,166,477.

The rate of reconstruction and development of the General Teaching Hospital in Prague is really closely connected with the generally difficult economic situation, and it is very demanding to set the plan of investments. We are really aware of the need in development of the General Teaching Hospital and upgrading of its technological and other equipment. When assessing and planning investments, as well as when setting the short-term and long-term objectives, we always consider the established diagnostic and therapeutic core programmes.

The General Teaching Hospital continues the reconstruction and upgrading of particular units, gradually updating the technological equipment. We are fully aware that despite unfavourable economic conditions it is necessary to do the best to continuously improve the quality of the environment for the patients as well as for our staff, and to try to achieve better conditions to provide the best standards of health care. We managed to launch a new angiographic CT with and 43 per cent financial support from the project "Reconstruction and upgrading of technological equipment at the Complex Cardiovascular Centre of the General Teaching Hospital in Prague". Another important investment was the general reconstruction of the premises of the Centre of Assisted Reproduction at the Department of Gynaecology and Obstetrics. We managed to complete the renovation of the catering facility, which now is able to meet the needs of our patients as well as staff. After a thorough renovation, the kindergarten was opened again in the project "Kindergarten for the General Teaching Hospital employees' children".

One of the basic activities of the General Teaching Hospital in Prague is scientific research, which is performed in close co-operation with the First Faculty of Medicine of Charles University in Prague, nearby institutions in the province of Ministry of Health, institutions of the Academy of Sciences of the Czech Republic, Czech Technical University, and other university-level schools as well as industrial corporations. Apart from the Hospital's own research projects, research is performed under the projects supported by the Internal Grant Agency of Ministry of Health, and also by the Ministry of Industry and Commerce. Association of research activities of the General Teaching Hospital and the First



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

Faculty of Medicine has resulted in creation of the most important complex of biomedical research institutions in the Czech Republic. According to the officially approved data of the 2012 evaluation, based on the *Methodology of evaluation of results in research organizations and evaluation of results of completed programmes*, the total output recorded in the Register of Information on Results (RIV) is 29,190.194 points for the General Teaching Hospital and 62,206.919 points for the First Faculty of Medicine. This scientific output represents the great part of these institutions in the total results of biomedical research in the Czech Republic. For the technological base of applied research in the General Teaching Hospital, implementation of the project by Prague city authorities was a substantial asset, allowing to support the hospital with new equipment, worth nearly 80 million Czech crowns.

Education is another important aspect in the activity of the General Teaching Hospital in Prague; it involves all spheres of medical training as well as education of other health care professions. The General Teaching Hospital possesses accreditations for 32 basic and 19 follow-up specialties for doctors as well as 8 specialties for non-medical professionals. Further, the Hospital offers resident positions for both physicians and non-medical professionals. In 2012, twenty-six positions in seven specialties were assigned. The Section of Education of the General Teaching Hospital implements some other courses as well, including 69 certified courses, attended by 276 participants, and 35 non-certified qualification courses for both physicians and others, as well as 714 placements. Some of the certified courses have been sup-

ported from European Union funds in co-operation with the Institute of Further Education in Health.

As a result of co-operation between the General Teaching Hospital and the First Faculty of Medicine, the Academy of Life-long Education was established to operate from 2nd January 2012. The goal of this consortium for joint activities in the sphere of specialization and life-long education of physicians and other health care professionals is to offer a wide choice of educational activities, provided by units of the General Teaching Hospital and the First Faculty of Medicine for health care professions and other staff of health care facilities.

At the time, the internet portal of the Academy is used to present the current offer of educational activities organized by the Section of Education of the General Teaching Hospital in Prague and the First Faculty of Medicine. When registered at the portal, the applicants can enrol on a course of their choice in electronic form. On the portal, they can monitor the state and history of booking as well.

I hope that in spite of the gloomy expectation we will manage to improve the standard of the services we provide, and to develop the General Teaching Hospital further, including the goals pursued together with the First Faculty of Medicine of Charles University.

Dear friends, let me thank you for your support and all our staff for their dedicated work in 2012, and to wish you all a lot of energy and optimism in 2013.

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



The solemn signature of the Dean of the First Faculty of Medicine of Charles University, Prof. Aleksi Šedo, on his inauguration in Karolínium

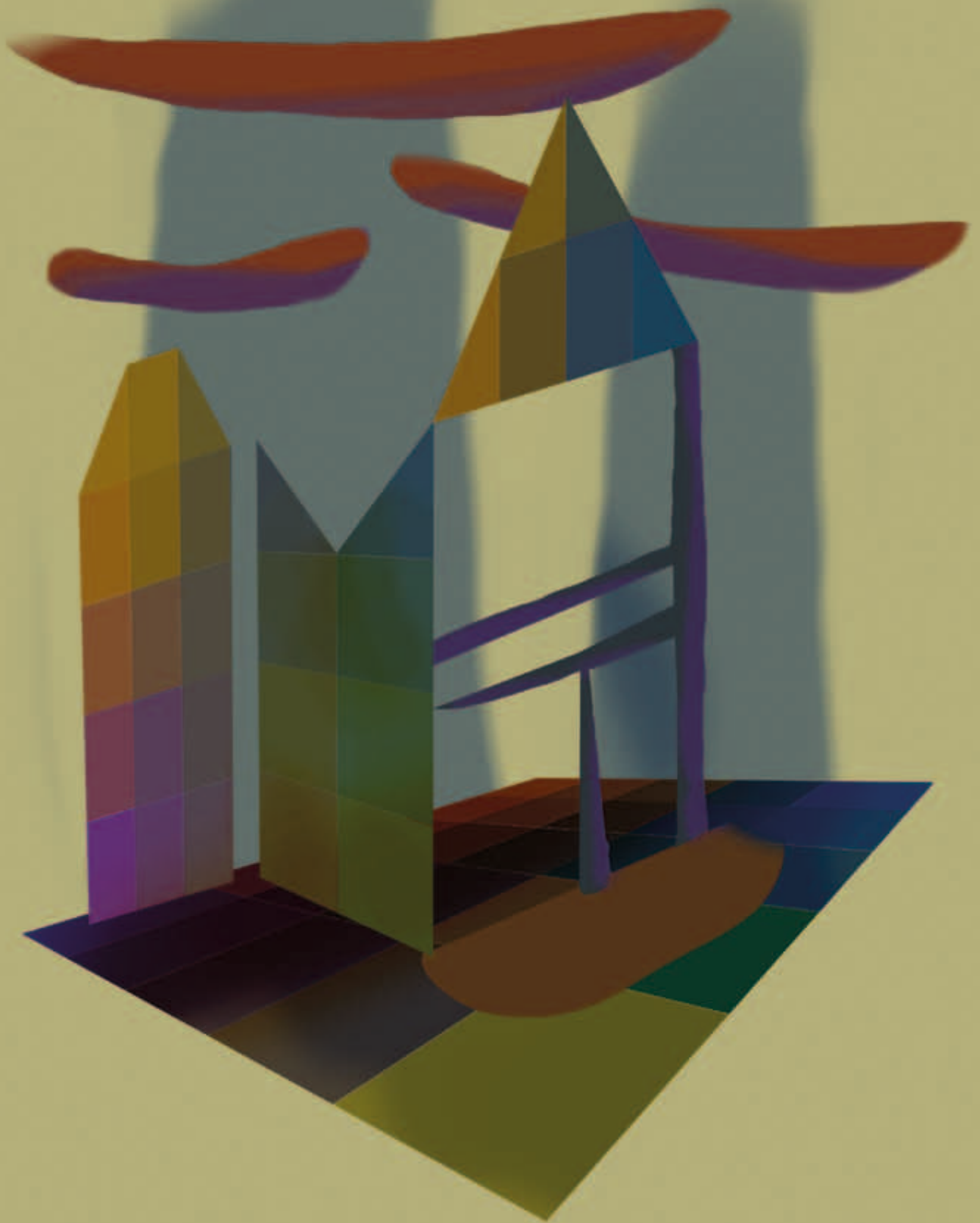


The press conference on the project of Senior Inspect, a modern assistance service for the elderly



The opening of the new endoscopy simulator centre at the 4th Medical Department. Left to right: Assoc. Prof. Radan Brůha, Prof. Tomáš Zima and Dr. Dana Jurásková

MANAGEMENT



MANAGEMENT

Dean:

Prof. MUDr. Tomáš Zima, DrSc., MBA (until 31st August 2012)
Prof. MUDr. Aleksi Šedo, DrSc. (since 1st September 2012)

DEAN'S OFFICE BOARD

Vice-Deans:

Prof. MUDr. Jana Dušková, DrSc., MBA
Vice-Dean for Stomatology / Dentistry
Prof. MUDr. Tomáš Hanuš, DrSc.
Vice-Dean for Clinical Education
Prof. MUDr. Otomar Kittnar, CSc., MBA
Vice-Dean for International Students and Social Affairs
Prof. RNDr. Libuše Kolářová, CSc. (since 1st September 2012)
Vice-Dean for Grant Projects and Development of the Faculty and Postgraduate Doctoral Studies
Prof. MUDr. Aleš Linhart, DrSc. (until 31st August 2012)
Vice-Dean for Outward Relations
Prof. PhDr. Michal Miovský, Ph.D.
Vice-Dean for Non-Medical Study Programmes
Prof. MUDr. Aleksi Šedo, DrSc. (until 31st August 2012)
Vice-Dean for Grant Projects and Development of the Faculty
Assoc. Prof. MUDr. Martin Vokurka, CSc.
Vice-Dean for Theoretical and Pre-Clinical Education
Prof. MUDr. Tomáš Zima, DrSc., MBA (since 1st September 2012)
Vice-Dean for Outward Relations and Development of the Faculty
Prof. MUDr. Aleš Žák, DrSc.
Vice-Dean for Scientific Activities

Members of Dean's Office Board:

Assoc. Prof. MUDr. Petr Bartůněk, CSc.
Prof. MUDr. Jan Betka, DrSc.
Assoc. Prof. MUDr. René Foltán, Ph.D.
Mgr. Dana Jurásková, Ph.D., MBA
Prof. MUDr. Zdeněk Krška, CSc. (since 3rd September 2012)
Prof. MUDr. Alois Martan, DrSc.
Prof. MUDr. Pavel Martásek, DrSc. (since 3rd September 2012)
Prof. MUDr. Jiří Mazánek, DrSc. (until 2nd September 2012)
Michaela Romerová (until 2nd September 2012)
Prof. MUDr. David Sedmera, DrSc. (since 3rd September 2012)
Prof. MUDr. Karel Smetana, DrSc.
Ing. Eva Soubustová, MBA
Prof. MUDr. Přemysl Strejč, DrSc.
Prof. MUDr. Jan Škrha, DrSc., MBA
Prof. MUDr. Stanislav Štípek, DrSc. (until 2nd September 2012)
MUDr. Martin Vejražka, Ph.D. (since 3rd September 2012)
Ing. Lukáš Kaloš (since 3rd September 2012)
Lukáš Bajer (since 3rd September 2012)

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

Chairman: Prof. MUDr. Přemysl Strejč, DrSc.
Vice-Chairman: Lukáš Bajer

Teachers' representatives:

Assoc. Prof. MUDr. Petr Bartůněk, CSc.
Assoc. Prof. MUDr. Radan Brůha, CSc. (since 16th April 2012)
Prof. MUDr. Petr Broulík, DrSc.
MUDr. Jan Bříza, CSc., MBA
MUDr. Vilém Danzig, PhD.
Prof. MUDr. Richard Češka, CSc. (until 13th February 2012)
Prof. MUDr. Pavel Klener, DrSc.
Prof. MUDr. Zdeněk Krška, CSc.
MUDr. Jan Kunstýř, PhD.
Assoc. 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.
Assoc. Prof. MUDr. Tomislav Švestka, CSc.
MUDr. Jan Živný, PhD.

Students' representatives:

MUDr. Jiří Beneš
Michal Dianiška
Miroslav Důra
Ing. Lukáš Kaloš
Adéla Furmánková
Paris Charilaou
Juraj Kobylák
Jana Mašková
Assoc. Prof. MUDr. Ondřej Naňka, PhD.
Jan Philipp Novotný
Michaela Romerová (until 12th June 2012)
Jakub Studený
Adam Tesař (since 8th October 2012)
František Vaňásek
MUDr. Martin Vejražka, Ph.D. (since 8th October 2012)
Michal Žiga

Scientific Board

Chairman: Prof. MUDr. Aleksi Šedo, DrSc.
 Prof. MUDr. Vladimír Bencko, DrSc.
 Prof. MUDr. Vladimír Beneš, DrSc.
 Prof. MUDr. Jan Betka, DrSc.
 Prof. MUDr. Jan Borovanský, CSc. (since 1st September 2012)
 Prof. MUDr. Jan Daneš, CSc.
 Prof. MUDr. Pavel Dungal, DrSc.
 Prof. MUDr. Jana Dušková, DrSc., MBA
 Assoc. Prof. MUDr. René Foltán, CSc. (since 1st September 2012)
 Prof. MUDr. Jan Dvořáček, DrSc. (until 31st August 2012)
 Prof. Ing. Jan Evangelista Dyr, DrSc. (until 31st August 2012)
 Assoc. Prof. MUDr. Jaroslav Feyereisl, CSc. (until 31st August 2012)
 Prof. MUDr. Miloš Grim, DrSc.
 Assoc. Prof. MUDr. Petr Hach, CSc.
 Prof. MUDr. Zdeněk Hájek, DrSc.
 Prof. MUDr. Tomáš Hanuš, DrSc.
 Prof. MUDr. Jiří Homolka, DrSc. (until 31st August 2012)
 Prof. MUDr. Otomar Kittnar, CSc., MBA
 Prof. RNDr. Libuše Kolářová, CSc. (since 1st September 2012)
 Prof. MUDr. Jiří Mazánek, DrSc. (until 31st August 2012)
 Prof. MUDr. Emanuel Nečas, DrSc. (until 31st August 2012)
 Prof. MUDr. Soňa Nevšimalová, DrSc.
 Assoc. Prof. MUDr. PhDr. Jan Payne, Ph.D. (since 1st September 2012)
 Prof. MUDr. Karel Pavelka, DrSc.
 Prof. MUDr. Daniela Pelclová, CSc.
 Prof. MUDr. František Perlík, DrSc.
 Prof. MUDr. Luboš Petruželka, CSc.
 Prof. MUDr. Ctibor Povýšil, DrSc.
 Prof. MUDr. Jiří Raboch, DrSc.
 Prof. MUDr. Evžen Růžička, DrSc.
 Prof. PhDr. Milada Říhová, CSc.
 Prof. MUDr. Antonín Sosna, DrSc.
 Prof. MUDr. Štěpán Svačina, DrSc., MBA
 Prof. MUDr. Stanislav Štípek, DrSc.
 Prof. MUDr. Jiří Štork, CSc.
 Assoc. Prof. MUDr. Jan Šváb, CSc.
 Prof. MUDr. Vladimír Tesař, DrSc., MBA
 Assoc. Prof. MUDr. Marek Trněný, CSc.
 Prof. MUDr. Libor Vítek, Ph.D. (since 1st September 2012)
 Assoc. Prof. MUDr. Martin Vokurka, CSc. (since 1st September 2012)
 Prof. MUDr. Jiří Zeman, DrSc.
 Prof. MUDr. Tomáš Zima, DrSc., MBA (since 1st September 2012)
 Prof. MUDr. Aleš Žák, DrSc.

External members of the Scientific Board

Prof. RNDr. Pavel Anzenbacher, DrSc. (since 1st September 2012)
 RNDr. Martin Bilej, DrSc.
 Prof. MUDr. Radim Brdička, DrSc. (since 1st September 2012)
 Prof. MUDr. Evžen Čech, DrSc.
 Prof. Ing. Petr Dvořák, CSc.
 Assoc. Prof. MUDr. Vojtěch Hainer, CSc.
 Prof. RNDr. Helena Illnerová, DrSc. (until 31st August 2012)
 Prof. RNDr. Milan Kodíček, CSc.
 Prof. MUDr. Zdeněk Kolář, DrSc. (since 1st September 2012)
 Prof. Ing. Svatava Konvičková, CSc. (until 31st August 2012)
 MUDr. Jan Kopecký, DrSc. (since 1st September 2012)
 RNDr. Jaroslav Kuneš, DrSc. (since 1st September 2012)
 Assoc. Prof. MUDr. Jan Malý, CSc. (until 31st August 2012)
 Prof. MVDr. Ivan Míšek, CSc.
 Prof. MUDr. Jindřich Mourek, DrSc. (since 1st September 2012)
 RNDr. Šárka Němečková, DrSc.
 Assoc. Prof. MUDr. Josef Podstata, DrSc. (until 31st August 2012)
 Prof. Ing. Rudolf Poledne, CSc.
 Prof. MUDr. Martin Smrčka, Ph.D. (since 1st September 2012)
 Prof. Ing. Miloslav Suchánek, CSc. (until 31st August 2012)
 Prof. MUDr. Josef Syka, DrSc.
 Prof. MUDr. Pavel Šlampa, CSc. (since 1st September 2012)
 Prof. Ing. Karel Ulbrich, DrSc. (until 31st August 2012)
 Assoc. Prof. MUDr. Jan Veverka, CSc.
 Prof. Ing. Jiří Witzany, DrSc.

Foreign honorary members of the Scientific Board (until 31st August 2012)

Eugene Garfield, Ph.D.
 Prof. Dr. Josef Kadlec, S.J.
 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



124th Medic Prom Ball in the Žofín Palace

ORGANIZATIONAL CHANGES



ORGANIZATIONAL CHANGES AND COMPOSITION OF THE STAFF

The last year was marked with the establishment of several new units at the Faculty. The field of Addictology, which was developing successfully within the Department of Psychiatry in the past few years and provides all forms of education from bachelor to doctor degrees at present, became – together with the Centre for Treatment of Drug Dependence of the General Teaching Hospital – the base for the new Department of Addictology of the First Faculty of Medicine and General Teaching Hospital on 1st January 2012.

The requirements of education and therapeutic care in the fields of stomatology, dentistry and maxillofacial surgery resulted, following negotiations with the management of the General Teaching Hospital in Prague, in the decision to re-organize our units. On 1st September 2012, the Department of Stomatology was transformed to the Department of Oral, Mandibular and Facial Surgery of the First Faculty of Medicine and General Teaching Hospital. Some of the non-surgical dental specialties, together with the Research Institute of Stomatology, were transferred to the new Institute of Clinical and Experimental Stomatology of the First Faculty of Medicine and General Teaching Hospital.

In 2012 the statute of our partner teaching hospitals experienced a change and the Thomayer Teaching Hospital and Policlinic became the Thomayer Hospital and Policlinic, and similarly the Bulovka Teaching Hospital and Policlinic was changed to the Bulovka Hospital and Policlinic, while our co-operation at the joint

institutions at the two facilities continues. By decision of the Ministry of Defence, the Central Military Hospital in Prague changed its name and widened the scope of its activities, thereby becoming the Central Military Hospital – Military Teaching Hospital Prague on 13th February 2012.

Considering the extending of education in oncology, which had been provided at the Department of Oncology at the Thomayer Teaching Hospital, the decision was taken, following discussion in the Academic Senate of the First Faculty of Medicine and negotiation with the Ministry of Health, to establish the clinical Department of Oncology of the First Faculty of Medicine and Thomayer Hospital. At the same time, another Department of Oncology was founded as a joint facility of the First Faculty of Medicine and the Central Military Hospital in Prague. At the Central Military Hospital, another two units were created in order to individualize the tuition as much as possible – the Department of Traumatology of the Locomotor System of the First Faculty of Medicine and the Central Military Hospital, and the Department of Anaesthesiology, Resuscitation and Intensive Medicine of the First Faculty of Medicine and the Central Military Hospital.

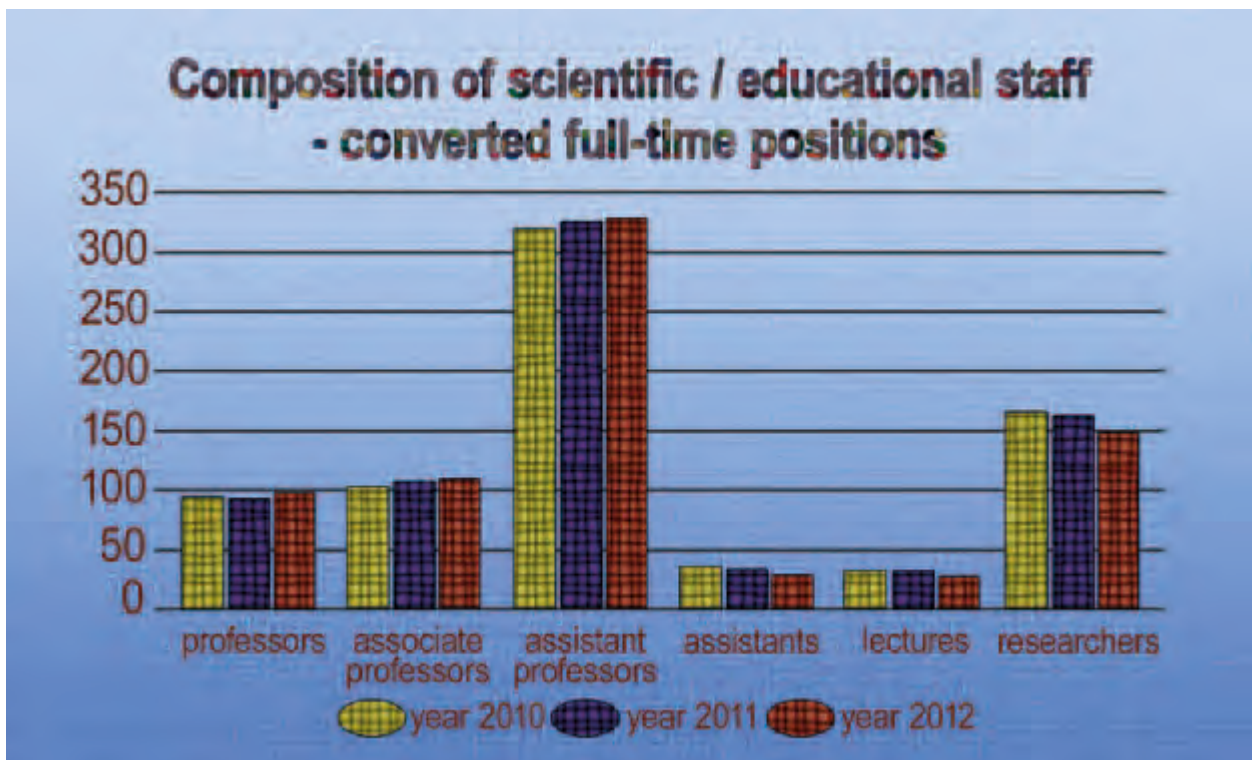
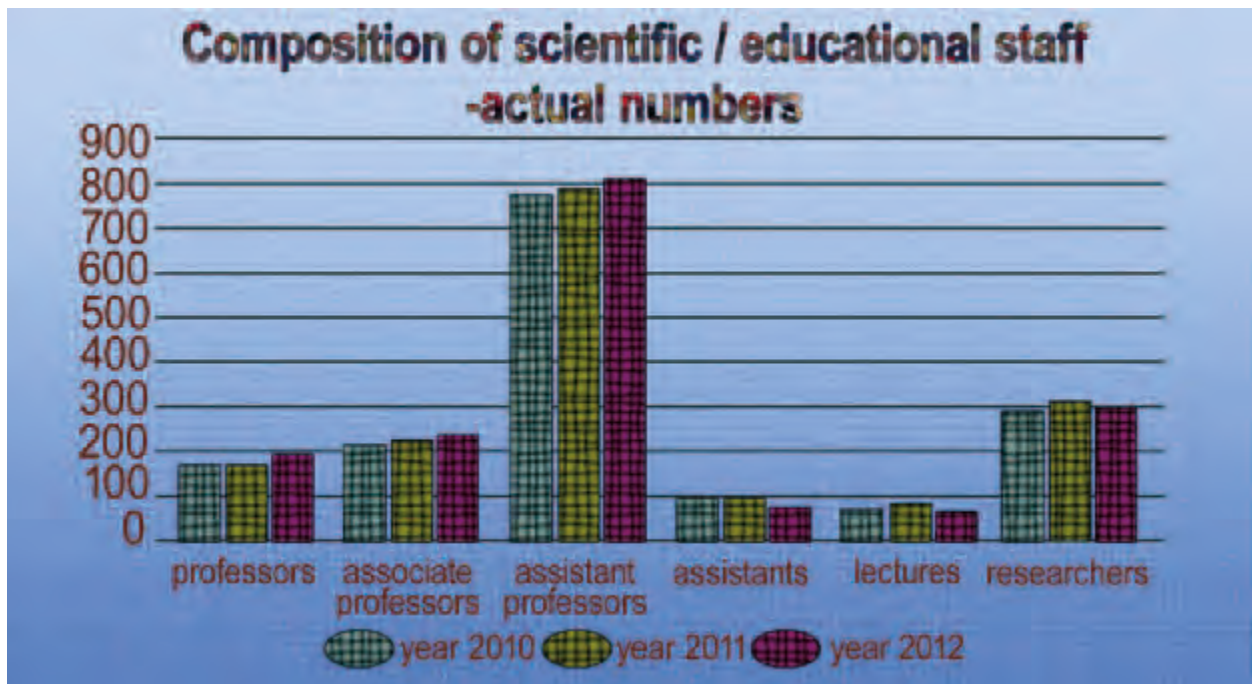
*Prof. MUDr. Tomáš Zima, DrSc., MBA
Vice-Dean for Outward Relations and Development
of the Faculty*

Institution	New Head
180 – Institute of Pathological Physiology	Assoc. Prof. MUDr. Martin Vokurka, CSc.
310 – Institute of Pathology	Assoc. Prof. MUDr. Pavel Dundr, Ph.D.
360 – Institute of Forensic Medicine and Toxicology	Assoc. Prof. MUDr. Alexander Pilin, CSc.
390 – Institute of Sexology	Assoc. Prof. MUDr. Michal Pohanka, Ph.D.
451 – Department of Oncology (Thomayer Hospital)	Prof. MUDr. Jitka Abrahámová, DrSc. Assoc. Prof. MUDr. Tomáš Büchler, Ph.D.
611 – Department of Addictology	Prof. PhDr. Michal Mioviský, Ph.D.
770 – Department of Oral, Mandibular and Facial Surgery	Assoc. Prof. MUDr. René Foltán, Ph.D.
863 – Department of Traumatology of the Locomotor System (Central Military Hospital)	Prof. MUDr. Jan Bartoniček, DrSc.
864 – Department of Anaesthesiology, Resuscitation and Intensive Medicine (Central Military Hospital)	MUDr. Tomáš Tyll, Ph.D. – provisional Head
865 – Department of Oncology (Central Military Hospital)	Prof. MUDr. Luboš Petruželka, CSc.

Number of scientific and educational staff between 2010 and 2012

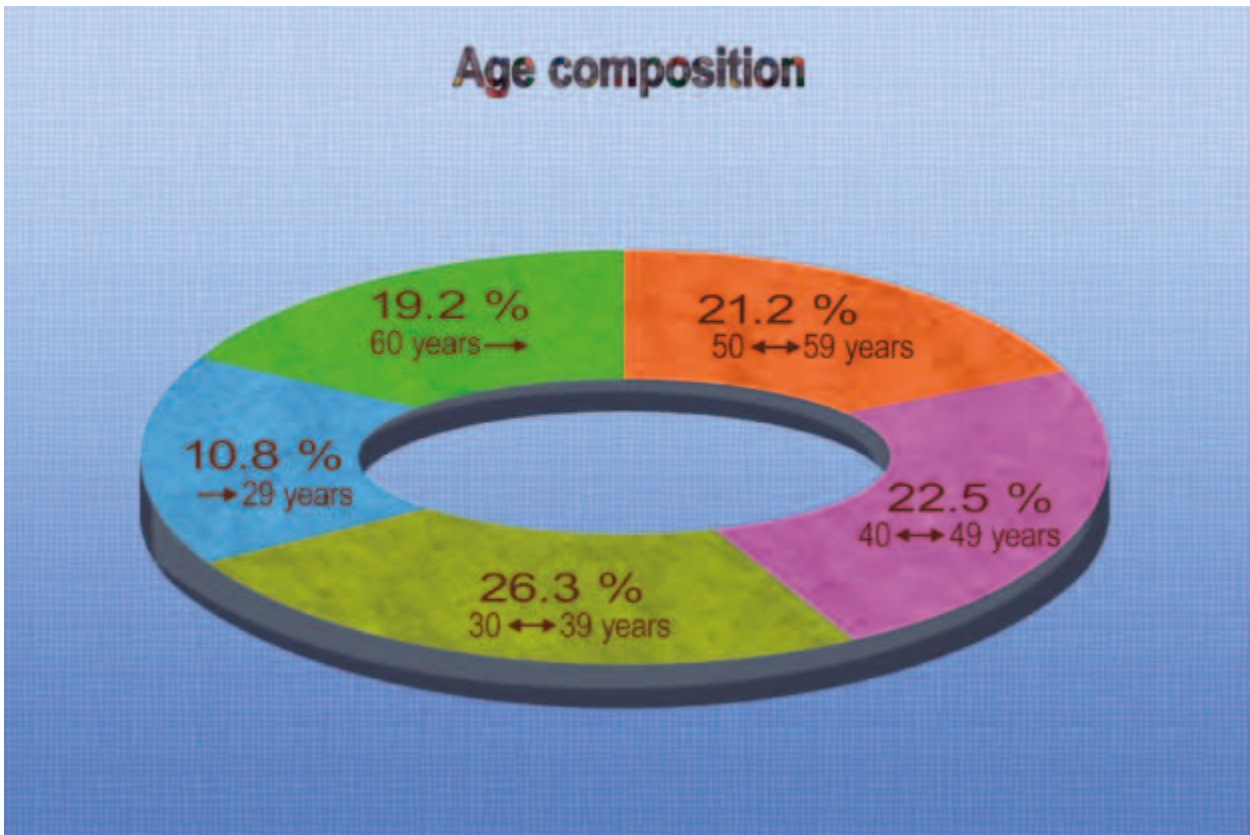
	2010		2011		2012	
	actual number of staff	average converted full-time positions	actual number of staff	average converted full-time positions	actual number of staff	average converted full-time positions
total	1,603	742.748	1628	740.5	1,625	722.874
professors	127	88.224	128	92.022	140	93.107
associate professors	175	109.367	178	118.596	180	120.013
assistant professors	781	321.807	774	325.343	873	330.465
assistants	104	31.115	97	30.047	124	33.178
lecturers	126	28.722	160	26.729	55	16.423
research staff	290	163.513	291	147.763	253	129.688

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



Survey of age composition of staff in 2012

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 2012

In 2012 the Scientific Board of the First Faculty of Medicine performed 19 procedures for appointment to professor posts, of which one was not approved by Scientific Board of the First Faculty while the other, approved proposals were passed to the Rector's Office of Charles University for further procedures. The Scientific Board of Charles University in Prague discussed 17 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 2012

the President of the Czech Republic appointed 23 new professors, who had passed the procedures of appointment at the First Faculty of Medicine.

Further, the Scientific Board performed 16 habilitation procedures, of which one was suspended. In 2012, the Rector of Charles University appointed 13 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 (1995–2012)

Professors																	
1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
5	7	1	5	0	7	7	7	13	11	14	15	13	7	9	7	12	19
Associate Professors																	
1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
8	11	14	12	3	10	15	16	16	16	18	17	17	17	12	18	7	16

PROCEDURES FOR APPOINTMENT TO PROFESSOR POSTS AT THE SCIENTIFIC BOARD OF THE FIRST FACULTY OF MEDICINE OF CHARLES UNIVERSITY IN 2012

Assoc. Prof. MUDr. Svatopluk Adámek, CSc.

3rd Surgical Department of the First Faculty of Medicine and Motol Teaching Hospital

Appointment procedure in the field of **surgery**

Scientific Board of the First Faculty of Medicine on 31 Jan 2012

Title of the lecture: Surgical-anatomical study as an effective tool to solve the pitfalls of surgery on parathyroid glands

Scientific Board of Charles University on 31 May 2012

Appointed with the effect from 16 Nov 2012

Assoc. Prof. MUDr. Jaroslava Dušková, CSc.

Institute of Pathology of the First Faculty of Medicine and General Teaching Hospital

Appointment procedure in the field of **pathology**

Scientific Board of the First Faculty of Medicine on 31 Jan 2012

Title of the lecture: Cytodiagnosics: closer co-operation of clinicians and pathologists for the benefit of the patients

Scientific Board of Charles University on 28 June 2012

Appointed with the effect from 16 Nov 2012

Assoc. Prof. MUDr. David Jahoda, CSc.

Department of Orthopaedics of the First Faculty of Medicine and Motol Teaching Hospital

Appointment procedure in the field of **orthopaedics**

Scientific Board of the First Faculty of Medicine on 28 Feb 2012

Title of the lecture: Individual choice of the method of treatment of infection in joint replacements

Scientific Board of Charles University on 28 June 2012

Appointed with the effect from 16 Nov 2012

Assoc. Prof. MUDr. David Pokorný, CSc.

Department of Orthopaedics of the First Faculty of Medicine and Motol Teaching Hospital

Appointment procedure in the field of **orthopaedics**

Scientific Board of the First Faculty of Medicine on 28 Feb 2012

Title of the lecture: Reverse system of total joint replacement – a new method of treatment of the most severe impairments of the shoulder joint

Scientific Board of Charles University on 28 June 2012

Appointed with the effect from 16 Nov 2012

Assoc. Prof. MUDr. Jan Klozar, CSc.

Department of Otorhinolaryngology and Head and Neck Surgery of the First Faculty of Medicine and Motol Teaching Hospital

Appointment procedure in the field of **otorhinolaryngology**

Scientific Board of the First Faculty of Medicine on 28 Feb 2012

Title of the lecture: Epidemiology and treatment of oropharyngeal carcinoma

Scientific Board of Charles University on 4 Oct 2012

Appointed with the effect from 16 Nov 2012

Assoc. Prof. MUDr. Martina Vašáková, Ph.D.

Department of Pneumology of the First Faculty of Medicine and Thomayer Hospital

Appointment procedure in the field of **internal medicine**

Scientific Board of the First Faculty of Medicine on 27 Mar 2012 – *procedure suspended*

Title of the lecture: Idiopathic lung fibrosis – the killer among interstitial lung processes: What do we know, and what shall we do?

Assoc. Prof. MUDr. Romana Ryšavá, CSc.

Department of Nephrology of the First Faculty of Medicine and General Teaching Hospital

Appointment procedure in the field of **internal medicine**

Scientific Board of the First Faculty of Medicine on 27 Mar 2012

Professors appointed in 2012

Name, establishment	Field	Defended at Scientific Board of Faculty	Defended at Scientific Board of University	Appointed with the effect from
Assoc. Prof. Ing. Mária Mareková, CSc. Institute of Medical Chemistry and Clinical Biochemistry of Medical Faculty of P. J. Šafárik University, Košice	medical chemistry and biochemistry	21 Sep 2010	26 May 2011	1 Feb 2012
Assoc. Prof. MUDr. David Sedmera, Ph.D. Institute of Anatomy of the First Faculty of Medicine of Charles University	anatomy	26 Oct 2010	31 Mar 2011	1 Feb 2012
Assoc. Prof. RNDr. Anna Gvozdjáková, DrSc. 3 rd Medical Department of Medical Faculty of Comenius University, Bratislava	clinical biochemistry	30 Nov 2010	29 Sep 2011	1 Feb 2012
Assoc. Prof. MUDr. Pavel Calda, CSc. Department of Gynaecology and Obstetrics of the First Faculty of Medicine of Charles University and General Teaching Hospital	gynaecology and obstetrics	26 Oct 2010	26 May 2011	1 Feb 2012
Assoc. Prof. MUDr. Zuzana Gdovinová, CSc. Neurological Department of Medical Faculty of P. J. Šafárik University and Teaching Hospital, Košice	neurology	30 Nov 2010	30 June 2011	1 Feb 2012
Assoc. Prof. MUDr. Pavel Maruna, CSc. Institute of Pathological Physiology of the First Faculty of Medicine of Charles University	pathological physiology	22 Feb 2011	30 June 2011	1 Feb 2012
Assoc. Prof. MUDr. Tomáš Trč, CSc. Department of Orthopaedics of the Second Faculty of Medicine of Charles University and Motol Teaching Hospital	orthopaedics	25 Jan 2011	1 Dec 2011	20 June 2012
Assoc. Prof. MUDr. Jan Roth, CSc. Neurological Department of the First Faculty of Medicine of Charles University and General Teaching Hospital	neurology	14 Dec 2010	1 Dec 2011	20 June 2012
Assoc. Prof. RNDr. Evžen Amler, CSc. Institute of Biophysics of the Second Faculty of Medicine of Charles University	medical biophysics	29 Mar 2011	26 Jan 2012	20 June 2012
Assoc. Prof. MUDr. Viktor Kožich, CSc. Institute of Inherited Metabolic Disorders of the First Faculty of Medicine of Charles University and General Teaching Hospital	medical genetics	29 Mar 2011	1 Dec 2011	20 June 2012
Assoc. Prof. MUDr. Zdeněk Fišar, CSc. Department of Psychiatry of the First Faculty of Medicine of Charles University and General Teaching Hospital	medical chemistry and biochemistry	29 Mar 2011	1 Dec 2011	20 June 2012
Assoc. Prof. MUDr. Petr Neužil, CSc. 2 nd Department of Medicine of the First Faculty of Medicine of Charles University and General Teaching Hospital; Na Homolce Hospital	internal medicine	31 May 2011	1 Mar 2012	20 June 2012
Assoc. Prof. MUDr. Petr Suchomel, Ph.D. Department of Neurosurgery of the First Faculty of Medicine of Charles University and Central Military Hospital; Department of Neurosurgery of the Neurocentre, Regional Hospital Liberec; Institute of Health Studies, Technical University, Liberec	neurosurgery	31 May 2012	1 Mar 2012	20 June 2012
Assoc. Prof. MUDr. Robert Lischke, Ph.D. 3 rd Surgical Department of the First Faculty of Medicine of Charles University and Motol Teaching Hospital	surgery	21 June 2011	1 Mar 2012	20 June 2012
Assoc. Prof. MUDr. Pavel Vavřík, CSc. Department of Orthopaedics of the First Faculty of Medicine of Charles University and Motol Teaching Hospital	orthopaedics	29 Nov 2011	26 Apr 2012	20 June 2012
Assoc. Prof. MUDr. Ivan Landor, CSc. Department of Orthopaedics of the First Faculty of Medicine of Charles University and Motol Teaching Hospital	orthopaedics	29 Nov 2011	26 Apr 2012	20 June 2012
Assoc. Prof. MUDr. Jindřich Fínek, Ph.D. Department of Oncology and Radiotherapy of Medical Faculty in Plzeň and Plzeň Teaching Hospital, Charles University	oncology	25 Oct 2011	29 Mar 2012	20 June 2012
Assoc. Prof. MUDr. Jarmila Procházková, CSc. Institute of Clinical and Experimental Stomatology of the First Faculty of Medicine of Charles University and General Teaching Hospital	stomatology	29 Nov 2011	4 Oct 2012	16 Nov 2012
Assoc. Prof. MUDr. David Pokorný, CSc. Department of Orthopaedics of the First Faculty of Medicine of Charles University and Motol Teaching Hospital	orthopaedics	28 Feb 2012	28 June 2012	16 Nov 2012

Assoc. Prof. MUDr. Jaroslava Dušková, CSc. Institute of Pathology of the First Faculty of Medicine of Charles University and General Teaching Hospital	pathology	31 Jan 2012	28 June 2012	16 Nov 2012
Assoc. Prof. MUDr. David Jahoda, CSc. Department of Orthopaedics of the First Faculty of Medicine of Charles University and Motol Teaching Hospital	orthopaedics	28 Feb 2012	28 June 2012	16 Nov 2012
Assoc. Prof. MUDr. Svatopluk Adámek, CSc. 3 rd Surgical Department of the First Faculty of Medicine of Charles University and Motol Teaching Hospital	surgery	31 Jan 2012	31 May 2012	16 Nov 2012
Assoc. Prof. MUDr. Jan Klozar, CSc. Department of Otorhinolaryngology and Head and Neck Surgery of the First Faculty of Medicine of Charles University and Motol Teaching Hospital	otorhinolaryngology	28 Feb 2012	4 Oct 2012	16 Nov 2012

Title of the lecture: Systemic amyloidoses: factors influencing the course of the disease and treatment

Scientific Board of Charles University on 1 Nov 2012

Assoc. Prof. MUDr. Jan Plzák, Ph.D.

Department of Otorhinolaryngology and Head and Neck Surgery of the First Faculty of Medicine and Motol Teaching Hospital

Appointment procedure in the field of **otorhinolaryngology**

Scientific Board of the First Faculty of Medicine on 27 Mar 2012

Title of the lecture: Molecular markers of pavement carcinomas of the head and neck

Scientific Board of Charles University on 29 Nov 2012

Assoc. Prof. MUDr. Jiří Gallo, Ph.D.

Department of Orthopaedics of Medical Faculty of Palacký University and Teaching Hospital in Olomouc

Appointment procedure in the field of **orthopaedics**

Scientific Board of the First Faculty of Medicine on 27 Mar 2012

Title of the lecture: Research into periprosthetic osteolysis: Where are we and where are we going?

Scientific Board of Charles University on 1 Nov 2012

Assoc. Prof. MUDr. Pavla Doležalová, CSc.

Department of Paediatrics and Adolescent Medicine of the First Faculty of Medicine and General Teaching Hospital

Appointment procedure in the field of **paediatrics**

Scientific Board of the First Faculty of Medicine on 24 Apr 2012

Title of the lecture: Syndromes of recurrent fever: new field of research and clinical practice in paediatric rheumatology

Scientific Board of Charles University on 28 Feb 2013

Assoc. Prof. MUDr. Jan Marek, Ph.D.

2nd Medical Department of the First Faculty of Medicine and General Teaching Hospital

Great Ormond Street Hospital for Children and Senior Honorary Lecturer at Institute of Child Health, University College London

Appointment procedure in the field of **internal medicine**

Scientific Board of the First Faculty of Medicine on 24 Apr 2012

Title of the lecture: Twenty-five years of prenatal cardiology

Scientific Board of Charles University on 13 Dec 2013

Assoc. Prof. MUDr. Antonín Šimůnek, CSc.

Stomatological Department of Medical Faculty of Charles University and Teaching Hospital in Hradec Králové

Appointment procedure in the field of **stomatology**

Scientific Board of the First Faculty of Medicine on 29 May 2012

Title of the lecture: Development of stability of immediately loaded dental implants

Scientific Board of Charles University on 31 Jan 2013

Assoc. Prof. MUDr. Stanislav Popelka, CSc.

Department of Orthopaedics of the First Faculty of Medicine and Motol Teaching Hospital

Appointment procedure in the field of **orthopaedics**

Scientific Board of the First Faculty of Medicine on 19 June 2012

Title of the lecture: Deformities of the big toe and metatarsals in patients with rheumatoid arthritis and the scope of surgical treatment

Scientific Board of Charles University on 31 Jan 2013

Assoc. Prof. MUDr. Jaromír Mysliveček, Ph.D.

Institute of Physiology of the First Faculty of Medicine

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

Scientific Board of the First Faculty of Medicine on 19 June 2012

Title of the lecture: Muscarine receptors as a tool to sustain stability of physiological processes

Scientific Board of Charles University on

Assoc. Prof. MUDr. RNDr. Petr Maršálek, Ph.D.

Institute of Pathological Physiology of the First Faculty of Medicine Czech Technical University

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

Scientific Board of the First Faculty of Medicine on 25 Sep 2012

Title of the lecture: Processing the acoustic information in the auditory system

Scientific Board of Charles University on

Assoc. Prof. MUDr. Jan Malík, CSc.

3rd Medical Department of the First Faculty of Medicine and General Teaching Hospital

Appointment procedure in the field of **internal medicine**

Scientific Board of the First Faculty of Medicine on 25 Sep 2012

Title of the lecture: Dialyzing vascular shortcut: physiological and clinical importance

Scientific Board of Charles University on 28 Feb 2013

Assoc. Prof. MUDr. Ivo Paclt, CSc.

Department of Psychiatry of the First Faculty of Medicine and General Teaching Hospital

Appointment procedure in the field of **psychiatry**

Scientific Board of the First Faculty of Medicine on 27 Nov 2012

Title of the lecture: Biological bases of hyperkinetic disorder (ADHD)

Scientific Board of Charles University on

Assoc. Prof. MUDr. Věra Adámková, CSc.

Institute of Clinical and Experimental Medicine

Faculty of Social and Health Sciences of University of South Bohemia FBMI, Czech Technical University

Department of Nephrology of the First Faculty of Medicine and General Teaching Hospital

Appointment procedure in the field of **hygiene and epidemiology**

Scientific Board of the First Faculty of Medicine on 27 Nov 2012
 Title of the lecture: Possibilities of detection of early forms of atherosclerosis, influence of the life style – a utilizable model for epidemiological screening
 Scientific Board of Charles University on

Assoc. Prof. MUDr. Ivan Špička, CSc.

1st Medical Department of the First Faculty of Medicine and General Teaching Hospital
 Appointment procedure in the field of **internal medicine**
 Scientific Board of the First Faculty of Medicine on 18 Dec 2012
 Title of the lecture: Treatment of multiple myeloma – another success of haemato-oncology in the past decade
 Scientific Board of Charles University on

HABILITATION PROCEDURES TO APPOINT ASSOCIATE PROFESSORS PASSED IN THE SCIENTIFIC BOARD OF THE FIRST FACULTY OF MEDICINE IN 2012

MUDr. František Liška, Ph.D.

Institute of Medical Biology and Medical Genetics of the First Faculty of Medicine and General Teaching Hospital
 Habilitation procedure in the field of **medical biology and genetics**
 Scientific Board of the First Faculty of Medicine on 31 Jan 2012
 Title of the lecture: Extent of lymphadenectomy in pancreatic carcinoma
Appointed with the effect from 1 June 2012

MUDr. Věra Čertíková-Chábová, Ph.D.

Department of Nephrology of the First Faculty of Medicine and General Teaching Hospital
 Habilitation procedure in the field of **internal medicine**
 Scientific Board of the First Faculty of Medicine on 31 Jan 2012
 Title of the lecture: Hypertension and damage to the kidneys
Appointed with the effect from 1 July 2012

RNDr. PhDr. Martina Ondrušová, Ph.D.

Institute of Experimental Oncology of the Slovak Academy of Sciences, Bratislava;
 Medical Faculty of Comenius University, Bratislava
 Habilitation procedure in the field of **hygiene and epidemiology**
 Scientific Board of the First Faculty of Medicine on 28 Feb 2012
 Title of the lecture: Do we know the cause of the world's highest incidence of malignant kidney tumours in the Czech Republic and the differences in their development as compared to the Slovak Republic?
Appointed with the effect from 1 June 2012

Assoc. Prof. MUDr. Jiří Kofránek, CSc.

Institute of Pathological Physiology of the First Faculty of Medicine
 Habilitation procedure in the field of **pathological physiology**
 Scientific Board of the First Faculty of Medicine on 28 Feb 2012
 Title of the lecture: Integrated models of physiologic systems
By decision of the Scientific Board of Charles University, the procedure was suspended on 1 Nov 2012

Ing. Tomáš Navrátil, Ph.D.

Institute of Medical Biochemistry and Laboratory Medicine of the First Faculty of Medicine
 Habilitation procedure in the field of **medical chemistry and biochemistry**
 Scientific Board of the First Faculty of Medicine on 27 Mar 2012
 Title of the lecture: Study of metabolic processes in the human organism that result in formation of thiodiglycolic acid
Appointed with the effect from 1 Nov 2012

MUDr. Pavel Dřevínek, Ph.D.

Department of Paediatrics of the Second Medical Faculty of Charles University and Motol Teaching Hospital
 Habilitation procedure in the field of **medical microbiology**
 Scientific Board of the First Faculty of Medicine on 24 Apr 2012
 Title of the lecture: Bacteria of the *Burkholderia cepacia* complex: epidemiology and pathogenesis of infection in cystic fibrosis sufferers
Appointed with the effect from 1 Nov 2012

MUDr. Pavel Drastich, Ph.D.

Department of Hepatogastroenterology of the Institute of Clinical and Experimental Medicine
 4th Medical Department of the First Faculty of Medicine and General Teaching Hospital
 Habilitation procedure in the field of **internal medicine**
 Scientific Board of the First Faculty of Medicine on 24 Apr 2012
 Title of the lecture: Bleeding from oesophageal varices: prevention and treatment
Appointed with the effect from 1 Nov 2012

MUDr. Michal Zikán, Ph.D.

Department of Gynaecology and Obstetrics of the First Faculty of Medicine and General Teaching Hospital
 Habilitation procedure in the field of **gynaecology and obstetrics**
 Scientific Board of the First Faculty of Medicine on 24 Apr 2012
 Title of the lecture: Syndrome of hereditary breast and ovary carcinoma
Appointed with the effect from 1 Nov 2012

MUDr. Tomáš Büchler, Ph.D.

Department of Oncology of the First Faculty of Medicine and Thomayer Hospital
 Habilitation procedure in the field of **oncology**
 Scientific Board of the First Faculty of Medicine on 29 May 2012
 Title of the lecture: Clinical use of angiogenesis inhibitors in treatment of solid and haematological malignancies
Appointed with the effect from 1 Jan 2013

MUDr. Jan Jiskra, Ph.D.

3rd Medical Department of the First Faculty of Medicine and General Teaching Hospital
 Habilitation procedure in the field of **internal medicine**
 Scientific Board of the First Faculty of Medicine on 19 June 2012
 Title of the lecture: Subclinical thyreopathies in pregnancy
Appointed with the effect from 1 Nov 2012

MUDr. Martin Oliverius, Ph.D.

Department of Transplantation Surgery of the Institute of Clinical and Experimental Medicine
 1st Surgical Department of the First Faculty of Medicine and General Teaching Hospital
 Habilitation procedure in the field of **surgery**
 Scientific Board of the First Faculty of Medicine on 19 June 2012
 Title of the lecture: Transplantation of the small intestine
Appointed with the effect from 1 Nov 2012

MUDr. Jan Martínek, Ph.D.

Medical Department of the First Faculty of Medicine and Central Military Hospital
 Habilitation procedure in the field of **internal medicine**
 Scientific Board of the First Faculty of Medicine on 19 June 2012
 Title of the lecture: Gastroesophageal reflux disease, proton pump inhibitors and *H. pylori* – their interactions
Appointed with the effect from 1 Jan 2013

Associate Professors appointed in 2012

Name, establishment	Field	Title of the thesis	Defended at Scientific Board of the Faculty	Appointed with the effect from
MUDr. Petr Valášek, Ph.D. Institute of Anatomy of the First Faculty of Medicine; School of Biological Sciences, University of Reading, UK	anatomy	Development of girdles of extremities	31 May 2011	1 Jan 2012
MUDr. Jean-Claude Mukoncole Lubanda, Ph.D. 2 nd Medical Department of the First Faculty of Medicine and General Teaching Hospital	internal medicine	Selected aspects of diagnosis and treatment of Fabry disease sufferers in clinical practice	13 Dec 2011	1 July 2012
MUDr. Michal Vrablík, Ph.D. 3 rd Medical Department of the First Faculty of Medicine and General Teaching Hospital	internal medicine	Genetic factors in diagnosis and treatment of primary dyslipidaemias	13 Dec 2011	1 June 2012
MUDr. František Liška, Ph.D. Institute of Biology and Medical Genetics of the First Faculty of Medicine and General Teaching Hospital	medical biology	Malformation mutations in Norwegian rats – from identification of genes to molecular function	31 Jan 2012	1 June 2012
MUDr. Věra Čertíková Chábová, Ph.D. Department of Nephrology of the First Faculty of Medicine and General Teaching Hospital	internal medicine	Hypertensive nephropathy	31 Jan 2012	1 July 2012
MUDr. Zdeněk Beneš, CSc. 2 nd Medical Department of Thomayer Hospital, Prague	internal medicine	Use and importance of endoscopic microscopy in investigation of the digestive tract	13 Dec 2011	1 July 2012
RNDr. PhDr. Martina Ondrušová, Ph.D. Institute of Experimental Oncology of Slovak Academy of Sciences, Bratislava; Medical Faculty of Comenius University, Bratislava	hygiene and epidemiology	Comparison of development in incidence of selected malignant tumours in the Czech Republic and the Slovak Republic	28 Feb 2012	1 June 2012
MUDr. Pavel Dřevínek, Ph.D. Department of Paediatrics of the Second Medical Faculty of Charles University and Motol Teaching Hospital	medical microbiology	Bacteria of the <i>Burkholderia cepacia</i> complex: epidemiology and pathogenesis of infection in cystic fibrosis sufferers	24 Apr 2012	1 Nov 2012
MUDr. Pavel Drastich, Ph.D. Department of Hepatogastroenterology of the Institute of Clinical and Experimental Medicine; 4 th Medical Department of the First Faculty of Medicine and General Teaching Hospital	internal medicine	Bleeding from oesophageal varices: prevention and treatment	24 Apr 2012	1 Nov 2012
MUDr. Martin Oliverius, Ph.D. Department of Transplantation Surgery of the Institute of Clinical and Experimental Medicine; 1 st Surgical Department of the First Faculty of Medicine and General Teaching Hospital	surgery	Transplantation of the small intestine	19 June 2012	1 Nov 2012
Ing. Tomáš Navrátil, Ph.D. Institute of Medical Biochemistry and Laboratory Medicine of the First Faculty of Medicine; J. Heyrovský Institute of Physical Chemistry of Academy of Sciences of the Czech Republic	medical chemistry and biochemistry	Study of metabolic processes in the human organism that result in formation of thiodiglycolic acid	27 Mar 2012	1 Nov 2012
MUDr. Michal Zikán, Ph.D. Department of Gynaecology and Obstetrics of the First Faculty of Medicine and General Teaching Hospital	gynaecology and obstetrics	Syndrome of hereditary breast and ovary carcinoma	24 Apr 2012	1 Nov 2012
MUDr. Jan Jiskra, Ph.D. 3 rd Medical Department of the First Faculty of Medicine and General Teaching Hospital	internal medicine	Thyroid gland, autoimmunity and female reproductive system	19 June 2012	1 Nov 2012

JUDr. Tomáš Doležal, Ph.D.

Institute of Social Medicine and Medical Law of the First Faculty of Medicine
Institute of State and Law of the Academy of Sciences of the Czech Republic

Habilitation procedure in the field of **history of medicine**

Scientific Board of the First Faculty of Medicine on 30 Oct 2012

Title of the lecture: The nature of legal regulation of the doctor-to-patient relation

MUDr. Jiří Sláma, Ph.D.

Department of Gynaecology and Obstetrics of the First Faculty of Medicine and General Teaching Hospital

Habilitation procedure in the field of **gynaecology and obstetrics**

Scientific Board of the First Faculty of Medicine on 30 Oct 2012

Title of the lecture: New possibilities of detection of metastatic

lesions of lymphatic nodes in patients with cervical carcinoma

Appointed with the effect from 1 Feb 2013

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
Anaesthesiology and resuscitation	until 31 May 2018	–
History of medicine	until 31 July 2014	until 31 July 2014
Dermatovenereology	until 31 Jan 2020	until 31 Jan 2020
Gynaecology and obstetrics	until 18 Nov 2015	until 18 Nov 2015
Hygiene and epidemiology	until 1 Nov 2019	until 1 Nov 2019
Surgery	until 18 Nov 2015	until 18 Nov 2015
Infectious diseases	until 31 Dec 2015	until 31 Dec 2015
Cardiosurgery	until 31 May 2014	–
Clinical biochemistry	until 1 Nov 2019	until 1 Nov 2019
Medical biophysics	until 18 Nov 2015	until 18 Nov 2015
Medical biology and genetics	until 1 Nov 2019	until 1 Nov 2019
Medical chemistry and biochemistry	until 18 Nov 2015	until 18 Nov 2015
Medical pharmacology	until 1 Nov 2019	until 1 Nov 2019
Medical physiology	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 microbiology	until 1 Nov 2019	until 1 Nov 2019
Medical psychology	until 1 Nov 2019	until 1 Nov 2019
Neurosurgery	until 30 Nov 2019	until 30 Nov 2019
Neurology	until 18 Nov 2015	until 18 Nov 2015
Ophthalmology	until 18 Nov 2015	until 18 Nov 2015
Oncology	until 1 Nov 2019	until 1 Nov 2019
Orthopadics	until 18 Nov 2015	until 18 Nov 2015
Otorhinolaryngology	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
Paediatrics	until 1 Nov 2019	until 1 Nov 2019
Occupational medicine	until 31 Dec 2015	until 31 Dec 2015
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
Forensic medicine	until 1 Nov 2019	until 1 Nov 2019
Stomatology	until 31 Jan 2020	until 31 Jan 2016
Urology	until 31 Dec 2015	until 31 Dec 2015
Internal medicine	until 18 Nov 2015	until 18 Nov 2015

MUDr. Martin Andres, Ph.D.

Department of Psychiatry of the First Faculty of Medicine and General Teaching Hospital

Habilitation procedure in the field of **psychiatry**

Scientific Board of the First Faculty of Medicine on 27 Nov 2012

Title of the lecture: Significance of depression disorders in recent medicine and society

MUDr. Rudolf Ganger, Ph.D.

Department of Orthopadics of the First Faculty of Medicine and Bulovka Hospital

Ortopädisches Spital Speising GmbH, Vienna, Austria

Habilitation procedure in the field of **orthopadics**

Scientific Board of the First Faculty of Medicine on 18 Dec 2012

Title of the lecture: Treatment of Leg Length Difference and Axial Deformity at the Lower Extremity using External Fixation

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, nutritional therapy) and nursing science (general nursing),
- follow-up Master degree programmes of specialization in health care (addictology, and nursing in anaesthesiology, resuscitation and intensive care).

The programmes of general nursing and addictology 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.

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

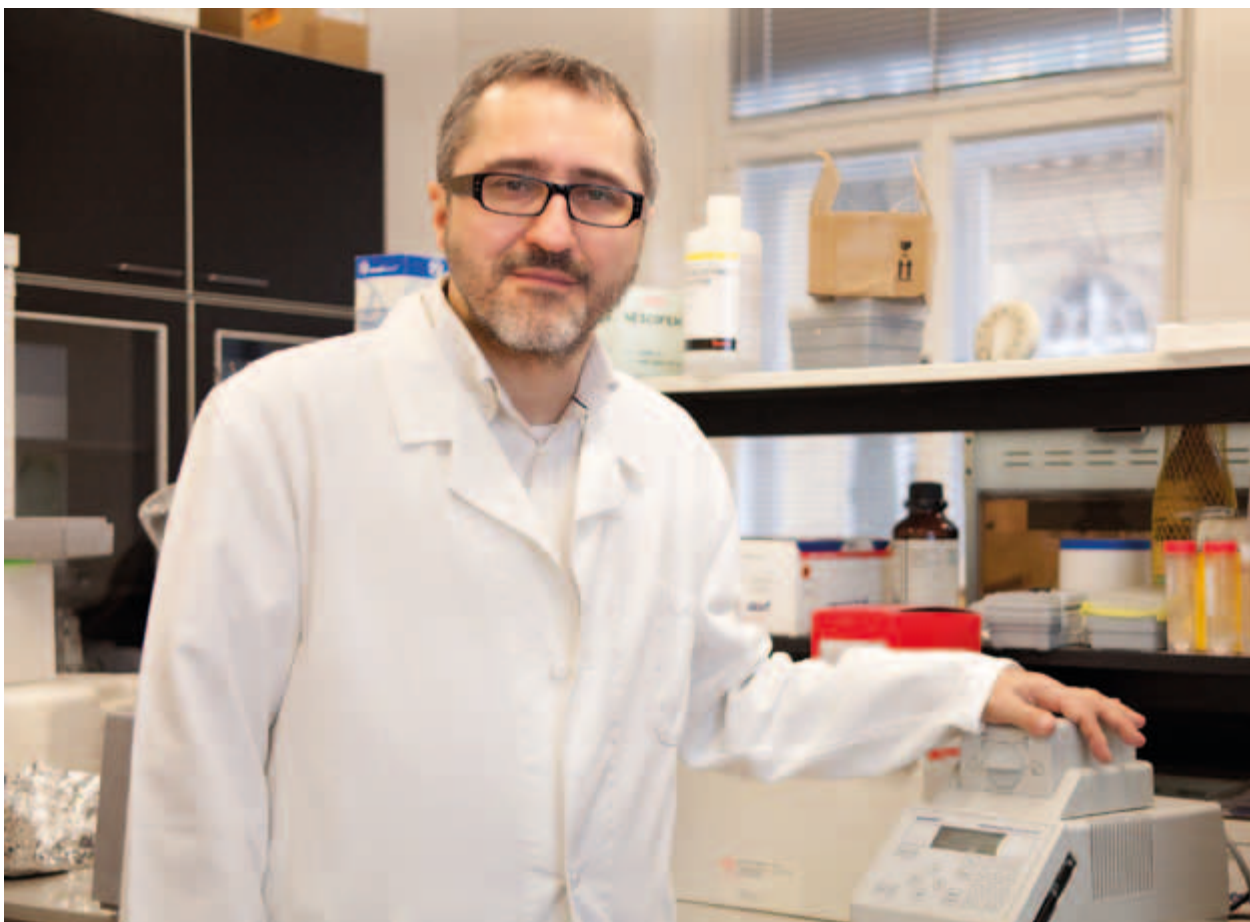
University; these studies here have been in course since 1987 without interruption.

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 certain internal regulations, such as the Rules for Organization of Studies at the First Faculty of Medicine and the Studies and Examination Regulations of Charles University.

Apart from compulsory subjects and compulsory-elective subjects that make up the core of the given field, student are supposed to gain a certain number of credit points through passing in facultative subjects. These subjects, as offered by the Faculty, are about 265 in number in Czech language and more than 60 in English.



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

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 (per cent)	Appeals out of those not admitted (per cent)
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%
2012–2013	General medicine	3,145	2,403	488	183	300	61 %	131	5.45 %	6.84 %
	Dentistry	1,312	1,013	79	268	300	89.30 %	69	6.81 %	7.36 %
	total	4,457	3,416	567				200	5.85 %	7.02 %

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. Since the academic year 2011-2012, the electronic schedule of tuition has been available in the system. To settle their agenda, the students can come to the Department of Students' Affairs, as well.

Entrance procedures, preparation and co-operation with prospective students

New students were admitted to the programmes of General medicine and Dental medicine 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 tests took place on 18th June 2012.

Entrance procedures to Bachelor degree programmes and follow-up Master programmes were conducted in a similar way, but in some of these programmes, 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 is published, and this set serves as the source for random choice by a computer to compile the actual tests. The scoring was done anonymously by a computer. The list stating the sequence of applicants according to the scores was done by a computer and it

was announced on the website of the First Faculty of Medicine as early as on the following day after the testing.

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 7th January 2012, 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. Traditionally, the Faculty also provided the lectures for students of secondary schools and professional workshops for their teachers. The lectures for students included topics such as mental disorders in the society (Prof. Raboch), stem cells (Mr. Krejčí), history of alcoholism (Dr. Popov) and immunity system (Dr. Čechová).

Education in general medicine

The biggest study programme at the Faculty is the study of General medicine, which takes six years. The first three years are mainly devoted to theoretical and pre-clinical subjects. 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.

Theoretical and pre-clinical studies

Theoretical and pre-clinical studies, in the form of lectures, practicals, seminars, and dissections, take the first three years of the



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

study programme. Students learn about 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).

Particular units of the Faculty significantly developed their teaching, providing new study materials, e-learning tools and upgrading.

Institute of Anatomy: Texts of lectures available on the internet at www.anatomina.org were extended. The textbook R. Lüllmann-Rauch: *Histologie* [Histology] was translated from German, with Prof. Miloš Grim, DrSc. and Assoc. Prof. Ondřej Naňka as editors. On the other hand, the textbook M. Grim, R. Druga et al.: *Anatomie krajín těla* [Anatomy of body regions] was translated to English under supervision of Prof. David Sedmera.

Institute of Pharmacology: Upgrading of lectures and seminars for Master degree programmes was done. For selected specialized lectures in pharmacology, some specialists of the 3rd Medical Department, Department of Anaesthesiology, Resuscitation and Intensive Care and the pharmacy of the General Teaching Hospital were engaged as well. For all students of General medicine, regular excursions to the pharmacy of the General Teaching Hospital are organized. Updating of e-learning programmes for “bachelor” students was done at the educational portal of the First Faculty of Medicine.

Institute of Biophysics and Informatics: Active participation of BioStat in e-learning to upgrade the tuition in biophysics (RNDr. Běláček) developed further. New tasks were included, such as establishment of BMI and optimal energy consumption CAL, establishment of body surface measure (using the scales purchased from Fund of Development of Schools of Higher Education). Manuals to the said tasks were created, now available in both Czech and English on the website of the Institute. To further develop the e-learning form of tuition for programmes of General medicine, Dental medicine and bachelor fields, a Catalogue of methods in biophysics was placed on the Wikiskripta/Wikilectures (Dr. Kymplová). A test in basics of physics was created and also tried at the Third Faculty of Medicine, and some other faculties are going to participate as well. The Institute co-operated in the project of creation of test questions for a new portal. This project is led by RNDr. Kvašňák of the Third Faculty of Medicine, and most medical schools took part; the portal was opened in November 2012 and includes ca 3,000 questions to test the students in biophysics. Mr. Hána a Prof. Beneš presented two congress lectures for university students under the project “21st century co-operation”. Lectures on the technology of artificial kidneys were given by Assoc. Prof. Lopot for students of the Czech Technical University (faculties of electrical engineering and bioengineering).

Institute of Biochemistry and Experimental Oncology: The Institute also engaged in tuition of specialization training (lectures in clinical oncology – Assoc. Prof. Kleibl and Assoc. Prof. Pohlreich).

Institute of Biology and Medical Genetics: The staff took an active part in modernization of tuition not only within the Institute but also in co-operation within the whole Faculty. New exhibits were scanned for students to practise through virtual microscopy in practical classes as well as on-line. Some other tasks for practical classes were updated, and now the students

Number of undergraduate students – by 31st October 2012

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	509	367	259	216	228	201	1,780
Dentistry	73	74	76	75	60		358
Nursing – full-time	19	9	18				46
Nursing – combined	52	31	48				131
Addictology – full-time	40	14	21				75
Addictology – combined	37	38	32				107
Occupational therapy	27	12	15				54
Physiotherapy	30	17	32				79
Nutritional therapy – full-time	29	13	17				59
Nutritional therapy – combined	44						44
Medical technology			1				1
Master – Nursing in anaesthesiology, resuscitation and intensive care	27	33					60
Master – Medical technology & informatics			1				1
Master – Addictology – full-time	22	35					57
Master – Addictology – combined	19						19
Total	928	643	520	291	288	201	2,871

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 (+paying students)	195 (188)	117 (83)	72 (87)	52 (87)	76 (83)	76 (78)	588 (606)
Dentistry (+paying students)	18 (31)	9 (22)	9 (18)	6 (26)	13 (13)		55 (110)
Addictology – full-time	-	-	3				3
Addictology – combined	3	2	2				7
Occupational therapy	-	-	-				-
Physiotherapy	3	-	2				5
Nursing / General nursing – full-time	4	-	1				5
Nursing / General nursing – combined	3	3	2				8
Nutritional therapy – full-time	-	-	-				-
Nutritional therapy – combined	1	-	-				1
Master – Nursing in anaesthesiology, resuscitation and intensive care	5	-					5
Master – Addictology – full-time	2	1					3
Master – Addictology – combined	-	-					-
Total (+paying students total)	234 (219)	132 (105)	91 (105)	58 (113)	89 (96)	76 (78)	680 (716)

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

Branch	Czech	International
General medicine	361	139
Dentistry	68	14
General nursing – full-time	15	2
General nursing – combined	44	3
Addictology – full-time	24	-
Addictology – combined	32	2
Occupational therapy	23	-
Physiotherapy	26	3
Nutritional therapy – full-time	29	-
Nutritional therapy – combined	44	1
Master – Nursing in anaesthesiology, resuscitation and intensive care	25	5
Master – Addictology – full-time	18	-
Master – Addictology – combined	17	2
Total	726	171

can solve them using special on-line tools and data bases. Electronic teaching materials were updated and articles on genetic topics were adjusted on the Wikiskripta/Wikilectures. MUDr. Antonín Šípek Jr. took active part in the MEFANET e-learning conference, where he presented the possibility of creation of interactive case studies in electronic setting. The Institute staff are also engaged in introducing and testing the special programme ROGO, which shortly should be used for electronic testing of students within the First Faculty of Medicine.

Institute for History of Medicine and Foreign Languages: To promote electronic forms of tuition, new on-line courses in the MOODLE system were created for language training in English and German for students in the combined form of studies (Dr. Šárka Blažková Sršňová, Ms. Helena Šubrtová). In the recording studio of the First Faculty of Medicine (T. Herrmann), new audio records for the textbook *English for Medical Students. Third Edition* (Weberová, B. et al.) were made by native speakers (Ruth Re, Callie Renner and the new lecturer of the Institute, Zachary H. K. Kendall). The audios are available for students both in the classes and on-line for autonomous training, and they can be

used freely, which may boost the quality of learning the foreign medical language. The 2nd volume of the textbook *English for nursing* (Cita, S.), designed for bachelor degree programmes, was published. The new textbook for English parallel classes Karel Černý, *Guide to Medical Terminology* was finished and reviewed successfully. In the academic year 2012-2013, a new optional subject for bachelor degree programmes was launched – English for therapies (Dr. S. Cita).

Institute of Histology and Embryology: A data base of virtual histological exhibits was displayed on the internet.

Institute of Immunology and Microbiology: A new textbook *Pharma Reports: Klinicky významné bakterie*. [Clinically important bacteria] was published, translated by J. Julák. Using the IRP 12 programme, innovation of tuition was performed for the subject Microbiology, support for the doctoral programme of Microbiology and arrangements for the programme of life-long education. This was done with the aim to improve the students' training in terms of deepening their knowledge in the sphere of interpretation of laboratory results of both diagnostic and research nature, utilising technologies that enable to gain sufficiently accurate results, as well as making the tuition in microbiology more attractive and securing its quality so that it will meet modern requirements.

results, as well as making the tuition in microbiology more attractive and securing its quality so that it will meet modern requirements.

Institute of Clinical Biochemistry and Laboratory Medicine:

The teachers of the Institute carried on working at the project "Clinical biochemistry – innovated interactive education through e-learning" (project number C. Z. 1.07/2.2.00/15.0048, registered at Ministry of Education, Youth and Sport and supported from a grant of the European Social Fund in the Czech Republic – ESF-EU). Texts for particular chapters of the interactive textbook for medical students "E-clinical biochemistry" (<http://elius.lfp.cuni.cz/ebio>) were finished. Further, the educators compiled presentations for training in Clinical biochemistry and supplied them with sound tracks. Since the academic year 2012–2013, a new type of tuition for medical students in the 6th year has been introduced, which includes presentation of case studies in the subject Clinical biochemistry. Subsequent to the transfer of postgraduate specialization training to medical faculties, special accredited courses of Clinical biochemistry for pre-attestation training continue. In these courses, lecturers from other medical faculties are engaged as well. In 2012, thirteen educational videos were created in co-operation with the Audio-Video Centre of the Institute of Scientific Information of the First Faculty of Medicine. A new programme was launched – the series of 12 lectures in the optional subject Neurobiology of behavioural disturbances. In co-operation with the Medical Faculty in Plzeň, e-learning for Clinical biochemistry is being prepared, by Dr. Šebesta and Dr. Trnková as supervisors for the First Faculty of Medicine. The Central Haematological Laboratories and the Thrombotic Centre of the General



Prof. PhDr. Michal Miooský, Ph.D.
Vice-Dean for Non-Medical Study Programmes

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	2012
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)	1,780/1,194 (606)
Stomatology / Dentistry	243/43 (11)	192/106 (29)	259/81 (46)	260/35 (57)	297/112 (74)	293/127 (90)	334/145 (98)	358/165 (110)
General nursing – full-time	66/2	65	73/2	67/2	58/8	53/9	53/8	46/5
General nursing – combined	109/21	125/23	92/15	62/15	82/3	119/5	138/9	131/8
Addictology – full-time	-	37/1	68/0	82/0	89/1	88/3	81/7	75/3
Addictology – combined	-	-	-	-	42/3	112/9	119/4	107/7
Occupational therapy	91/3	87/5	92/6	64/6	74/3	58/4	53/2	54/-
Physiotherapy	77/6	114/17	110/26	91/26	88/23	81/25	79/8	79/5
Nutritional therapy – full-time	-	-	-	-	18	44/8	54	59/-
Nutritional therapy – combined								44/1
Medical technology	61/3	60/7	56/12	46/12	47/3	18/1	9/2	1/-
Master – Nursing in anaesthesiology, resuscitation and intensive care	-	-	-	-	59/9	39	9/3 32	60/5
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	1/-
Master – Addictology – full-time						27/0	54/1	57/3
Master – Addictology – combined								19/-

Teaching Hospital provided tuition for first year students in the follow-up Master degree programme of Nursing in anaesthesiology, resuscitation and intensive care (subject Haematology), for second year students in the follow-up Master degree programme of Nursing in anaesthesiology, resuscitation and intensive care (subject Disorders of haemostasis and basic transfusion medicine), and laboratory practice for fifth year students of Medicine. Further, seven professional seminars were organized. In 2012, the teachers at the Institute regularly updated the practicals and manuals, which are available at the portal Practical classes in biochemistry on Wikiskripta/Wikilectures.

Institute of Pathological Physiology: The third edition of the textbook *Patofyziologie pro nelékaře* [Pathophysiology for non-medical health professionals] was published. Co-operation developed with some clinical departments, particularly the 2nd Medical Department and the Department of Nephrology), to prepare lectures and some case seminars.

Institute of Pathology: Research into the project Creation of e-learning study programmes for theoretical subjects in health care (supervised by Prof. Dušková for the field of pathology in the European Social Fund, Operational Programme Prague – Adaptability).

Institute of Theory and Practice of Nursing: The training model SimMan, which enables creation of scenarios of various clinical situations, training of teamwork, and the motion unit for the model Nursing Anne were procured. Innovation of tuition for the English parallel in the subjects First Aid and Patient Care, utilizing e-learning, was done, and creation of teaching aids, such as the video on injecting techniques.

Clinical training

Although the academic year 2011–2012 at the First Faculty of Medicine was marked with the change at the post of the dean, the clinical training continued as usual at a high rate and with high demands on students as well as teachers. In clinical placements, the emphasis was on the adequate proportion of seminars and practical bedside training. Supervising teachers were also encouraged to take more care observing the students' Lists of clinical skills ("Logbooks") to check on the study obligations fulfilled.

There was discussion concerning organization of Final State Examinations and other exams, which resulted in a proposal to change the *Rules for Organization of Studies at the First Faculty of Medicine* to prevent students from irresponsible actions such as repeated registrations (and cancellations) for exams or failures to turn up for the exam.

In December 2012, new premises for the clinical Department of Anaesthesiology, Resuscitation and Intensive Care were opened in the area of the General Teaching Hospital, which enable a modern setting for teaching theoretical subjects as well as for experience medicine. At the Department, four theoretical subjects are taught: Street emergency medicine, Hospital emergency medicine, Basics of anaesthesia and Practical skills in perioperative medicine (the latter two in English). E-learning is available in the Czech version at the website <http://portal.lf1.cuni.cz>, and some other lectures are at www.karim-vfn.cz in the section Education.

Tuition at the Institute of General Medicine reflected some changes that had resulted from the previous development projects; these should make the tuition more attractive and efficient, contributing above all to its interactivity and practical bias. Several new promising tutors were found to provide tuition in clinical placements in both Czech and English. Audiovisual aids were made in a development project for the purposes of presentation of the Institute of General Medicine and the tuition. A course on Utilization of CRP method in clinical practice, which is a prerequisite for obtaining a code, was transferred to the e-learning form and now is available at the platform www.euni.cz (secured by a contract with the First Faculty of Medicine). The Head of the Institute is the main author of the international e-learning lecture *Irritable bowel syndrome*, which is available at the educational server of the European Federation of Gastroenterology (www.eug.org).

Teachers of the Department of Gynaecology and Obstetrics published the educational DVD *Guide to disease: Most common gynaecologic malignancies* at Dialog Jessenius. In January 2012, the Institute of Medical Biochemistry and Laboratory Medicine was created through the merger of the Institute of Clinical Biochemistry and the Institute of Clinical Biochemistry and Laboratory Medicine. The Department of Phoniatrics further developed

Number of students in Bachelor and follow-up Master degree programmes in the academic year 2011–2012

Bachelor programmes	Number of students
General Nursing – full-time	61
General Nursing – combined	147
Occupational therapy	55
Physiotherapy	87
Medical technology	11
Addictology – full-time	88
Addictology – combined	123
Nutritional Therapy	54
Bachelor programmes – total	626
Follow-up Master programmes	
Medical technology and informatics	18
Addictology – full-time	55
Intensive care	12
Nursing in anaesthesiology, resuscitation and intensive care	32
Master programmes – total	117
Non-medical programmes – total	743

Graduates in Bachelor degree programmes in 2011–2012

Field of studies	Number of graduates
Addictology – full-time	20
Addictology – combined	14
Occupational therapy	14
Physiotherapy	20
Nutritional therapy	16
Nursing – full-time	12
Nursing – combined	26
Medical technology	8
total	130

Graduates in the follow-up Master degree programmes in 2011–2012

Field of studies	Number of graduates
Medical technology and informatics	8
Intensive care	5
Addictology – full-time	10
total	23

the subject Disorders of communication and issued the textbook *Foniatrie* [Phoniatics] and – in co-operation with the Faculty of Electrical Engineering of the Czech Technical University – prepared the e-learning application *Atlas onemocnění hlasu a řeči* [Atlas of voice and speech disorders].

At the Medical Department of the First Faculty of Medicine and Central Military Hospital, training in gastroenterology is provided for the 5th year medical students, and the training cycles were implemented for 300 5th year students, including those in English parallel classes. In 2012, the Central Military Hospital gained the status of a Teaching Hospital. The Department of Ophthalmology of the Central Military Hospital obtained a new teaching aid – Hertel's exophthalmometer.

The Department of Oncology of the First Faculty of Medicine and Thomayer Hospital participated in creation of an e-learning programme for oncology (<http://www.onkokurz.cz>). The Department of Geriatrics widened the scope of health care professions

that involve Geriatrics as a core subject in their curricula, and students in English parallel classes learn about materials of the American Geriatric Society (AGS), Geriatrics Evaluation and Management, and the practical training now includes demonstration of rehabilitation with in-patients. A new e-learning programme in English was created, called Management of dysphagia in advanced dementia.

During the outbreak of the methanol poisoning “epidemics”, the Toxicological Information Centre of the Department of Occupational Medicine performed a number of activities, which included consulting for physicians and health staff in case of suspected poisoning and also a Ministry of Health free phone number to inform people, methodological activities and procuring as well as distribution of Fomepizol, the antidote. Then a project of research into consequences of methanol poisoning in the survivors was started. At the Department of Urology, renovation of the lecture hall was done.

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 has been 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.

At the beginning of the academic year 2012–2013, training of 5th year students of Dentistry was restructured in order to provide best conditions for mastering clinical skills that will enable that the graduates have full professional competencies covering the primary preventive as well as curative dental care. However, part of tuition of particular stomatological disciplines is still performed at special units, such as children's dental care and orthodontics, and so is tuition in dental surgery, facial and mandibular surgery, which takes place at the Department of Oral, Mandibular and Facial Surgery.

The new form of pre-exam training before the Final State Examination makes the teachers work at full stretch but also requires more intensive involvement of the students, co-operation in running the training theatres and an active approach in recruiting suitable patients willing to be a subject in professional training.

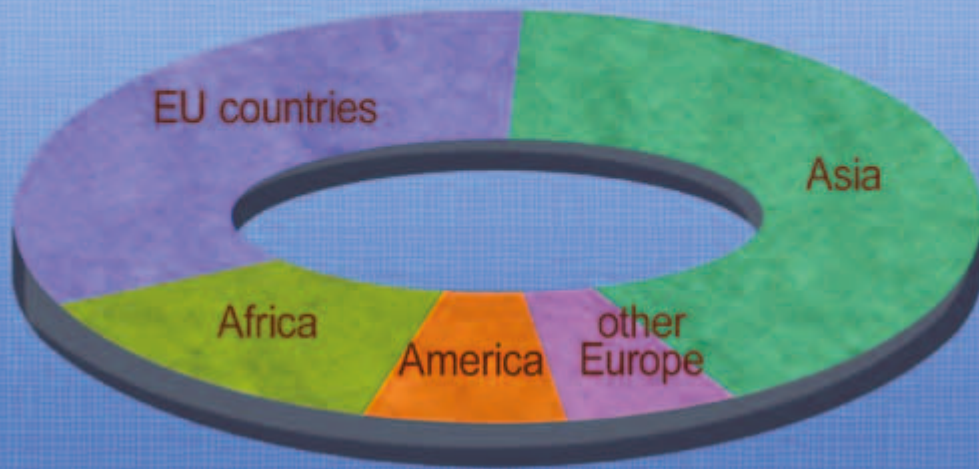
Tuition in theoretical subjects as well as in those of general medical nature was implemented to the same extent as in the past years.

In 2012 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.

Education in non-medical health care fields

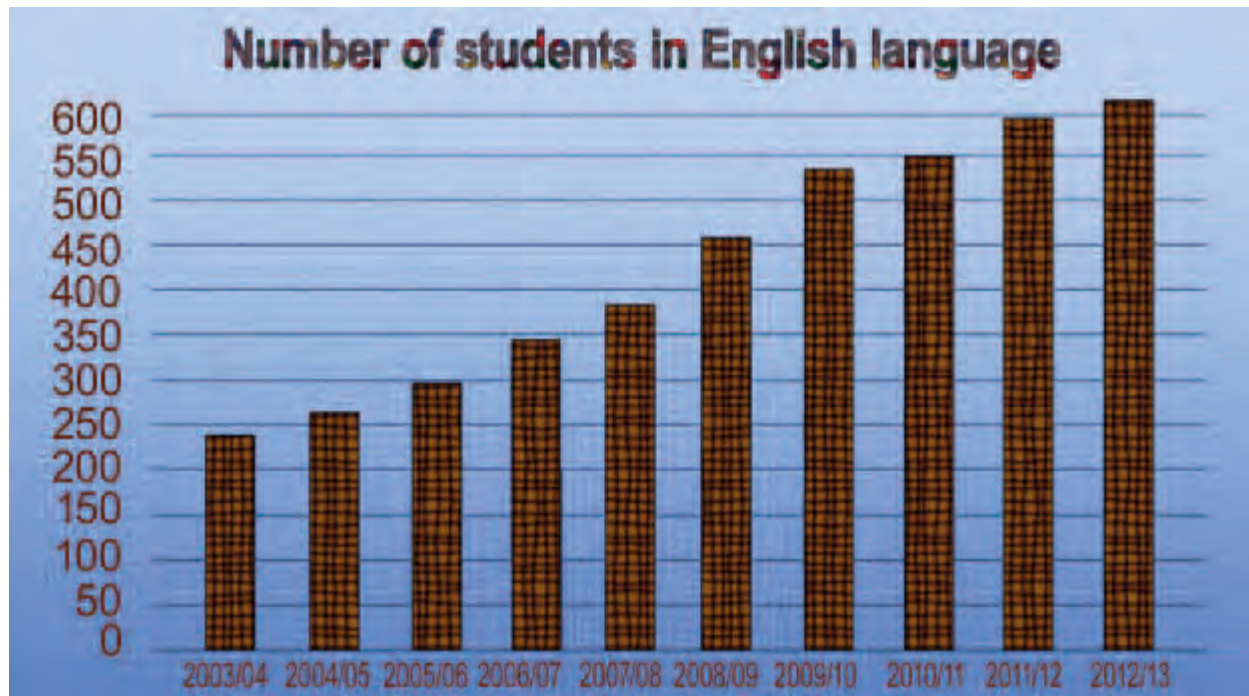
For non-medical health care fields at the First Faculty of Medicine, 2012 was the year marked with several changes. The two-year project focused on stabilization and preparation of gradual restructuring of study programmes in the following several years entered the final stage of its implementation. This stage consisted in preparation and launching of the process of accreditation of Master degree programmes, with the aim to secure a follow-up to the current Bachelor degree programmes. In the past three years, the Bachelor degree programmes have experienced a general revision and re-accreditation. In the long term aspect, they have been stabilized both in number and capacity, with the focus on promoting their quality and emphasis on practical training. Preparation and development of new Master degree programmes and – in long-term prospect – programmes of postgraduate education are

Percentage of international students coming from particular continents

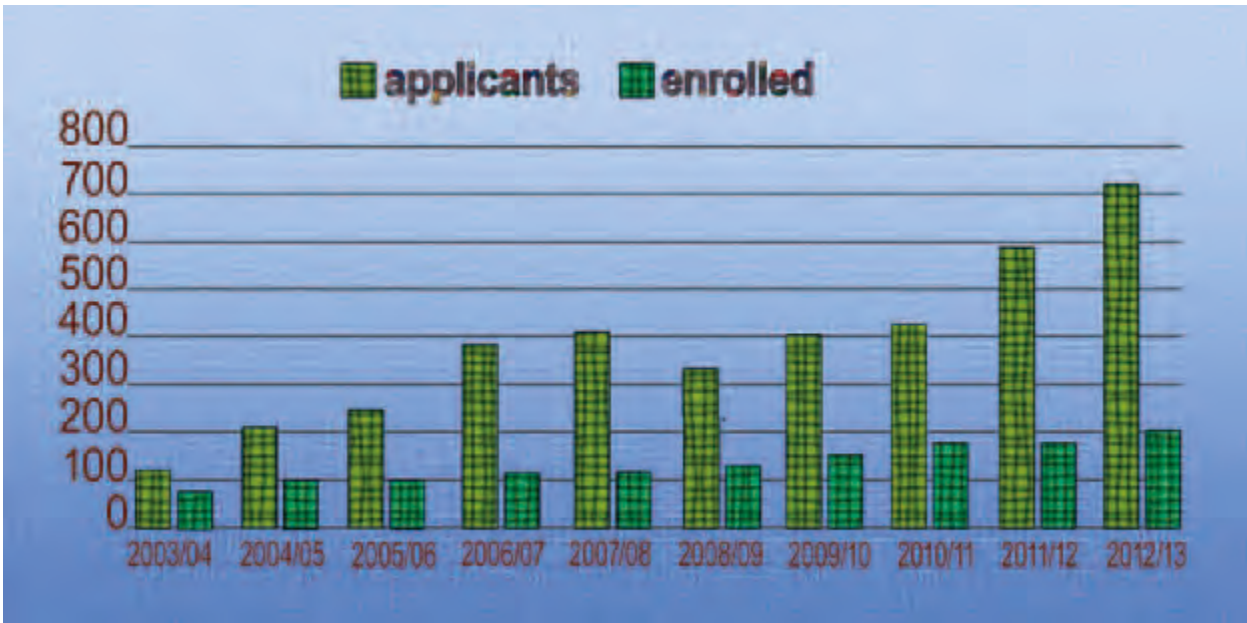


Development in the total number of international paying students in the past 10 years

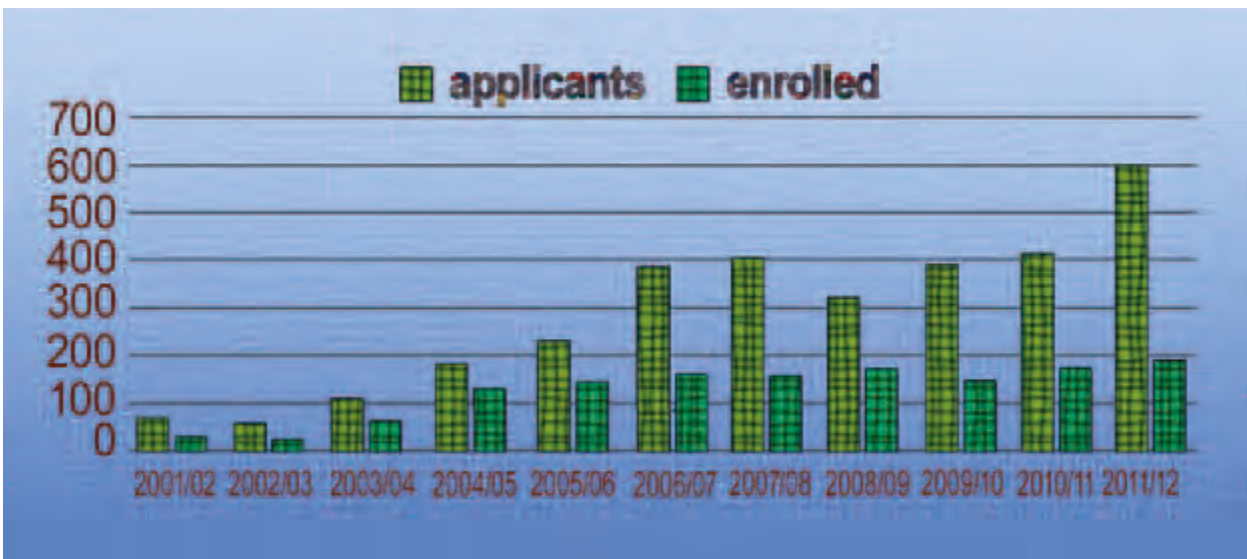
Number of students in English language



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



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



connected with priorities in the sphere of scientific research activities and engagement of students in these. In its new concept, which is considered for the period of 2013-2016, the Faculty aims at creating integral complex programmes in selected fields of priority, at all major levels and with maximum stress on quality and interconnection with research. The new Bachelor degree study programme of Midwifery is in the process of finishing, in collaboration with the nursing college in Prague 4.

In 2012, we carried on promoting the interconnection of education and scientific research in non-medical fields. In case of fields of occupational therapy and physiotherapy, the process of preparation of the follow-up Master degree programmes of 2011 was reflected in finishing the proposal and starting the accreditation procedures for these programmes. At the same time, work on fine-tuning the concept of the follow-up Master degree programmes of Nutritional therapy and Nursing started. (While the current programme in Nursing is focused on Intensive care, new programmes of Psychiatric nursing and Gerontology are being considered.) For the fields of General nursing and Addictology, the procedures to prolong the accreditations have started. Then, for the first time in the Faculty's history, a non-medical field, namely Addictology, obtained accreditation for an autonomous postgraduate doctoral programme (Ph.D.), which is another proof of the said shift in the concept of the study, marked with emphasis on higher levels of education and bonds with research in the whole segment of these fields at the Faculty.

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

In 2012, tuition for the 2nd year of studies (summer semester) of the third-age university went on, which was for the 25th time, and

for the 26th 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: Human 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 Orthopaedics and the Motol Teaching Hospital on the topic *Contemporary orthopaedics and current scope of treatment of orthopaedic disorders*, and in the winter semester the cycle of lectures *Diseases of bones and joints* by the Department of Rheumatology and the Institute of Rheumatology. 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



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

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 7th June 2012, at the presence of the course supervisors, professors and many other teachers of the Faculty.

Tuition of international students

In 2012, the upward trend in the number of candidates for studies in English language continued. The growing interest in this kind of study as well as the increasing number of students enrolled 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 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 admission of the Czech Republic to EU in 2004. Another crucial change in the composition of the English-taught parallel class, however, is the continuous increase in students from North America, Africa, and above all from Asia, particularly from Malaysia.

The main issue connected with the self-paying international students that the Faculty has been concerned with in the past years is particularly 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 naturally 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 2012, 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.

Like in the Czech-taught classes, education in the five-year programme of dentistry has also been provided in English for seven years, which replaced 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 2012 this organization further developed its acti-



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

Alumni of the First Faculty of Medicine

Study programme	2005/2006	2006/2007	2007/2008	2008/2009	2009/2010	2010/2011	2011/2012
General medicine	205	242	306	297	264	288	263
Stomatology / Dentistry	31	41	22	99	58	48	31
Nursing	47	46	55	52	20	15	38
Occupational therapy	16	20	22	20	13	15	14
Physiotherapy	16	40	27	32	25	23	20
Addictology	-	-	13	25	16	35	34
Medical technology	14	15	17	11	10	7	8
Nutritional therapy	-	-	-	-	-	11	16
Medical technology and informatics	6	12	13	13	16	30	8
Intensive care	-	-	-	34	28	25	5
Addictology	-	-	-	-	-	-	10
Health teaching for secondary schools	26	48	8	1	-	-	-
English parallel class – General medicine	16	20	17	27	44	39	51
English parallel class – Dentistry / Stomatology	-	1	-	7	16	9	12
Total	377	485	500	618	510	545	510

Survey of courses and seminars of Life-long Education at the First Faculty of Medicine in 2012

	Courses & seminars for doctors	Courses for non-medical professions	Courses in co-operation with pharmaceutical companies	Total
number of events	36	3	84	123
number of participants	1,566	44	5,738	7,368

vities, including the publication of its proceedings at the website of the Faculty, and widened its scope in terms of social problems of international students. This organization has 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 in spring. 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.

Electronic support of tuition

In 2012, the development of electronic support of tuition continued. A number of new electronic study materials were published at the educational portal of the First Faculty of Medicine (<http://portal.lf1.cuni.cz>). The bulk of these documents is available to anyone interested at any medical school in the Czech Republic or the Slovak Republic. Also in the Adobe Connect system (<http://el.lf1.cuni.cz>), which is mainly intended for storage of lectures and commented presentations, scores of new materials occurred.

A relatively new tool, devised thanks to our Faculty, is the storage of medical videos www.medicalmedia.eu, which enables to store even clinically sensitive documents and make them safely available to students. At present, nearly 300 files are stored at this server.

One of the most employed tools for electronic support of tuition is still the WikiSkripta (<http://www.wikiskripta.eu>), or in the English version WikiLectures (<http://www.wikilectures.eu>), which is run by the First Faculty of Medicine of Charles University. The WikiSkripta / WikiLectures is the most visited web for undergra-

duate medical education in the Czech Republic and the Slovak Republic at the time. It is an open storage site of study materials, whose operation is secured by a large group of medical students.

Much attention is paid to creation of new tools for promotion and facilitation of testing. In 2012, work on localization of the Rogo testing system in Czech language began.

Development of tools for electronic support of tuition at the First Faculty of Medicine is co-ordinated with other medical faculties as well. The First Faculty of Medicine is one of the charter members of the MEFANET association (<http://www.mefanet.cz>), whose aim is to join forces in this sphere, accelerate the development and enhance the quality of the final products.

Specialty training and life-long education of health care professionals

Specialty training and life-long education of health care professionals at the First Faculty of Medicine of Charles University is the domain of the Department of Specialty Training and Life-long Education. Apart from the traditional courses of life-long education of physicians, its scope now also comprises life-long education of dentists and non-medical health care professionals (mainly addictologists at the time), and recently – above all – specialty training of doctors and dentists.

Specialty training of doctors and dentists

2012 was the first year, when seven medical faculties started the full extent of postgraduate specialty training in 39 basic specialties for physicians and 3 specialties for dentists, pursuant to the public agreement between the universities and the Ministry of Health of the Czech Republic of 27th September 2011.

The First Faculty of Medicine was the co-ordinator for all seven faculties this year and provided communication with the Ministry as well as communication between particular faculties, co-ordinating experts and specialist supervisors. Until 30th September 2012, the chairman of the Co-ordinating council and the representative of the First Faculty of Medicine was Prof. Aleš Linhart.

After the said date, Prof. Jan Škrha has been the representative of the First Faculty of Medicine, who is in charge of postgraduate specialty training at the Faculty. Then, specialist supervisors are responsible for specialty training in particular specialties, and the staff of the Department of Specialty Training and Life-long Education perform all the clerical and organizing tasks.

The activities connected with specialty training involve, above all, enrolment for a particular specialty, recognition of training placements done in other specialties, issuing the certificates, and particularly organization and co-ordination of attestation exams and compulsory pre-attestation courses.

Registration of doctors and dentists in specialty training through the web application of the Ministry of Health comprises both doctors who have just graduated and entered specialty training and those who had been in specialty training and now had to register at the First Faculty of Medicine. By 15th December 2012, the First Faculty of Medicine kept specialty training files of 702 doctors and dentists. The staff of the Department of Specialty Training and Life-long Education also get the evaluation of practical/clinical experience done in order to be able to issue certificates after completion of the common core (45 certificates issued by now) or to recognize training placements done in other specialties.

Compulsory courses, for which certification has already been obtained by the First Faculty of Medicine, mean 59 special training courses in 28 specialties (one of them still in the process of accreditation application).

Out of the total of 90 courses, prepared by all medical faculties in a "rotation scheme", 32 took place at the First Faculty of Medicine, with 494 trainee doctors and dentists. Organization of compulsory courses, or perhaps their effectiveness, may be a problem in "minor" specialties and in some specialties where the offer of virtually identical activities is really wide. Nevertheless, we managed to keep the budget – by and large – well balanced.

This year, attestation exams took place at medical faculties for the first time, which was also based on an agreement between the schools. The First Faculty of Medicine provided attestation exams in 23 specialties, and 265 doctors and dentists took the oral and practical exam, which is one third of the total number of doctors "attested" at all medical faculties.

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

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

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

Life-long education of doctors, dentists and other health care professionals

In 2012, the Department organized and prepared 36 courses of life-long education, attended by 1,566 physicians and including clinical seminars at institutes and clinical departments of the First Faculty of Medicine, three courses of life-long education for 44 non-medical professionals, and another 84 educational events for 5,758 physicians of various profiles in co-operation with pharmaceutical companies. Altogether, 123 courses and seminars for 7,368 participants were arranged by the Department of Specialty Training and Life-long Education. Pursuant to Professional Regulation 16 of the Czech Medical Chamber, those participants who are doctors will be given the respective number of credits for the said courses at the First Faculty of Medicine, which became a member of the Association of Life-long Education of the Czech Medical Chamber in 2012.

The Department of Specialty Training and Life-long Education provides up-to-date information about specialty training and life-long education of doctors and dentists at the website of the First Faculty of Medicine (<http://www.lf1.cuni.cz/specializacni-vzdelavani>) as well as through consultation in electronic form, on the phone or face-to-face. To facilitate the access for applicants and the administration of compulsory courses, a common portal of the First Faculty of Medicine and the General Teaching Hospital (www.acvz.cz) was launched.

The Department of Specialty Training and Life-long Education arranges for printing and distribution of logbooks for specialty training at all medical faculties. It also prepares the documents for accreditation of educational programmes and courses in the province of the Ministry of Health or Ministry of Education, Youth and Sport, and it administers the credits from professional associations that are given to doctors, dentists and other health care professionals for participation in the courses of life-long education. Recently, the accreditation has been extended to specialty training of non-medical professions in the fields of Clinical biochemistry and Microbiology. A completely new course is the accredited qualifying course in Addictology, whose participants are registered by the Department of Specialty Training and Life-long Education as well.

*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*

*MUDr. Martin Vejražka, Ph.D.
member of the Dean's Board, in charge of e-learning*

GRADUATES OF CHARLES UNIVERSITY – THE FIRST FACULTY OF MEDICINE IN PRAGUE IN 2012

Graduation ceremony on 19th April 2012 at 10.30 a.m.

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

Bodnárová Antónia, Humenné, Slovakia
 Čepelíková Eva, Mladá Boleslav
 Dujka Libor, Vsetín
 Fekete Juraj, Myjava, Slovakia
 Frelich Michal, Ostrava
 Heřtová Lea, Louny
 Hlaváček Jiří, Ústí nad Labem
 Hokschová Žaneta, Prague
 Ilczyszyn Daniel, Prague
 Kohut Petr, Louny
 Mačinga Peter, Košice, Slovakia
 Mášová Anna, Prague
 Navrátilová Adela, Ružomberok, Slovakia
 Oh Yun Min, Seoul, Korea
 Papík Jan, Prague
 Pituchová Ivana, Košice, Slovakia
 Poláčková Jana, Frýdlant
 Převrtilová Edita, Tábor
 Richtar Pavel, Opava
 Bc. Rohovcová Zdenka, Písek
 Sitárová Barbora, Bojnice, Slovakia
 Skácelová Nikola, Boskovice
 MUDr. Skalický Jiří, Hradec Králové
 Slavík Tomáš, Louny
 Svátová Kateřina, Prague
 Szabó Arpád, Prague
 Trojanová Olga, Kolín
 Turková Monika, Tábor
 Tylš Filip, Prague

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

Malcharová Silvie, Starý Bohumín

Graduation ceremony on 26th July 2012 at 9. 00 a.m.

In the follow-up Master degree programme of Specialization in health care, field Intensive care, the following completed their studies:

Bc. Atanasova Albena, Sofia, Bulgaria
 Bc. Lukešová Ludmila, Prague
 Bc. Matúšová Veronika, Ilava, Slovakia
 Bc. Morávková Tereza, Prague
 Bc. Vašková Marcela, Zábřeh

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

Bc. Burešová Lenka, Teplice
 Bc. Fišer Ivan, Prachatice
 Bc. Koblasa Vladimír, Prague
 Bc. Martikán Petr, Kladno
 Bc. Menclová Lucie, Plzeň
 Bc. Moravcová Monika, Pelhřimov
 Bc. Procházka Miroslav, Hořice v Podkrkonoší
 Bc. Vodhánilová Edita, České Budějovice

In the follow-up Master degree programme of Specialization in health care, branch Addictology, the following completed their studies:

Bc. Burešová Zdeňka, Brno
 Bc. Drápalová Eva, Prague
 Bc. Jurystová Lucie, Prague
 Bc. Lávičková Jana, Český Krumlov
 Bc. Pavlovská Amalie, České Budějovice
 Bc. Rotreklová Anna, Opava
 Bc. Zatřepálek Jiří, Kutná Hora

Graduation ceremony on 26th July 2012 at 10.30 a.m.

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

Borunská Hana, Opava
 Chaloupka Adam, Dačice
 Konupková Markéta, Tábor
 Nevrlková Zdeňka, Český Krumlov

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

Dianiška Michal, Most
 Egamova Nilufar, Tashkent, Uzbekistan
 Famfulíková Eva, Uherské Hradiště
 Folouská Tereza, Bruntál
 Habl Marek, Prague
 Horkelová Kristýna, Český Těšín
 Hubalovská Nikola, Havířov
 Izajová Michaela, Rakovník
 Kociánová Radka, Dvůr Králové nad Labem
 Kočková Markéta, Kladno
 Kořátko Adam, Prague
 Michálková Monika, Nové Město na Moravě
 Musilová Lenka, Brno
 Ondrůjová Hana, Prague
 Schneiderová Kateřina, Binningen, Switzerland
 Smotlachová Adéla, Plzeň
 Srbová Markéta, Kladno
 Swiatková Soňa, Karviná
 Šebestová Kateřina, Tábor
 Šmejkalová Jana, Prague
 Štajglová Lada, Dvůr Králové nad Labem
 Urbanová Veronika, Plzeň
 Vácha Ondřej, Hradci Králové
 Valentová Dana, Prague
 Zemanová Miroslava, Kyjov
 Žáčková Klára, Prague

Graduation ceremony on 26th July 2012 at 12.00 (noon)

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

Bambasová Tereza, Prague
 Bušková Kamila, Podbořany
 Dohnálek Petr Adam, Bílovec
 Fousková Radka, Prague
 Halušková Lenka, Košice, Slovakia
 Havlík Zdeněk, Jablonec nad Nisou
 Hrabínová Jana, Chlumeck nad Cidlinou

Jurčinová Daniela, Ružomberok, Slovakia
 Karlíková Alžbeta, Myjava, Slovakia
 Kettnerová Martina, Chlumeč nad Cidlinou
 Knotková Klára, Česká Lípa
 Kočí Petra, Prague
 Koláčková Zuzana, Poprad, Slovakia
 Krajínová Petra, Jaroměř
 Králová Veronika, Prague
 Kučerák Jozef, Bratislava, Slovakia
 Laiblová Johana, Strakonice
 Malčická Martina, Žiar nad Hronom, Slovakia
 Meluzín Jan, Prague
 Michorová Nela, Kladno
 Pinteš Radoslav, Zlaté Moravce, Slovakia
 Polenská Martina, Chrudim
 Poročáková Katarína, Nové Zámky, Slovakia
 Rónaiová Adela, Trenčín, Slovakia
 Ryšánek Pavel, Prague
 Samková Lucie, Most
 Synková Jeannette, Prague
 Ing. Šupová Katarína, Topoľčany, Slovakia
 Thomasová Lucie, Havířov
 Uhlík Jindřich, Karlovy Vary
 Vencáľková Dagmar, Nové Město na Moravě

Graduation ceremony on 26th July 2012 at 1.30 p.m.

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

Březinová Vanesa, Prachatice
 Buděšinská Petra, Havlíčkův Brod
 Mgr. Burger Tomáš, Prague
 Czókolyová Eva, Trnava, Slovakia
 Čermáková Zita, Slaný
 Holub Martin, Kladno
 Horázná Jana, Hořovice
 Hubináková Romana, Partizánske, Slovakia
 Hullová Pavlína, Liberec
 Chrástová Michaela, Nové Město na Moravě
 Iľušáková Lenka, Trenčín, Slovakia
 Kaasová Markéta, Tábor
 Knyblová Hana, Havířov
 Kolářová Kristýna, Beroun
 Kučerka Ondřej, Nový Jičín
 Lamparterová Lucie, Brno
 Machoňová Iva, Tábor
 Maršáková Anna, Vimperk
 Mikulecká Lenka, Ústí nad Orlicí
 Nováčková Michaela, Brno
 Pipková Marcela, Prague
 Píšťková Jana, Nitra, Slovakia
 Rozsypalová Alena, Most
 Sládková Eva, Brno
 Vlasák Jakub, Prague
 Vocetková Karolína, Prague
 Vonášková Kateřina, Hodonín

Graduation ceremony on 27th July 2012 at 9.00 a.m.

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

Sedlák František, Prague

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

Černá Šárka, Prague
 Fürstová Lucie, Příbram
 Grobelná Hana, Ostrava

Járová Nikola, České Budějovice
 Jarušková Monika, Prague
 Jonáš Jakub, Varnsdorf
 Kajzar Petr, Vítkov
 Klouda Jan, České Budějovice
 Kolláthová Lívia, Nové Zámky, Slovakia
 Kouřilová Gabriela, Prague
 Kristan Jitka, Pelhřimov
 Kviatková Katarína, Martin, Slovakia
 Lencséssová Zuzana, Zvolen, Slovakia
 Lojanová Katarína, Humenné, Slovakia
 Machalková Barbora, Kroměříž
 Mařanová Jana, Prague
 Mattová Jana, Vranov nad Topľou, Slovakia
 Mazurová Stella, Prague
 Mertlová Markéta, Prague
 Mizerová Martina, Čadca, Slovakia
 Patacká Beáta, Michalovce, Slovakia
 Petrušková Zuzana, Levoča, Slovakia
 Plačková Simona, Poprad, Slovakia
 Prídavková Vanda, Bojnice, Slovakia
 Procházková Petra, Varnsdorf
 Přenosilová Jana, Kutná Hora
 Romerová Michaela, Čeladná
 Šafránková Lucie, Most
 Škripeková Barbora, Čadca, Slovakia
 Špinarová Pavla, Prague
 Vankátová Lenka, Louny
 Votavová Monika, Prague
 Weissová Danica, Trebišov, Slovakia
 Zdeňková Anna, Hořovice

Graduation ceremony on 27th July 2012 at 10.30 a.m.

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

Hudcovský Jozef, Žilina, Slovakia

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

Beňačka Marek, Košice, Slovakia
 Doubravová Eva, Hodonín
 Essel Afia Agyem, Bonn, Germany
 Frühauf Jiří, Prague
 Holas Martin, Prague
 Hölclová Veronika, Prachatice
 Chovancová Michaela, Zvolen, Slovakia
 Jakubík Július, Štúrovo, Slovakia
 Janíčková Katarína, Považská Bystrica, Slovakia
 Kadlecová Veronika, Varnsdorf
 Kieselová Katarína, Topoľčany, Slovakia
 Kindernayová Katarína, Žiar nad Hronom, Slovakia
 Kohoutková Dagmar, Prague
 Královcová Milada, Domažlice
 Lelovská Radka, Nové Zámky, Slovakia
 Majtan Michal, Valtice
 Michalovič Peter, Poprad, Slovakia
 Mikšík Zdeněk, Zlín
 Mišagová Michaela, Levoča, Slovakia
 Nogová Petra, Třinec
 Ondrová Lucie, Planá
 Papp Attila, Komárno, Slovakia
 Plášková Lucie, Valašské Meziříčí
 Pospíšilová Iva, Hodonín
 Posypanková Jana, Sobrance, Slovakia
 Pýchová Kateřina, Roudnice nad Labem
 Rosinová Michala, Liberec

Růžička Štěpán, Prague
 Sedláková Lenka, Duchcov
 Šestáková Zuzana, Michalovce, Slovakia
 Šimják Patrik, Nitra, Slovakia
 Štulcová Daniela, Prague
 Švejková Kristýna, Prague
 Vočková Petra, Šternberk
 Zálešáková Kristýna, Přerov

**Graduation ceremony on 27 July 2012 at 12.00 (noon)
 – English parallel class**

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

Nazlan Yana, Kuala Lumpur, Malaysia

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

Abdul Rasid Mohd Khairul Baharin Bin, Kuala Lumpur, Malaysia
 Abdullah Mutia Syamsina Binti, Kelantan, Malaysia
 Abu-Baker Abul-Hasan, Hampstead, London, Great Britain
 Albuquerque Nuno Miguel Patraquim Martins de, Lisbon, Portugal
 Bosaakane Motlamedi, Molepolole, Botswana
 Braga dos Santos Maria Ines, Lisbon, Portugal
 Chaudry Ashan Aslam, Nuneaton, Warwickshire, Great Britain
 Clemente Marisa Ferreira, Nazaré, Portugal
 D`Cruz Yvonne, Dublin, Ireland
 Ding Ezra Kai Sing, Batu Pahat, Johor, Malaysia
 Hiller Caroline, Osnabrück, Germany
 July Mahwa, Serowe, Botswana
 Khairudin Muhammad Arif Bin, Selangor, Malaysia
 Koble Alexandra, Göttingen, Germany
 Kotecha Sita Bhupendra, Blackburn, Lancashire, Great Britain
 Kouns Nathaniel Alfredo, Tallahassee, Florida, USA
 Mat Hasan Noor Hazilla Waty Binti, Kota Bharu, Malaysia
 Meyers Melaura Beth, Geneva, Illinois, USA
 Mirza Junade, Nuneaton, Coventry, Great Britain
 O'Brien Iseult Mary, Dublin, Ireland
 Patel Kishan Bharat, Sheffield, South Yorkshire, Great Britain
 Patel Osman, Keighley, Great Britain
 Poole Emmily Jane, Sandwell, Great Britain
 Quinn V John Michael, Walnut Creek, California, USA
 Rajendran Thilaga, Kuala Lumpur, Malaysia
 Ravi-Shankar Sangeeta, Crawley, Great Britain
 Sahari Ismail Bin, Selangor, Malaysia
 Salim Noor Shazana Binti, Terengganu, Malaysia
 Shankar Varun, Luton, Bedfordshire, Great Britain
 Suparman Nurul Syazana Binti, Johor, Malaysia
 Trevithick Megan Anne, Houston, Texas, USA
 Zacharia Tharun Abraham, Kerala, India

**Graduation ceremony on 27th July 2012 at 1.30 p.m. –
 English parallel class**

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

Bamrah Harpal Singh, London, Great Britain
 Kapagiannidis Ioannis, Thessaloniki, Greece
 Kazerooni Seyed Reza, Tehran, Iran
 Loshu Tumiso Thabo, Moshupa, Botswana
 Lyris Vasileios, Athens, Greece
 Mereyabone Hendrick, Gaborone, Botswana
 Olympios Vasilis, Limassol, Cyprus
 Pierce Oliver Edward, Sheffield, Yorkshire, Great Britain
 Pitros Panagiotis, Paphos, Cyprus
 Sveen Ola Often, Trondheim, Norway
 Trigkas Konstantinos, Athens, Greece
 Tzavaras Meletios, Athens, Greece

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

Al-Yassin Tamara Hanan, Aleppo, Syria
 Irri Renu Anita, Abergavenny, Wales, Great Britain
 Pranay Pritesh, Dhanbad, India
 Shahabuddin Erum, Coventry, Warwickshire, Great Britain
 Thurairatnam Smitha, Kingston-upon-Thames, Great Britain

Graduation ceremony on 30th July 2012 at 10.30 a.m.

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

Květová Eliška, Kladno

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

Bartoňová Lucie, Liberec
 Berková Vlasta, Český Brod
 Burda Lukáš, Nový Jičín
 Cahová Helena, Jihlava
 Cikrai Rastislav, Revúca, Slovakia
 Čechová Veronika, Prague
 Eichlerová Tereza, Mladá Boleslav
 Fojtová Barbora, Prague
 Gulová Alice, Prague
 Holoubková Petra, Kadaň
 Hulková Mária, Bratislava, Slovakia
 Ishchenko Anastasia, Vinnica, Ukraine
 Jílková Markéta, Karlovy Vary
 Jírava Tomáš, Roudnice nad Labem
 Kernerová Monika, Písek
 Kinštová Radka, Louny
 Kolářová Petra, Prague
 Kolocová Monika, Prague
 Kopřivová Petra, Písek
 Kovanda Tomáš, Havlíčkův Brod
 Krechlerová Lucie, Prague
 Kuklová Alena, Tábor
 Mašková Monika, Prague
 Mattová Jana, Vranov nad Topľou, Slovakia
 Měsíčková Kristýna, Uherské Hradiště
 Michalčíková Lenka, Kyjov
 Patík Tomáš, Písek
 Ravlyková Kristýna, Ústí nad Orlicí
 Síbek Miloš, Prague
 Skopalová Marie, Litoměřice
 Šelepová Michaela, Jablonec nad Nisou
 Šiklová Hana, Prague
 Šilarová Hana, Turnov
 Šprochová Anna, Bardejov, Slovakia
 Vašíček Jan, Tábor

Graduation ceremony on 30th July 2012 at 12.00 (noon)

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

Mojžíšová Jana, Čáslav
 Podolská Tereza, Děčín

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

Bajer Lukáš, Warsaw, Poland
 Borešová Petra, Prague
 Borkun Elisabetha, Minsk, Belarus
 Dykastová Barbora, Vysoké Mýto
 Gregorová Veronika, Brno
 Hájková Martina, Ostrava
 Hanyšová Jana, Ústí nad Labem

Hesterini Kateřina, Kadaň
 Hladký Vít, Brandýs nad Labem
 Honová Kristina, Prague
 Janková Veronika, Nové Zámky, Slovakia
 Jecková Ivana, Košice, Slovakia
 Jechová Alžběta, Prague
 Jurigová Eliška, Jihlava
 Kassu Haileloul Assefa, Addis Abeba, Ethiopia
 Kočí Ján, Piešťany, Slovakia
 Kománek Tomáš, Kyjov
 Lafková Miroslava, Brandýs nad Labem
 Leová Ngoc Lan, Hanoi, Vietnam
 Markupová Andrea, Kladno
 Parllaku Alba, Tirana, Albania
 Peterková Hana, České Budějovice
 Peterová Kamila, Prague
 Polák Jiří, Kladno
 Polyak Ekaterina, Moskva, Russian Federation
 Přečková Barbora, Pelhřimov
 Roshko Nataliia, Popilnia, Ukraine
 Řezáčová Monika, Hranice
 Santarová Markéta, Prague
 Skanderová Daniela, Ostrava
 Sobotková Adéla, Hradec Králové
 Stará Michaela, Prague
 Viktorin Jan, Prague
 Vízková Karolína, Hradec Králové

Graduation ceremony on 22nd November 2012 at 9.00 a.m.

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

Hutňanová Klára, Kladno
 Knoteková Sylvia, Kežmarok, Slovakia
 Komorová Lucia, Velký Krtíš, Slovakia
 Lucáková Zuzana, Havířov
 Luňák Jan, Opočno
 Matějka Jindřich, Kolín
 Mgr. Mucková Marta, Prague
 Nový Přemysl, Prague
 Olišarová Tatiana, Nové Město na Moravě
 Oremus Vladimír, Bratislava, Slovakia
 Ostárková Daniela, Ostrava
 Pagáč Michal, Košice, Slovakia
 Patakiová Rita, Prague
 Phan Lan Chi, Hanoi, Vietnam
 Podrapský Petr, Litoměřice
 Ralbovská Alžběta, Český Těšín
 Stehlíková Jana, Znojmo
 Bc. Stránecký Michal, Havlíčkův Brod
 Svobodová Alžběta, Prague
 Šiftová Kateřina, Písek
 Teplá Alexandra, Kladno
 Topalo Robert, Ohrid, Macedonia
 Urbanová Iveta, Nitra, Slovakia
 Volný Lukáš, Prague

Graduation ceremony on 22nd November 2012 at 10.30 a.m.

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

Arabadzi Nikoletta, Soluň, Greece
 Barteková Zuzana, Galanta, Slovakia
 Dřímálová Jana, Hranice
 Fodor Ildikó, Banská Bystrica, Slovakia
 Frajt Marek, Kroměříž
 Frátríková Marika, Hradec Králové

Házyová Michaela, Revúca, Slovakia
 Ing. Hodík Martin, Roudnice nad Labem
 Hřna Štěpán, Vyškov
 Hřebíková Tereza, Benešov
 Kiss Imrich, Košice, Slovakia
 Kopecká Viktorie, Berdičev, Ukraine
 Koudelková Petra, Pelhřimov
 Kousalíková Petra, Třebíč
 Náhlíková Barbora, Prostějov
 Ninčáková Katarína, Humenné, Slovakia
 Obecajčíková Mária, Trnava, Slovakia
 Pondělíček Radko, Prague
 Provazník Zdeněk, Prague
 Psotný Damián, Bardejov, Slovakia
 Pušová Veronika, Karviná
 Rosmusová Jana, Prague
 Skirčák Martin, Komárno, Slovakia
 Staňková Petra, Strakonice
 Šurabová Andrea, Ilava, Slovakia
 Valíčková Marcela, Žilina, Slovakia
 Várady Juraj, Michalovce, Slovakia
 Velkoborský Jakub, Benešov
 Wojtovičová Ľubica, Prešov, Slovakia

Graduation ceremony on 22nd November 2012 at 12.00 (noon)

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

Alt Jan, Nové Město na Moravě
 Ambruš Martin, Prague
 Bělúnková Zuzana, Hodonín
 Beneš Michal, Prague
 Bruthansová Daniela, Prague
 Daoud Ihab Nazmi Yousef, Riyad, Jordan
 Hanousek Radim, Karlovy Vary
 Herdová Barbora, Děčín
 Hromádková Veronika, Prague
 Chrobok Jiří, Olomouc
 Klembarová Marianna, Prešov, Slovakia
 Kollár Marek, Levoča, Slovakia
 Kuchař Oliver, Rýmařov
 Kutáč Dominik, Čeladná
 Majerník Matúš, Bardejov, Slovakia
 Matušová Petra, Hořice
 Petrík Martin, Prešov, Slovakia
 Příbylová Marie, Česká Lípa
 Qdah Magdi, Haifa, Israel
 Štefan Jan, Prague
 Ulrichová Dana, Klatovy
 Vaszily Rita, Košice, Slovakia
 Zalabai Éva, Nové Zámky, Slovakia

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

Afre Dominguez Erika Ileana, Quetzaltenango, Guatemala
 Durganauddu Priyatharisini, Kedah, Malaysia
 Goh Janice Tze Mei, Penang, Malaysia
 Ismail Nur Adilah Binti, Pulau Pinang, Malaysia
 Kamarudin Nur Asyiqin Binti, Pulau Pinang, Malaysia
 Kemelo Kgalalele Mighty, Gaborone, Botswana
 Lai Yew Mai, Melaka, Malaysia
 Mat Noor Siti Nur Mahirah Binti, Johor Bahru, Malaysia
 Nascimento Cristiana Barros Monteiro do, Caldas da Rainha, Portugal
 Rametse Ephraim Keoagile Kaone Makgotla, Gaborone, Botswana
 Thacker Paras, London, Great Britain

Graduation ceremony on 12th April 2012 at 9.00 a.m.

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

Mgr. Dušková Jitka, Havlíčkův Brod
Dvořáková Miroslava, Český Krumlov
Majerová Jiřina, Strakonice
Šibalová Bohuslava, Bílovec
Živný Václav, Litoměřice

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

Babincová Hana, Žatec

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

Bc. Krauseová Michaela, Kladno
Nássir Eddin Kamil, Český Brod
Vogelová Martina, Mělník

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

Stellarová Apolena, Opava

In the Bachelor degree programme of Nursing, branch General nursing, the following completed their studies with honours:

Chvojková Kateřina, Prague

In the Bachelor degree programme of Nursing, branch General nursing, the following completed their studies:

Baláčková Veronika, Prague
Belaníková Lenka, Olomouc
Benešová Pavla, Litoměřice
Fabianová Monika, Bardejov, Slovakia
Fialová Monika, Nymburk
Hájková Lenka, Mladá Boleslav
Hodásová Zuzana, Teplice
Horová Kateřina, Litoměřice
Hrubá Jana, Rakovník
Jarešová Petra, Frydlant
Kloubcová Lenka, Nymburk
Machová Anna, Písek
Márföldiová Renáta, Nové Zámky, Slovakia
Matysová Marcela, Prague
Ondráčková Lucie, Prague
Polišenská Michaela, Prague
Pšotová Lucie, Havlíčkův Brod
Rákosová Andrea, Prague
Slouková Michaela, Přílepy
Špačková Barbora, Prague
Štraubová Kateřina, Kladno
Vrbenská Soňa, Prague
Vrtišková Mariana, Čadca, Slovakia

Graduation ceremony on 19th July 2012 at 9. 00 a.m.

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

Braunová Zuzana, Nové Město na Moravě
Holcová Ludmila, Dačice
Hralová Michaela, Česká Lípa
Janoušková Eva, Mladá Boleslav
Kabrhelová Adéla, Roudnice nad Labem
Kalinová Dagmar, Prague
Kubartová Monika, Prague
Paterová Zuzana, Prague
Pavlová Veronika, Strakonice
Prokešová Petra, Jeseník

Ing. Veselá Kristýna, Ph.D., Prague
Zemčáková Simona, Poprad, Slovakia
Žáková Kateřina, Slaný

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

Havelková Kristýna, Prague
Herčík Jan, Kolín
Mrňák David, Prague
Nikitinský David, Hranice
Randa Jiří, Pelhřimov
Tomeček David, Prague
Vaňkát Michal, Prague
Vávra Michal, Prague

Graduation ceremony on 19th July 2012 at 10.30 a.m.

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

Postránecká Zuzana, Prague
Duroňová Šárka, Kyjov
Dvořáková Jana, Hořovice

In the Bachelor degree programme of Nursing, branch General nursing, the following completed their studies:

Brejchová Eliška, Benešov
Chocholová Lucie, Prague
Ebertová Barbora, Mladá Boleslav
Havlíková Petra, Česká Lípa
Ikramova Sitora, Samarkand, Uzbekistan
Míčková Eliška, Prague
Mýtinová Valeria, Bardejov, Slovakia
Nováková Ilona, Mělník
Strnisková Aneta, Rakovník
Šestáková Anežka, Náchod
Šotolová Lucie, Prague
Švarcová Radka, Brandýs nad Labem
Švecová Šárka, Mělník

Graduation ceremony on 15th November 2012 at 9.00 a.m.

In the Bachelor degree programme of Nursing, branch General nursing, the following completed their studies with honours:

Rubášová Eva, Sušice

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

Bažant Matěj, Prague
Bošková Milena, Michalovce, Slovakia
Chudá Romana, Jilemnice
Fomenková Anna, Prague
Haňková Lucie, Prague
Hetzerová Lucie, Sokolov
Jandová Daniela, Jihlava
Jeřábková Zuzana, Karviná
Kačírková Romana Eleanor, Mělník
Kovářová Petra, Znojmo
Kramářová Simona, Prague
Kubátová Michaela, Benešov
Kukaňová Renáta, Plzeň
Malá Pavla, Jičín
Masaryková Adéla, Brandýs nad Labem
Matoušková Zdeňka, Kaplice
Pazderková Kristýna, Prague
Procházková Zuzana, Prague
Remová Ivona, Zlín
Romaněnková Eliška, Uničov
Solfronková Radka, Stod

Střelcová Pavlína, Písek
 Šubrtová Eliška, Česká Lípa
 Venzara Pavel, Nymburk
 Votava Tomáš, Cheb
 Vycpálková Veronika, Prague

In the Bachelor degree programme of Specialization in health care, branch Nutritional therapy, the following completed their studies:
 Schimperková Barbora, Prague
 Vodičková Věra, Prague

In the Bachelor degree programme of Nursing, branch General nursing, the following completed their studies:
 Demčáková Silvia, Humenné, Slovakia

Graduation ceremony on 15th November 2012 at 10.30 a.m.

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

Bátková Ivana, Chomutov
 Hájková Pavlína, Nymburk
 Krulová Anna, Poprad, Slovakia
 Mašindová Jana, Frýdlant
 Procházková Lenka, Louny
 Příhodová Petra, Hořovice
 Rybová Barbora, Český Krumlov
 Sádlová Tereza, Uherské Hradiště

Spurná Lucie, Prague
 Šeráková Lenka, Benešov
 Šulcová Alice, Brandýs nad Labem
 Zaňková Veronika, Chrudim
 Závodní Kateřina, Vysoké Mýto

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

Altová Eva, Nové Město na Moravě
 Beránková Michaela, Prague
 Bitman Martin, Prague
 Doležalová Eva, Jindřichův Hradec
 Francová Anna, Kolín
 Hanušová Renata, Prague
 Hollá Zuzana, Vranov nad Topľou, Slovakia
 Hovorková Jana, Havlíčkův Brod
 Hrtús Martin, Čadca, Slovakia
 Kolářová Edita, Prague
 Kříž Petr, Pelhřimov
 Matějčíková Helena, Přerov
 Pinkavová Monika, Prague
 Rotová Kristýna, Liberec
 Stejskalová Hana, Šumperk
 Ševečková Tereza, Hodonín
 Zajíčková Jana, Česká Lípa



The celebration of the 130th anniversary of the 1st Surgical Department was also attended by its emeritus Head, Prof. Vladimír Baláš. (Left Prof. Zdeněk Krška, middle Prof. Vladimír Baláš)

EVALUATION OF TUITION BY STUDENTS

Evaluation of tuition by the students was 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 the same time the previous year's results were analyzed. Since the academic year 2007–2008 the evaluation has been performed through the form of electronic data collection and processing within the student information system (SIS). In the academic year 2011–2012 the data collection was commenced in October 2011 and finished in October 2012. 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. One major change was giving the chance to evaluate the Department of Students' Affairs and the Faculty library with its resource room. 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 questions 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 solu-

tion of problems on the teachers' part, considering the students' majority opinion rather than just an individual's view.

General evaluation of the 2010–2011 survey

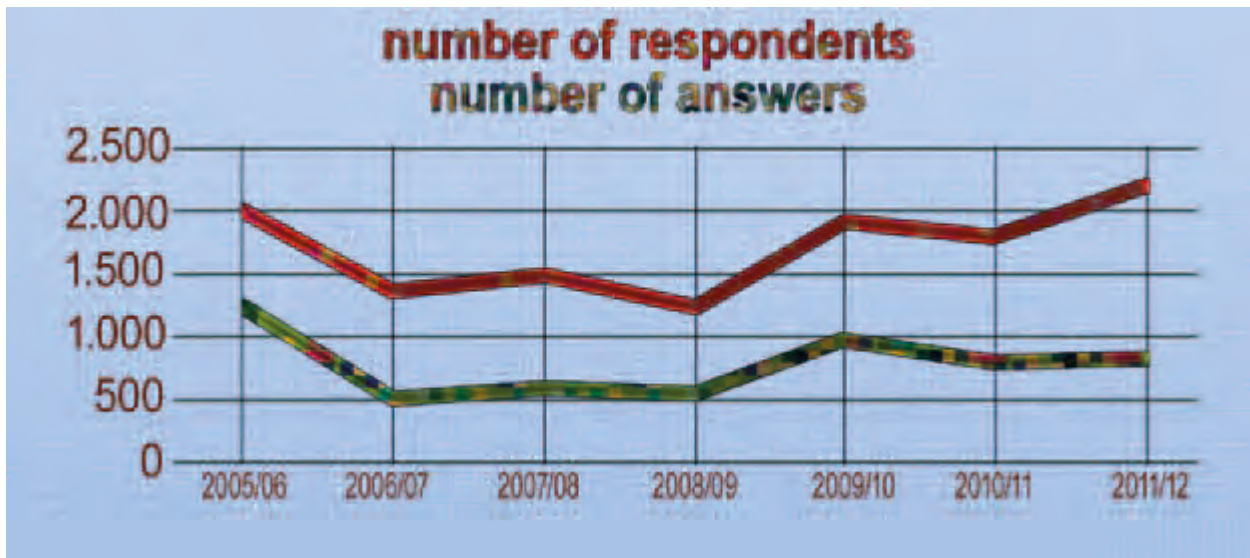
The number of students taking part in the evaluation has stabilized in the past few years, while the number of verbal comments arose up to 2,100 and total rating of the Faculty and most of its particular units increased again, like in the last year. Both these facts are pleasing; they mean that the students' interest in the evaluation as well as their confidence in its importance do not decrease.

Also the verbal comments show some positive trend; typical examples are the Surgical Department of the First Faculty of Medicine and Bulovka Hospital (complaints of teachers' attitude to students), the Institute of Pathology (complaints of the lack of quality study texts) 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 cloakrooms and poor access to them. 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 subjects 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.

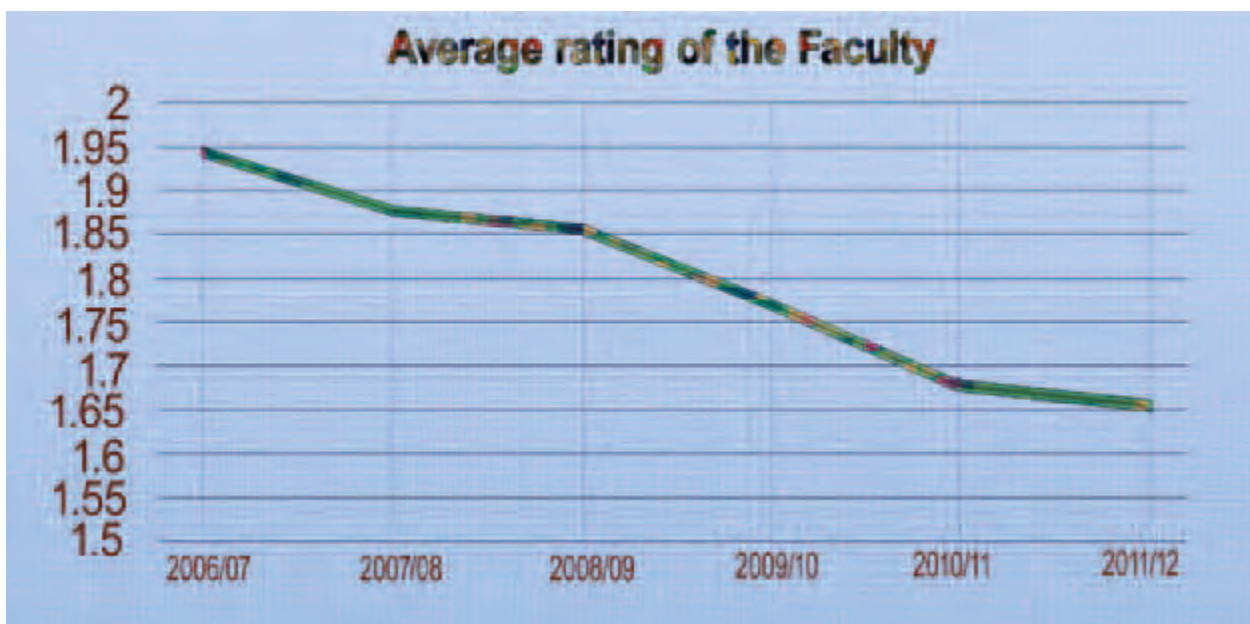
The **response from the units** and particular staff members was both in writing and on the phone, as every year the Heads of the units are informed in writing about the evaluation and encouraged to respond and resolve the complaints. Their statements contain possible explanations of the negative outcome 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. This year, however, the Dean is going to see representatives of those units that received poor evaluation in order to check on some students' comments that have not been explained adequately in the units' responses.

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

Development in the total number of students participation in evaluation



Development in the Faculty's rating in the last seven years



POSTGRADUATE DOCTORAL STUDIES IN BIOMEDICINE

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 23rd April 1997 and agreement of consortium between Charles University and the Academy of Sciences of the Czech Republic of 26th June 1997.

DOCTORAL STUDY PROGRAMMES AND THE CHAIRPERSONS OF THE RESPECTIVE FIELD BOARDS IN 2012

- Molecular and Cellular Biology, Genetics and Virology
Prof. RNDr. Stanislav Zadrazil, 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 Černý, 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
Doc. RNDr. Ivo Konopásek, CSc., Faculty of Natural Science, Prague
- 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
- Specialization in health care – Addictology
Prof. PhDr. Michal Miovský, Ph.D., First Faculty of Medicine, Prague
- Biomechanics
Doc. PaDr. Karel Jelen, 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. PhD. programmes are directed by the Co-ordinating Council. Members of the Co-ordinating Council of PhD. programmes are appointed and deposed jointly by the Rector and the President of the Academy of Sciences of the Czech Republic to the proposals by deans of particular faculties of Charles University and managers of other institutions involved. The other members of the Co-ordinating Council are the chairs of the Field Boards. The chairperson and vice-chairs are elected by the Council 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 PhD. programmes. The scope of competencies of the field board ensues from the valid version of the Act on Schools of Higher Education.

In December 2011, a very detailed in-depth evaluation of the doctoral study programmes was performed at the First Faculty of Medicine, 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 implemented 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 field 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.

The following part includes the survey of programmes of postgraduate doctoral studies; the list of chairpersons of particular Field Boards at the First Faculty of Medicine in 2012; the survey of accredited doctoral study programmes taught in Czech and English, including the time of validity of accreditation. The Annual Report also includes the survey of numbers of students at the Faculty units by 30th November 2012; the survey of doctoral exams and doctoral theses defended in 2012; the survey of alumni of doctoral studies at particular Faculty units by 31st December 2012; the survey of students admitted and theses defended in doctoral studies at the First Faculty of Medicine in the past 5 years (2008–2012); and a chart to visualize the conditions for admission to doctoral study 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	31 Dec 2020
History of Medicine	31 Mar 2016
Experimental Surgery	31 Dec 2020

Pharmacology and Toxicology	31 Dec 2020
Human Physiology and Pathophysiology	31 Dec 2020
Gerontology	31 Dec 2020
Immunology	31 Dec 2020
Medical Biophysics	01 Mar 2017
Bioethics	31 Dec 2016
Microbiology	30 Apr 2016
Molecular and Cellular Biology, Genetics and Virology	31 Dec 2020
Neurosciences	31 Dec 2020
Parasitology	30 Apr 2016
Preventive Medicine	31 Dec 2020
Psychology	31 Dec 2020
Developmental and Cellular Biology	01 Mar 2017
Imaging Techniques in Medicine	01 Aug 2015
Specialization in health care – Addictology	31 July 2016
Biomechanics	31 Dec 2013

DOCTORAL STUDY PROGRAMMES ACCREDITED IN ENGLISH AND VALIDITY OF THE ACCREDITATION

Biochemistry and Pathobiochemistry	01 Mar 2017
Biomedical Informatics	31 Dec 2020
Cell Biology and Pathology	30 Apr 2016
Developmental and Cell Biology	01 Mar 2017
History of Medicine	31 Mar 2016
Experimental Surgery	31 Dec 2020
Gerontology	31 Dec 2020
Human Physiology and Pathophysiology	01 Mar 2017
Immunology	31 Dec 2020
Medical Biophysics	01 Mar 2017
Microbiology	30 Apr 2016
Molecular and Cellular Biology, Genetics and Virology	30 Apr 2017
Neurosciences	31 Dec 2020
Parasitology	30 Apr 2016
Pharmacology and Toxicology	01 Mar 2017
Preventive Medicine	31 Dec 2020
Psychology	31 Dec 2020
Imaging Methods in Medicine	31 Dec 2016
Bioethics	31 Dec 2016
Specialization in health care – Addictology	31 July 2016
Biomechanics	31 Dec 2013

*Prof. RNDr. Libuše Kolářová, CSc.
Vice-Dean for Grant Projects and Development
of the Faculty and Postgraduate Doctoral Studies*

Survey of the number of students in the doctoral study programmes at particular Faculty institutions (figures by 30th November 2012)

Name of the institution	Full-time	Combined	Total
Institute of Anatomy	5	3	8
Institute of Biochemistry & Experimental Oncology	6	4	10
Institute of Physiology	6	13	19
Institute of Biology and Medical Genetics	3	5	8
Institute of Biophysics and Informatics	6	4	10
Institute of Pathological Physiology	13	26	39
Institute of Pharmacology	7	6	13
Institute of Hygiene and Epidemiology	2	13	15
Institute for History of Medicine and Foreign Languages	2	13	15
Institute for Humanitarian Studies in Medicine	4	8	12
Institute of Pathology	0	1	1
Institute of Nuclear Medicine	1	3	4
Institute of Immunology and Microbiology	9	7	16
Institute of Forensic Medicine and Toxicology	2	2	4
Institute of Sports Medicine	0	2	2
Institute of Sexology	2	15	17
Institute of Inherited Metabolic Disorders	10	10	20
Institute of Histology and Embryology	1	0	1
Institute of Cell Biology	5	2	7
Institute of Medical Biochemistry & Laboratory Medicine	9	31	40
Department of Radiodiagnostics at Bulovka TH	0	3	3
Department of Orthopaedics at Bulovka TH	0	4	4
Surgical Department at Bulovka TH	0	5	5
Department of Plastic Surgery	0	3	3
Department of Gynaecology and Obstetrics at Bulovka TH	3	3	6
1 st Medical Department	1	7	8
Department of Nephrology	4	12	16
2 nd Medical Department	6	26	32
3 rd Medical Department	18	14	32
4 th Medical Department	2	11	13
Department of Occupational Medicine	0	3	3
Department of Pneumology at Thomayer Hospital	2	0	2
Department of Dermatology and Venereology	0	1	1
Department of Geriatrics	1	2	3
Department of Neurology	17	25	42
Department of Psychiatry	29	44	73
Department of Radiodiagnostics	0	2	2
Department of Oncology	4	7	11
Department of Rehabilitation Medicine	0	7	7
Department of Rheumatology	4	6	10
Department of Paediatrics & Adolescent Medicine	12	14	26
1 st Surgical Department	0	5	5
3 rd Surgical Department	1	7	8
2 nd Surgical Department	0	10	10
Department of Anaesthesiology and Resuscitation	0	16	16
Department of Orthopaedics	5	5	10
Department of Urology	0	6	6
Department of ENT	4	5	9
Department of Phoniatics	1	2	3
Department of Ophthalmology	2	6	8

Institute of Clinical and Experimental Stomatology	4	6	10
Department of Oral, Mandibular and Facial Surgery	7	10	17
Department of Gynaecology and Obstetrics	6	19	25
Dept. of Infectious & Tropical Diseases at Bulovka TH	1	6	7
Department of Neurosurgery at Central Military Hospital	3	3	6
Institute of Clinical and Experimental Haematology	2	11	13
Institute of General Medicine	0	2	2
Department of Ophthalmology at Central Military Hospital	0	2	2
Department of Addictology	3	1	4
Institute of Radiation Oncology	0	2	2
Surgical Department at Thomayer Hospital	0	1	1
Medical Department at Central Military Hospital	0	4	4
Organizational units of First Faculty of Medicine – total	235	496	731

Doctoral State Examinations passed in 2012

Surname and first name	Degree	Field	Date of examination
Argalácsová Soňa	MUDr.	Human Physiology and Pathophysiology	05 Dec 2012
Bakhouche Hana	PharmDr. Mgr.	Medical Biophysics	06 June 2012
Bartůšková Ludmila	MUDr. Mgr.	Molecular and Cellular Biology, Genetics and Virology	22 May 2012
Bezdiček Ondřej	Mgr.	Biochemistry and Pathobiochemistry	02 Jan 2012
Břešťák Miroslav	MUDr.	Experimental Surgery	04 Apr 2012
Čuřík Nikola	Mgr.	Preventive Medicine	16 Feb 2012
Drábek Tomáš	MUDr.	Biomedical Informatics	04 June 2012
Dubský Michal	MUDr.	Experimental Surgery	12 Jan 2012
Farár Vladimír	PharmDr.	Human Physiology and Pathophysiology	12 Apr 2012
Fík Zdeněk	MUDr.	Human Physiology and Pathophysiology	07 Nov 2012
Forgáčová Katarína	Mgr.	Biochemistry and Pathobiochemistry	15 Mar 2012
Hanzelka Tomáš	MUDr.	Biochemistry and Pathobiochemistry	18 Sep 2012
Hartmannová Hana	Mgr.	Biochemistry and Pathobiochemistry	04 Dec 2012
Holubová Martina	Mgr.	Human Physiology and Pathophysiology	12 Sep 2012
Hoskovec David	MUDr.	Molecular and Cellular Biology, Genetics and Virology	03 Oct 2012
Hronová Karolína	MUDr.	Human Physiology and Pathophysiology	10 Dec 2012
Hynek Martin	MUDr.	Biomedical Informatics	05 June 2012
Kašparová Dita	MUDr.	Preventive Medicine	12 Dec 2012
Kosák Mikuláš	MUDr.	Pharmacology and toxicology	14 Apr 2012
Kotulák Tomáš	MUDr.	Molecular and Cellular Biology, Genetics and Virology	20 Sep 2012
Kovářová Nikola	Mgr. Bc.	Medical Biophysics	12 Apr 2012
Král Aleš	MUDr.	Psychology	24 Jan 2012
Kratochvílová Hana	Mgr.	Biochemistry and Pathobiochemistry	10 Oct 2012
Król Petra	MUDr.	Neurosciences	15 Mar 2012
Krupková Michaela	Mgr.	Molecular and Cellular Biology, Genetics and Virology	04 Dec 2012
Kryštůfková Eva	MUDr.	Human Physiology and Pathophysiology	17 May 2012
Kulhánek Tomáš	Mgr.	Preventive Medicine	05 June 2012
Kytnarová Jitka	MUDr.	Human Physiology and Pathophysiology	23 May 2012
Lekic Nataša	PharmDr.	Biochemistry and Pathobiochemistry	06 June 2012
Lorková Lucie	Ing.	Cell Biology and Pathology	05 Sep 2012
Pavlíková Gabriela	MUDr.	Experimental Surgery	18 Sep 2012
Pěč Ondřej	MUDr.	Biochemistry and Pathobiochemistry	17 July 2012
Petr Tomáš	Mgr.	Experimental Surgery	11 Apr 2012
Petrásek Tomáš	Mgr.	Pharmacology and toxicology	02 Jan 2012
Prakash Shankaran		Human Physiology and Pathophysiology	05 Sep 2012

Pytlík Robert	MUDr.	Developmental and Cell Biology	25 June 2012
Quinn V John Michael	MUDr.	Biochemistry and Pathobiochemistry	10 Dec 2012
Ráčz Beáta	MUDr.	Biochemistry and Pathobiochemistry	16 Feb 2012
Rajčanová Michaela	Mgr.	Human Physiology and Pathophysiology	10 Oct 2012
Raška Otakar	MUDr.	Human Physiology and Pathophysiology	31 May 2012
Ryska Ondřej	MUDr.	Biochemistry and Pathobiochemistry	30 May 2012
Sameh Hussein Farrag Mohamed	MUDr.	Molecular and Cellular Biology, Genetics and Virology	24 Jan 2012
Skalský Ivo	MUDr.	Experimental Surgery	04 Apr 2012
Světlík Svatopluk	Ing.	Human Physiology and Pathophysiology	24 Oct 2012
Šafránková Hana	MUDr.	Biochemistry and Pathobiochemistry	27 Sep 2012
Šaňková Barbora	Mgr.	Biochemistry and Pathobiochemistry	04 Oct 2012
Šillerová Tereza	Mgr.	Human Physiology and Pathophysiology	24 Oct 2012
Škrha Jan	MUDr.	Molecular and Cellular Biology, Genetics and Virology	05 Dec 2012
Tomčík Michal	MUDr.	Biomedical Informatics	17 May 2012
Toušková Věra	MUDr.	Biomedical Informatics	28 June 2012
Trylčová Jana	RNDr.	Psychology	12 Apr 2012
Ušiaková Zuzana	MUDr.	Human Physiology and Pathophysiology	17 Oct 2012
Valach Jaroslav	MUDr.	Medical Biophysics	23 May 2012
Vargová Karina	Mgr.	Molecular and Cellular Biology, Genetics and Virology	14 June 2012
Vondráčková Alžběta	Mgr.	Biochemistry and Pathobiochemistry	10 Oct 2012
Vošahlíková Miroslava	Ing.	Experimental Surgery	12 Sep 2012
Wohlfahrt Petr	MUDr.	Preventive Medicine	12 Apr 2012
Zidkova Anastassiya	Mgr. Bc.	Biomedical Informatics	05 Sep 2012
Zvára Karel	Ing.	Experimental Surgery	31 July 2012
Zvolský Miroslav	MUDr.	Human Physiology and Pathophysiology	31 July 2012
Žmolíková Jana	Mgr.	Human Physiology and Pathophysiology	22 May 2012



Biological Material Bank at the Institute of Pathology of the First Faculty of Medicine

Dissertation theses defended in the doctoral study programmes in 2012

Surname and first name	Degree	PhD. study programme	Date of defence	Title of the thesis
Balážiová Eva	MUDr.	Biochemistry and Pathobiochemistry	05 Dec 2012	Definition of expression pattern of "DASH system" in transformed glial cells, co-expression of protein of activated fibroblasts and dipeptidylpeptidase-IV.
Burianová Lucie	MUDr.	Human Physiology and Pathophysiology	14 June 2012	Study of clinical influence of various forms of cardiac resynchronization therapy in patients with chronic cardiac failure
Buzková Helena	PharmDr.	Pharmacology and toxicology	24 Oct 2012	Incidence of selected genetic polymorphisms of cytochrome P450 in Czech population and influence of genotype CYP2C9 on hypolipidaemic action of fluvastatin
Černý Dalibor	PharmDr.	Pharmacology and toxicology	24 Oct 2012	Study of intracellular signal molecules of carbon monoxide and nitrogen monoxide in hepatocytes in connection with hepatotoxic and hepatoprotective effects of selected substances
Čuřík Nikola	Mgr.	Human Physiology and Pathophysiology	28 June 2012	Transcription factor PU.1 as the goal of differentiation therapy of myelodysplastic syndrome with 5-azacytidine
Dudová Iva	MUDr.	Psychology	22 May 2012	Connection of olfactory functions and psychopathology in patients with an autistic spectre disorder
Đuricová Dana	MUDr.	Human Physiology and Pathophysiology	14 June 2012	Clinical and genetic predictors of dependence on therapeutic drugs in idiopathic intestinal inflammations
Đurovcová Viktória	MUDr.	Human Physiology and Pathophysiology	15 Nov 2012	Physiological and pathophysiological aspects of some selected endocrine disorders: Connection with metabolism of adipose tissue and insulin resistance
Flemr Matyáš	Ing.	Developmental and Cell Biology	03 May 2012	Messenger RNA stability and microRNA activity in mouse oocytes
Florianová Martina	Mgr.	Molecular and Cellular Biology, Genetics and Virology	05 Sep 2012	Molecular genetic analysis of causes of selected heritable forms of colorectal polyposis
Glier Hana	Mgr.	Molecular and Cellular Biology, Genetics and Virology	17 Oct 2012	Expression and function of cellular prion protein in blood cells
Hippmann Radek	MUDr.	Biomedical Informatics	24 Jan 2012	Voice-operated electronic dental cross
Hnízda Aleš	Ing.	Biochemistry and Pathobiochemistry	13 June 2012	Molecular mechanisms in homocystinuria: spatial arrangement of human cystathionine β -synthase
Hollá Kateřina	Mgr.	Psychology	17 July 2012	Sexual dysfunctions in Czech women
Horová Eva	MUDr.	Human Physiology and Pathophysiology	06 Dec 2012	Microvascular reactivity and function of endothelium on diabetes mellitus and other endocrine disorders
Hrbáč Tomáš	MUDr.	Neurosciences	03 Sep 2012	Carotic stump syndrome
Hrdý Jiří	RNDr.	Immunology	20 Sep 2012	Immunologic Characteristics of Cord Blood in Children with Increased Risk of Allergy Development Preventive Use of Probiotics
Hroudová Jana	Mgr.	Neurosciences	24 Sep 2012	Effects of antidepressants and depressive disorders on mitochondrial functions
Jansa Pavel	MUDr.	Human Physiology and Pathophysiology	15 Mar 2012	Some aspects of pathophysiology of pulmonary arterial hypertension and its incidence in the Czech Republic
Jiráková Klára	Mgr.	Parasitology	07 June 2012	Cell cycle and differentiation in <i>Giardia Intestinalis</i>
Kalvínková Eva	MUDr.	Bioethics	26 June 2012	Existential analytic concept of sense of life and its importance for care of terminally ill and dying patients in health care facilities
Kalvoda Jan	MUDr.	Experimental Surgery	12 Sep 2012	Vitreoretinal boundary in relation to surgical treatment of macular conditions
Kotková Petra	PhDr.	Psychology	22 May 2012	Sexual functions of women with Parkinson's disease
Kovárník Tomáš	MUDr.	Human Physiology and Pathophysiology	12 Jan 2012	Regression of coronary atherosclerosis in hypolipidaemic therapy
Kramář Filip	MUDr.	Molecular and Cellular Biology, Genetics and Virology	05 Sep 2012	Instability of the genome in brain tumour cells: Correlation of clinical, morphological and molecular-cytogenetic data
Kříž Pavel	MUDr.	Biomedical Informatics	24 Jan 2012	System to facilitate decision-making in dental implantology – quality of life in patients with implants
Machovcová Alena	MUDr.	Preventive Medicine	20 Sep 2012	Prevalence of contact hypersensitivity in children in the Czech Republic
Mohelníková Duchoňová Beatrice	MUDr.	Preventive Medicine	23 May 2012	Monitoring of genetic factors influencing the risk of occurrence and development of colorectal and pancreatic carcinomas

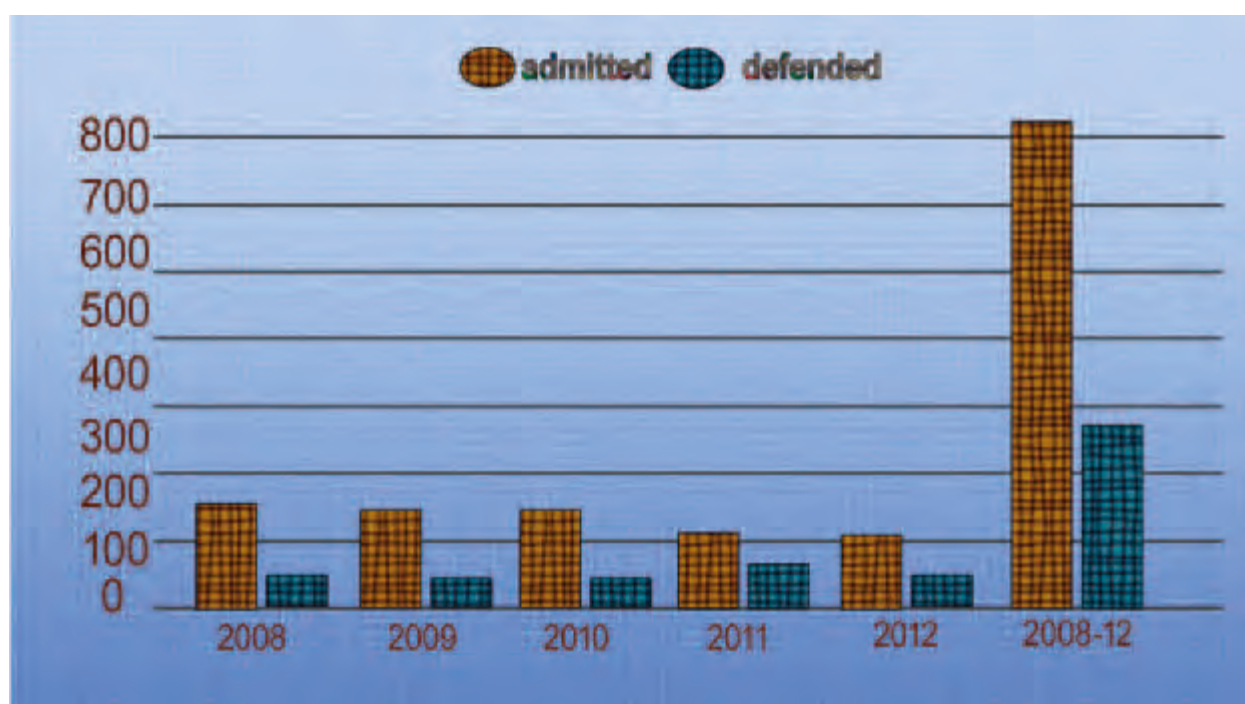
Muravská Alexandra	RNDr.	<i>Biochemistry and Pathobiochemistry</i>	11 Apr 2012	<i>Proteins in pregnancy: Molecular biological and biochemical analysis</i>
Nawková Lucie	MUDr.	<i>Psychology</i>	19 June 2012	<i>The picture of mental illness in the print media in three Central European countries</i>
Nieblerová Jiřina	MUDr.	<i>Experimental Surgery</i>	12 Sep 2012	<i>Evaluation of stability of osteosynthesis following sagittal osteotomy of a ramus of the mandible</i>
Oganessian Edgar	MUDr.	<i>Preventive Medicine</i>	20 Sep 2012	<i>Alimentary intake of fluoride in preschool children as part of prevention of dental caries</i>
Ondrušová Jiřina	MUDr.	<i>Gerontology</i>	22 Mar 2012	<i>Feeling of purpose in elderly age</i>
Pavličková Jana	MUDr.	<i>Neurosciences</i>	17 Sep 2012	<i>Genetic and clinical aspects of the restless legs syndrome</i>
Prusíková Martina	MUDr.	<i>Preventive Medicine</i>	04 July 2012	<i>Familial hyperlipoproteinaemia and other risk factors in cardiovascular conditions in men with erectile dysfunction</i>
Raška Otakar	MUDr.	<i>Cell Biology and Pathology</i>	27 Sep 2012	<i>Orphan Nuclear Receptor TLX (NR2E1) in Regulation of Cell Reproduction and Differentiation</i>
Rašková Mária	MUDr.	<i>Human Physiology and Pathophysiology</i>	18 Oct 2012	<i>Circadian rhythm of parathormone and bone re-modelling: implications for treatment of osteoporosis with teriparatide (parathormone [1-34])</i>
Říha Hynek	MUDr.	<i>Human Physiology and Pathophysiology</i>	27 Sep 2012	<i>Influence of inhalation and intravenous anaesthetics on resistance of cardiac muscle to lack of oxygen</i>
Segetová Markéta	MUDr.	<i>Human Physiology and Pathophysiology</i>	16 Feb 2012	<i>Therapeutic strategy for ventricular tachycardia following myocardial infarction and in other structural cardiac conditions: Arrhythmic storm.</i>
Serranová Tereza	MUDr.	<i>Neurosciences</i>	17 Sep 2012	<i>The effects of deep brain stimulation of the subthalamic nucleus on emotional and motivational processing in Parkinson's disease patients</i>
Szabo Pavol	Mgr.	<i>Cell Biology and Pathology</i>	31 May 2012	<i>Glycobiology of head and neck tumours</i>
Šanda Pavel	Mgr.	<i>Biomedical Informatics</i>	18 Oct 2012	<i>Information processes in neurons</i>
Ševčík Jan	Mgr.	<i>Biochemistry and Pathobiochemistry</i>	24 Oct 2012	<i>The functional in vitro analysis of the BRCA1 alternative splicing variants</i>
Šmigová Jana	Mgr.	<i>Cell Biology and Pathology</i>	20 Sep 2012	<i>The relationship between higher order chromatin structure and gene silencing</i>
Šnejdrová Michaela	MUDr.	<i>Gerontology</i>	10 Oct 2012	<i>Relation of apolipoprotein E polymorphism to functional fitness of the elderly</i>
Štuka Čestmír	RNDr.	<i>Biomedical Informatics</i>	31 July 2012	<i>Success in study from the aspect of modern methods of data analysis</i>
Švarcová Jana	Mgr.	<i>Biochemistry and Pathobiochemistry</i>	18 Sep 2012	<i>Anti-cytoskeletal antibodies in patients with multiple sclerosis and other neurologic conditions</i>
Uher Tomáš	MUDr.	<i>Psychology</i>	22 May 2012	<i>Psychoneuroimmunology of alexithymia</i>
Varga Martin	MUDr.	<i>Experimental Surgery</i>	10 Oct 2012	<i>Allogeneic graft in reconstruction vascular surgery: Use of immunosuppression in experiment.</i>
Vítková Magda	MUDr.	<i>Human Physiology and Pathophysiology</i>	06 Dec 2012	<i>Thrombophilia in pregnancy</i>
Vojtěch Zdeněk	MUDr.	<i>Neurosciences</i>	05 Nov 2012	<i>Alternative ways of surgical treatment for mesiotemporal epilepsy</i>
Vojtová Lucie	Ing.	<i>Biochemistry and Pathobiochemistry</i>	14 Feb 2012	<i>Study of changes in patients with nephritic syndrome and Anderson-Fabry disease</i>
Zacharovová Klára	Mgr.	<i>Cell Biology and Pathology</i>	27 Sep 2012	<i>Diagnostic contribution to intervention models of type 1 diabetes mellitus treatment</i>
Žáčková Tamara	MUDr.	<i>Human Physiology and Pathophysiology</i>	28 June 2012	<i>Use and importance of 3D ultrasound scanning in assisted reproduction</i>

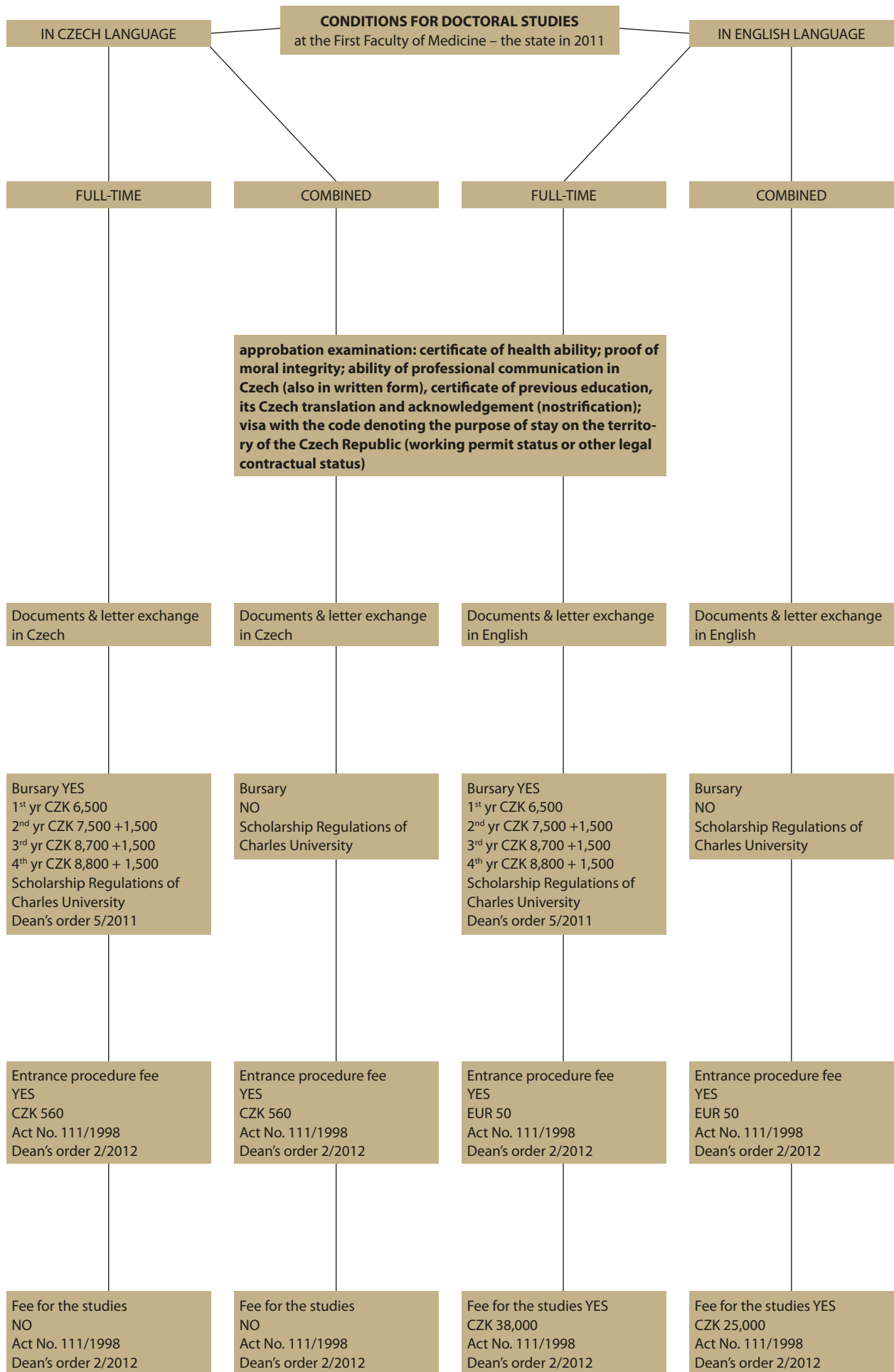
Survey of the number of students completing doctoral programmes at particular units of the First Faculty of medicine by 31st December 2012

The training Faculty institution	Number of alumni
1 st Medical Department	1
Department of Infectious and Tropical Diseases at Bulovka Teaching Hospital	1
3 rd Medical Department	6
2 nd Medical Department	2
Department of Neurology	3
Department of Psychiatry	3
Institute of Pathological Physiology	1
Department of Occupational Medicine	1
Institute of Pharmacology	2
Institute of Pathology	1
Institute of Anatomy	1
Institute of Biology and Medical Genetics	1
Institute of Cell Biology and Pathology	1
Institute of Clinical and Experimental Stomatology	1
Department of Oral, Mandibular and Facial Surgery	1
Institute of Biochemistry and Experimental Oncology	2
Institute for Humanitarian Studies in Medicine	1
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	41

Number of students admitted and dissertation theses defended in the doctoral study programme at the First Faculty of medicine in the past five years (2008–2012)

Year	2008	2009	2010	2011	2012	2008–2012
Admitted	174	172	172	141	134	793
Defended	56	64	57	76	54	307





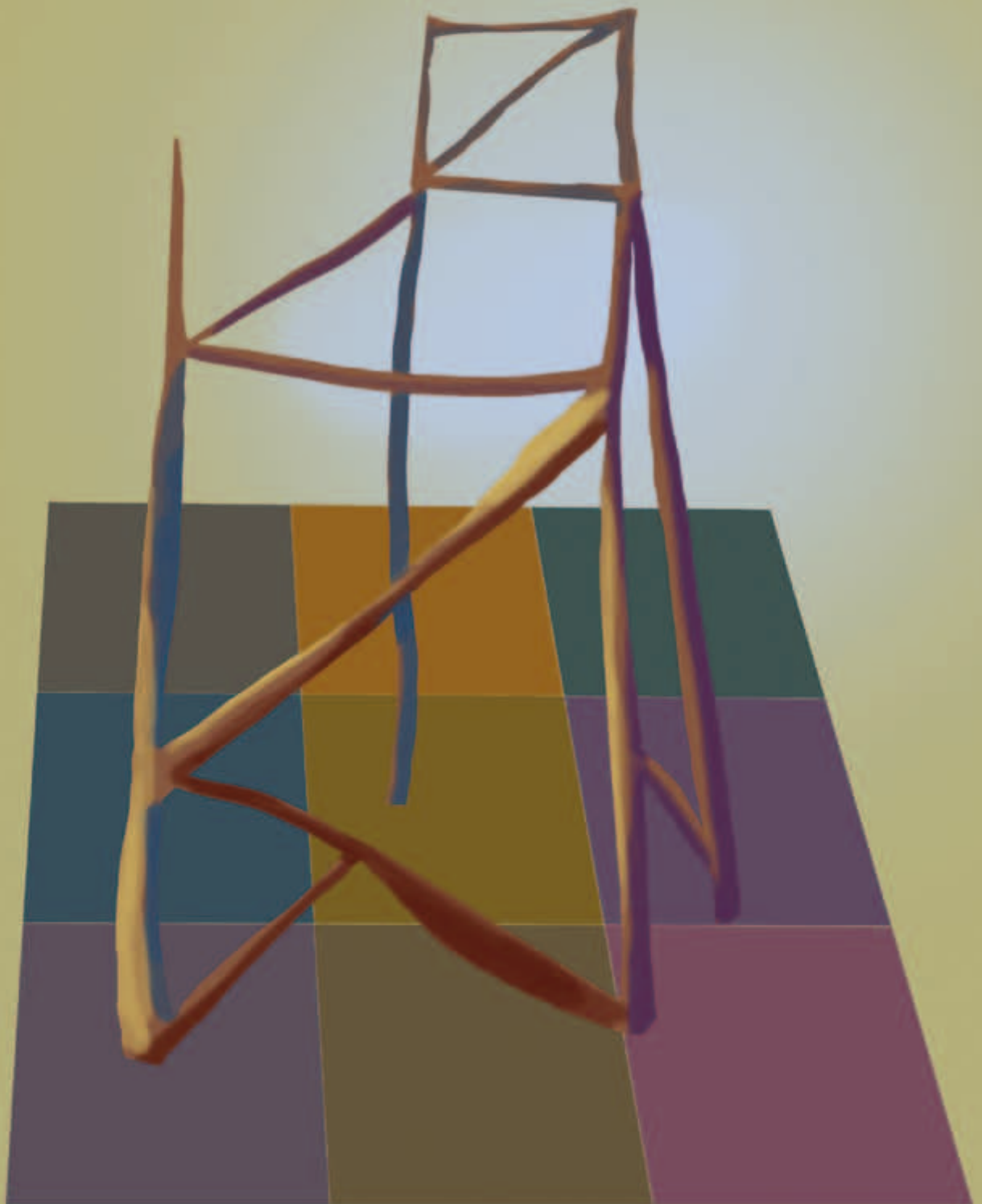


The special guest to the Chair for Faust was Prof. Jan Borovanský, a prominent representative of the fields of biochemistry and pathobiochemistry



The traditional festival in students' life, Student Fair, organized by the Students' Union of Charles University, took place at the Albertov campus area to start off a new academic year

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 research institutions in the Czech Republic. The First Faculty of Medicine is the largest medical and educational complex, and scientific research in the sphere of biomedicine is one of its basic objectives. 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 (in terms of RIV points scoring), 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 joint

institutions, in particular with those of the General Teaching Hospital in Prague, as this hospital has permanently kept the top standing in science among teaching hospitals and other institutions in the province of the Ministry of Health. 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.

At the First Faculty of Medicine, science and research is considered as one of the factors that are sine qua non for educational competence of the school as well as for the atmosphere of critical and creative thinking. Moreover, 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.

Institute of Biochemistry and Experimental Oncology of the First Faculty of Medicine was, as part of the Joint Laboratory for Biology of Cancer Cells together with the Institute of Physiology of the Academy of Sciences of the Czech Republic, selected for an international audit of the system of research, development and innovation in the Czech Republic (for the period of 1993-2009). This was about an individual national project called "International audit of the VaVal system in the Czech Republic and implementation of its results in strategic documents" which was performed by the Ministry of Education, Youth and Sport under the operation programme Education for Competitiveness. The work on the project was completed in 2012. The audit was done by an international consortium led by Technopolis Group. Experts from our Faculty (Prof. Aleksi Šedo) were part of the team of independent experts to judge the final report.

In 2012, there was a crucial change in institutional funding of scientific and research activities at the First Faculty of Medicine. Financing proportional to research concepts was stopped; in the year in question, the only research concept continued was that of Prof. E. Růžička of the Department of Neurology, and the subsidy was 5.6 million Czech crowns. Institutional funding of scientific activities was implemented through the research projects PRVOUK (abbreviation



*Prof. RNDr. Libuše Kolářová, CSc.
Vice-Dean for Grant Projects*

Survey of international projects at the First Faculty of Medicine of Charles University in 2012

Name of project	Type of instrument
Neonatal European Study of Inhaled Steroids (NEUROSIS)	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
Anti-Biopharmaceutical Immunization: Prediction and analysis of clinical relevance to minimize the risk (ABIRISK)	7 th Framework Programme
A Randomized clinical trial to evaluate the effectiveness of a multi-modal intervention in older people with type 2 diabetes on frailty and quality of life: THE MID-FRAIL STUDY	7 th Framework Programme
The Sugar Code: from (bio)chemical concept to clinics (GLYCOPHARM)	7 th Framework Programme
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
Single Hub and Access point for paediatric Rheumatology in Europe (SHARE)	PHEA
Science for Prevention Academic Network (SPAN)	Lifelong learning programme
Early-stage non-small cell lung cancer study (LUN)	World Health Organization

Basic parameters of scientific activity at the First Faculty of Medicine 2000–2010

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	2,211	1,297	163	697	489	639	1,483.7	20,020	891
2012	392,110	301 1	935.20 (+79.5) ^{1/} (+183.0) ^{2/}	906									

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

Total number of authors and publications – excluding abstracts

standing for Programme of Development of Research Organization of Charles University), which amounted 170.6 million Czech crowns, and further through specific university-level research with CZK 20.5 and through University Centres of Excellence (UNCE) with the total subsidy of 19.4 million Czech crowns.

As in the past years, the Faculty management considered the results of scientific work at the Faculty, evaluated according to internationally accepted standards, as one of the crucial criteria of promotion of our staff members as well as evaluation of particular clinical and theoretical units of the Faculty. 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 in Prague.

In 2012, evaluation of scientific and research activities at the First Faculty of Medicine changed in two important aspects, as suggested by its Academic Senate. The points (in the categories IF and BIBLIO) gained for the evaluated result of the given scientific publication are not evenly distributed among all authors any

more. Now one third of the total is given to the first author and another third of the points to the corresponding author while the remaining third is evenly shared by the other co-authors. Another crucial change concerned the weighting of particular segments evaluated, with higher scoring for publications in journals with an impact factor and for citations (in SCI). Recently, the proportion of scores for the segments evaluated has changed as follows – 3 to 2 to 1 for IF, SCI and BIBLIO respectively.

The Faculty management is conscious of the alarming problem of imbalance in earnings between the provinces of health care and education, resulting in disadvantage to top quality staff in the academic sphere compared to those physicians who are only engaged in clinical practice. In the coming years, another problem may well be keeping the present level of institutional funding for scientific activities. This support depends on production of RIV points gained by the Faculty staff during the previous five-year period of evaluation (2007–2011). Although the Faculty occupies the first position in RIV points among medical faculties in the Czech Republic, the relative scores per one workplace is nearly alarming. The finances gained for particular purposes and institutional funding of scientific activities approach one half of the Faculty's budget. Should science and research remain the basic economic sources for the Faculty after the expected cuts in subsidies on education, the efficiency of research and scientific activities must increase in the coming years, and the course must be set for top quality results of scientific work.

The above 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 10th May 2012, 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 several boards.

The presentations were evaluated in terms of the following (the maximum number of points given is shown in round brackets): scientific asset and knowledge



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

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 2nd Medical Department (Eyselt Hall), 1st Surgical Department, the Department of Stomatology, the Small Lecture Hall of the Institute of Anatomy, and the lecture hall of the Department of Anaesthesiology, Resuscitation and Intensive Care.

The evaluating board for the theoretical part of the undergraduate section (Prof. Otomar Kittnar, Prof. Jiří Jonák, Dr. Běla Potužníková) awarded the prizes to two best presentations: to *Study of functional impact of disorders due to mutations in catalytic sub-units of the complex of the 1st system of oxydative phosphorylation* by Marie Rodinová, and to student Barbora Váchová for the paper *Influence of ethacrynic acid on intracellular transport of vaccinia virus*. An extraordinary prize was awarded by this board to Andrea Jadwyszczoková for her lecture "Influence of erythropoietin on cognitive functions in adult laboratory rats following a cerebrovascular accident".

In the clinical part of this section the evaluating board (Assoc. Prof. Debora Karetová, Prof. Terezie Fučíková, Assoc. Prof. Milada Kohoutová) decided to award one first prize for the best presentation – to Linda Bártů for her paper *Importance of genetic changes in children with acute lymphoblastic leukaemia (ALL)*. The extraordinary prize was awarded by this board to Jan Špaček for the presentation *Monitoring of immunological parameters in patients with hormone-dependant breast carcinoma*.

The evaluating board for non-medical fields 1 (Assoc. Prof. Petr Bartůněk, Ms Eva Marková, Assoc. Prof. Jan Živný, Dr. Monika Nevalová) decided to award the first prize for the best presentation to Marek Macák for his paper *Quantitative and qualitative indicators of dynamic structural properties of the personality in the Rohrschach method* and the extraordinary prize to Tomáš Kroček for his paper *Modelling of circulatory dynamics through acausal modelling tools*.

The evaluating board for the theoretical and pre-clinical part of the postgraduate section 1A (Prof. Miloš Grim, Assoc. Prof. Jan Bednár, Assoc. Prof. Dana Marešová) awarded the first prize for the best presentation to Jana Šmigová for her *Ultrastructure of the "Polycomb body," defined by means of correlation optic and electron microscopy*. The extraordinary prize was won by Dr. Ondřej Kodet for his paper *Biological function of stromal fibroblasts from different tumours on the EM-G3 line of breast carcinoma*. The evaluating board for the theoretical and pre-clinical part of the postgraduate section 1B (Assoc. Prof. Viktor Kožich, Assoc. Prof. MUDr. Ondřej Slanař, Assoc. Prof. RNDr. František Šmíd) also awarded one prize for the best presentation; Roman Vozdek won it for his paper *Caenorhabditis elegans possesses four genes encoding cystathionine beta-synthase-related proteins with distinct role in H2S biology*. The extraordinary prize was awarded by this board to Jana Česneková for her paper *Role of human mitochondrial protease YME1L in biogenesis of the oxidation phosphorylation system*.

The evaluating board for the theoretical and pre-clinical part of the postgraduate section 2A (Prof. Jiří Kraml, Assoc. Prof. Tomáš Honzík, Dr. Tomáš Navrátil) decided to award the first prize for the best presentation to Lubica Ďudáková for her paper *Role of*

copper in keratoconus pathogenesis. No extraordinary prize was awarded in this section. The evaluating board for the theoretical and pre-clinical part of the postgraduate section 2B (Prof. Jiří Kraml, Assoc. Prof. J. C. Mukonkole Lubanda, Assoc. Prof. Robert Holaj) chose the paper *New cardiovascular hormone oxytocin plays a regulatory role in the myocardium under standard conditions as well as following acute stress* by Petr Škopek as the best. The extraordinary prize was won by Nataša Lekič for her paper *Differential gene expression in xenobiotic hepatotoxicity and potential hepatoprotection*.

The evaluating board for the theoretical and pre-clinical part of the postgraduate section 3A (Prof. Libuše Kolářová, Prof. Vladimír Bencko, Assoc. Prof. Jiří Vachtenheim) awarded the first prize for the best presentation to Dr. Jiří Hrdý for his paper *Influence of the Colinfant probiotic vaccine on proportionality and functional properties of regulatory cells in six-year-old children related to incidence of allergic diseases*. The extraordinary prize was won by John Quinn, MPH, MD for his paper *Public Health in War and Conflict*.

The evaluating board for the theoretical and pre-clinical part of the postgraduate section 3B (Assoc. Prof. Petr Pohlreich, Assoc. Prof. Karel Kupka, Assoc. Prof. Jan Klozar) awarded one first prize for the best presentation to Petra Barešová for her paper *Bond of vIRF-3 protein coded by Kaposi sarkoma virus on Skp2 ubiquitin ligase and its influence on the function and stability of c-Myc oncoprotein*. The extraordinary prize in this section was won by Markéta Jančíková for her presentation *Detection and characterization of circulating tumour cells in patients with castration-resistant carcinoma of the prostate*.

The evaluating board for the clinical fields of postgraduate section 1 (Assoc. Prof. Ivo Paclt, Prof. Martin Haluzík, Assoc. Prof. Jan Roth) awarded the first prize for the best presentation to Dr. Martin Černý for his *Victimization of patients suffering from a schizophrenic-type disease*. The extraordinary prize was won by Dr. Hana Turková for her paper *Clinical, genetic and biochemical characteristics and results in patients with metastatic pheochromocytoma and paraganglioma observed at National Institutes of Health in the USA*. The evaluating board for the clinical fields of postgraduate section 2 (Assoc. Prof. Miroslav Zeman, Dr. Lucie Muchová, Dr. Jitka Petanová) awarded the prize for the best presentation to Dr. Michal Tomčík for his lecture *S100A4 is a novel mediator of TGF-β driven dermal fibrosis in systemic sclerosis*. No extraordinary prize was awarded in this section. The evaluating board for the clinical fields of postgraduate section 3 (Prof. Miroslav Zeman, Assoc. Prof. Radan Brůha, Assoc. Prof. Jarmila Procházková, Assoc. Prof. Daniel Driák) awarded the prize for the best presentation to Dr. Kateřina Maxová, who presented the paper *Quality of life after a surgery for descended pelvic organs*. The extraordinary prize was awarded to the paper *Hepatocellular carcinoma as indication for orthotopic liver transplantation*, presented by Dr. Renáta Bartáková.

The award ceremony was held at the Academic Club in Faust House on 5th June 2011 at 3 p.m.

Prof. RNDr. Libuše Kolářová, CSc.
Vice-Dean for Grant Projects

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

2011 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 2011, the total of 2,211 items that fall into the categories under survey were published. The number of publishing authors from the First Faculty of Medicine was 1,297.¹

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, also in 2011 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.

Bibliometric data processing is based on classification of publication in categories according to IF and BIB points allotted (pursuant to the Resolution VII/7 of the Scientific Council of Charles University of 31st January 2006, as adopted by later Resolutions of the Scientific Council of the First Faculty of Medicine). Distribution of the shares of IF and BIB points among the authors was changed in order to give an advantage to the first author and the corresponding author (who are given one third of the total point each) while the remaining third is evenly shared by the other co-authors. The intention to increase the share of SCI points in the total scores led to another adjustment in computing the total scores of IF, SCI and BIB points. In the total score, the figure of IF points are tripled and SCI points doubled, compared to BIB points.

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 20,020; this means that in spite of the said strict measures the number of citations rose by 1,631, compared to 2010.

In 2011 the total number of 639 authors from the First Faculty of Medicine of Charles University published 454 original and synoptic articles in journals with impact factors (IF).

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 = 61 for the Faculty by 31st December 2010, and h-index = 74 by 31st December 2011. (See the table and diagram "Hirsch index" – page 78.) In the long-term aspect, the First Faculty of Medicine shows a constant increase in this value as well.

Publications in journals with high impact factors IF:

1 publication in a journal with IF = 38.278 (Lancet)
 2 publications in a journal with IF = 35.532 (Nature Genetics)
 1 publication in a journal with IF = 23.462 (Lancet Neurology)
 1 publication in a journal with IF = 22.589 (Lancet Oncology)
 1 publication in a journal with IF = 14.739 (Circulation)
 1 publication in a journal with IF = 14.156 (Journal of the American College of Cardiology)

1 publication in a journal with IF = 11.675 (Gastroenterology)
 1 publication in a journal with IF = 11.462 (Archives of Internal Medicine)
 1 publication in a journal with IF = 11.421 (ACS Nano)
 1 publication in a journal with IF = 11.089 (Annals of Neurology)
 1 publication in a journal with IF = 11.080 (American Journal of Respiratory and Critical Care Medicine)
 1 publication in a journal with IF = 10.603 (American Journal of Human Genetics)
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 3 publications in a journal with IF = 9.898 (Blood)
 1 publication in a journal with IF = 9.681 (Proceedings of the National Academy of Sciences of the USA)
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 1 publication in a journal with IF = 8.312 (Neurology)
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 3 publications in a journal with IF = 7.866 (Arthritis & Rheumatism)
 1 publication in a journal with IF = 7.636 (Human Molecular Genetics)
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 1 publication in a journal with IF = 5.000 (NeuroMolecular Medicine)

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*

Journals with the highest IF where the Faculty staff published in 2011

Title	ISSN	Country	IF 2011
Lancet	0140-6736	Great Britain	38.278
Nature Genetics	1061-4036	USA	35.532
Lancet Neurology	1474-4422	Great Britain	23.462
Lancet Oncology	1470-2045	Great Britain	22.589
Circulation	0009-7322	USA	14.739
Journal of the American College of Cardiology	0735-1097	USA	14.156
Gastroenterology	0016-5085	USA	11.675
Archives of Internal Medicine	0003-9926	USA	11.462
ACS Nano	1936-0851	USA	11.421
Annals of Neurology	0364-5134	USA	11.089
American Journal of Respiratory and Critical Care Medicine	1073-449X	USA	11.080
American Journal of Human Genetics	0002-9297	USA	10.603
European Heart Journal	0195-668X	Great Britain	10.478
Blood	0006-4971	USA	9.898
Proceedings of the National Academy of Sciences of the USA	0027-8424	USA	9.681
Human Reproduction Update	1355-4786	Great Britain	9.234
Embo Journal	0261-4189	USA	9.205
Annals of the Rheumatic Diseases	0003-4967	Great Britain	8.727
PLoS Genetics	1553-7390	USA	8.694
Neurology	0028-3878	USA	8.312
Nucleic Acids Research	0305-1048	Great Britain	8.026
Arthritis & Rheumatism	0004-3591	USA	7.866
Human Molecular Genetics	0964-6906	Great Britain	7.636
Embo Reports	1469-221X	Great Britain	7.355
American Journal of Gastroenterology	0002-9270	USA	7.282
Nature Reviews Nephrology	1759-5061	USA	7.092
International Journal of Cardiology	0167-5273	Ireland	7.078
Haematologica	0390-6078	Italy	6.424
International Journal of Epidemiology	0300-5771	Great Britain	6.414
Critical Care Medicine	0090-3493	USA	6.330
Emerging Infectious Diseases	1080-6040	USA	6.169
Cardiovascular Research	0008-6363	Great Britain	6.064
Journal of Clinical Endocrinology and Metabolism	0021-972X	USA	5.967
Psychoneuroendocrinology	0306-4530	Great Britain	5.809
Human Mutation	1059-7794	USA	5.686
Biosensors & Bioelectronics	0956-5663	Netherlands	5.602
International Journal of Cancer	0020-7136	Switzerland	5.444
Free Radical Biology and Medicine	0891-5849	USA	5.423
Intensive Care Medicine	0342-4642	USA	5.399
Carbon	0008-6223	Great Britain	5.378
Journal of Medicinal Chemistry	0022-2623	USA	5.248
Orphanet Journal of Rare Diseases	1750-1172	Great Britain	5.074
British Journal of Cancer	0007-0920	Great Britain	5.042
NeuroMolecular Medicine	1535-1084	USA	5.000

Total publishing output of the First Faculty of Medicine in 2001–2011

Type of document	POINTS	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
primary publications in scientific / professional journals with IF	7	268	297	324	271	328	389	457	379	411	453	418
primary publications in scientific / professional journals without IF	2 / 1.5	712	657	597	716	731	570	501	320	320	267	281
synoptic articles in scientific / professional journals with IF	10	15	7	21	22	25	26	38	42	41	43	43
synoptic articles in scientific / professional journals without IF	3 / 2	235	266	311	276	275	407	360	394	382	424	416
translation of articles in scientific / professional journals, or of chapters in monographs to/from Czech language	0.25 / 0.5	39	26	55	45	12	29	31	0	0	1	0
case studies	3.5 / 1 / 0.75	31	39	44	47	51	51	53	62	64	70	57
primary articles in newspapers or popularizing scientific journals	0.2	85	60	101	114	1	60	85	85	8	20	29
other types of articles in scientific / professional journals	0.2	98	81	121	111	167	182	163	184	144	94	119
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	12	17	24	30	34	23	46	24	10	6	12
reports of conferences and professional association sessions in scientific / professional journals	0.2	26	29	26	33	34	41	38	23	14	34	15
letter to the editors in scientific / professional journals with IF	2	2	3	11	2	4	12	7	12	15	23	15
letter to the editors in scientific / professional journals without IF	0.5	5	6	9	8	74	7	1	3	2	1	5
multicentric studies in scientific / professional journals with IF**)	7	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	9	15	14	13
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.	1	4	2	9
publications in proceedings/collections, entries in Pharmindex, Repetitorium, Doporučené postupy in Czech / Slovak language	1	83	123	1127	91	107	141	103	114	77	114	102
publications in proceedings/collections in other than Czech / Slovak language	2	60	68	71	61	57	49	43	50	46	19	29
chapters in monographs in Czech / Slovak language *)	0.5	206	213	184	296	424	324	277	216	217	232	190
chapters in monographs in other than Czech / Slovak language *)	1	28	24	21	38	15	23	19	17	35	36	36
monographs in Czech / Slovak language	0.5	64	55	61	52	61	55	54	45	34	34	39
monographs in other than Czech / Slovak language	1	0	1	0	2	6	3	1	4	3	5	1
textbooks, cyclopaedias, manuals, reference books, dictionaries, popularizing literature in Czech / Slovak language *)	0.5 / 0.2	52	114	45	120	21	94	195	109	91	67	120
textbooks, cyclopaedias, manuals, reference books, dictionaries, popularizing literature in other than Czech / Slovak language *)	1 / 0.4	1	0	4	39	2	4	5	3	7	1	3
patents and inventions, methods	10	1	5	4	2	4	2	1	10	11	2	4
doctorate and professor degree dissertations and theses, MBA theses	2	18	11	23	12	10	11	21	10	15	16	12
scientific/educational presentations: audio, CD, film, video, DVD, 3D, multimedia, data file, SW, expert system, www-document	2	24	89	41	30	9	68	72	73	16	15	33
any other abstracts, miscellaneous (all except for the category conference abstracts)	0.15 / 0.15 / 0.3	932	1,162	10	70	67	105	141	72	161	46	210
Total number of publications		2,997	3,353	3,235	2,488	2,519	2,676	2,712	2,261	2,143	2,039	2,211
Number of authors from the First Faculty of Medicine		969	1028	791	896	836	1,167	1,127	1,105	1,083	1,229	1,297
Total IF of publications in the category primary/synoptic article with IF		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	1,483.7
Number of authors from the First Faculty of Medicine, publishing in journals with IF		356	403	449	461	384	555	547	569	570	637	639
Number of quotations in SCI		4,720	5,852	7,150	9,710	10,979	13,950	11,440	12,497	14,020	18,389	20,020
Number of authors from the First Faculty of Medicine, quoted in SCI		411	498	420	647	541	678	682	686	728	852	891

*) 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.

Sum total of BIB, SCI and IF points in 2011 – by organization units

	Unit	BIB	SCI	IF	BIB + 2xSCI + 3xIF ¹
1.	3 rd Medical Department – Department of Endocrinology and Metabolism	481.11	2,440.50	99.68	5,661.14
2.	Department of Neurology	185.86	1,613.50	118.50	3,768.35
3.	Institute of Inherited Metabolic Disorders	82.78	1,545.00	101.02	3,475.85
4.	Dept. of Rheumatology of First Faculty of Medicine and Rheumatology Institute	109.70	994.00	181.09	2,640.97
5.	Institute of Clinical Biochemistry & Laboratory Medicine	126.83	911.50	72.31	2,166.76
6.	Department of Paediatrics & Adolescent Medicine	61.02	914.50	73.58	2,110.77
7.	1 st Medical Department – Department of Haematology	157.14	909.50	31.18	2,069.68
8.	Department of Gynaecology and Obstetrics	242.11	748.00	90.70	2,010.20
9.	Department of Nephrology	69.29	786.50	39.89	1,761.97
10.	2 nd Medical Department – Department of Cardiovascular Medicine	112.16	774.00	33.45	1,760.50
11.	Department of Psychiatry	351.24	586.92	77.97	1,758.98
12.	Institute of Hygiene and Epidemiology	49.15	797.00	7.61	1,665.98
13.	Institute of Pathological Physiology	125.99	603.50	108.34	1,658.01
14.	Institute of Anatomy	152.04	512.00	54.16	1,338.53
15.	4 th Medical Department – Department of Gastroenterology and Hepatology	226.17	426.00	29.03	1,165.27
16.	Institute of Immunology and Microbiology	112.69	354.50	94.54	1,105.30
17.	Institute of Medical Biochemistry	65.71	414.00	37.20	1,005.31
18.	Institute of Biology and Medical Genetics	35.32	465.00	11.42	999.57
19.	Department of Oncology	54.74	291.00	22.50	704.25
20.	Institute of Pharmacology	53.54	275.00	15.54	650.15
21.	Dept. of ENT and Head & Neck Surgery at Motol TH	21.08	257.00	15.17	580.59
22.	Institute of Biophysics and Informatics	51.71	238.50	14.37	571.81
23.	Institute of Biochemistry & Experimental Oncology	39.04	212.50	30.97	556.95
24.	Department of Orthopaedics at Motol TH	17.49	244.00	8.65	531.43
25.	Department of Geriatrics	14.24	226.00	3.35	476.29
26.	Institute of Cell Biology and Pathology	56.31	128.00	51.68	467.34
27.	Department of Occupational Medicine	54.55	168.00	18.30	445.46
28.	Dept. of Infectious & Tropical Diseases at Bulovka TH	75.23	122.00	32.66	417.21
29.	Institute of Physiology	97.28	124.50	18.61	402.12
30.	Institute of Pathology	22.64	177.00	6.74	396.87
31.	Department of Urology	85.84	141.00	4.98	382.79
32.	Department of Anaesthesiology, Resuscitation and Intensive Medicine	70.11	111.00	27.20	373.70
33.	Dept. of Gynaecology & Obstetrics at Bulovka TH	115.53	115.50	6.59	366.29
34.	Institute of Sexology	76.55	76.00	24.80	302.94
35.	Medical Department at Central Military Hospital	65.70	56.50	41.36	302.78
36.	Department of Radiodiagnostics	9.57	120.00	2.19	256.13
37.	Department of Neurosurgery at Central Military Hospital	31.01	99.00	8.45	254.37
38.	Institute of Histology and Embryology	10.96	110.00	5.33	246.96
39.	Department of Dermatology and Venereology	51.57	75.50	9.20	230.16
40.	3 rd Surgical Department at Motol TH	35.00	74.00	15.50	229.51
41.	2 nd Surgical Department – Dept. of Cardiovascular Surgery	21.79	88.00	9.84	227.32
42.	1 st Surgical Department – Dept. of Abdominal, Thoracic Surgery and Traumatology	41.44	91.00	0.67	225.44
43.	Department of Stomatology	42.09	61.00	19.93	223.88
44.	Department of Ophthalmology	22.64	64.00	16.83	201.13
45.	Institute of Dental Research	23.36	51.00	12.40	162.57
46.	Institute of Forensic Medicine and Toxicology	7.85	63.00	4.51	147.38
47.	Institute for History of Medicine and Foreign Languages	132.67	1.00	1.19	138.25
48.	Institute of Sports Medicine	1.71	64.00	0.77	132.01
49.	Institute of Nuclear Medicine	7.96	55.00	3.58	128.70
50.	Institute of Humanitarian Studies in Medicine	25.22	32.09	10.76	121.67

51.	Department of Rehabilitation Medicine	31.83	22.00	8.92	102.59
52.	Institute of General Medicine	31.50	27.00	0.00	85.50
53.	Surgical Department at Bulovka TH	0.50	36.00	0.00	72.50
54.	Institute of Public Health and Medical Law	59.47	5.50	0.00	70.47
55.	Surgical Department at Thomayer TH	7.47	29.00	0.35	66.51
56.	Institute of Nursing Theory and Practice	60.19	0.00	0.00	60.19
57.	Department of Paediatrics at Thomayer TH	0.00	27.00	0.00	54.00
58.	Institute of Radiation Oncology at Bulovka TH	0.60	22.00	0.19	45.18
59.	Department of Pneumology at Thomayer TH	37.71	0.00	0.17	38.22
60.	Department of Plastic Surgery at Bulovka TH	7.39	9.00	3.77	36.70
61.	Department of Phoniatics	2.44	9.00	0.00	20.44
62.	Institute of Clinical & Experimental Haematology	2.14	8.00	0.63	20.04
63.	1 st Department of Tuberculosis and Respiratory Diseases	11.19	3.00	0.00	17.19
64.	Department of Radiodiagnostics at Bulovka TH	0.00	8.00	0.00	16.00
65.	Department of Orthopaedics at Bulovka TH	2.75	3.00	0.00	8.75
66.	Centre of Experimental Biomodels	0.17	2.50	0.00	5.17
67.	Department of computer technology	2.08	0.00	0.00	2.08
68.	Dept. of Anaesthesiology and Resuscitation at Thomayer TH	1.98	0.00	0.00	1.98
69.	Department of Ophthalmology at Central Military Hospital	1.33	0.00	0.00	1.33
70.–72.	Institute of Physical Education	0.00	0.00	0.00	0.00
	Institute of Spa Medicine	0.00	0.00	0.00	0.00
	Institute of Scientific Information	0.00	0.00	0.00	0.00

¹ BIB/SCI/IF have been weighted in the total as follows: the number of BIB points plus the doubled number of SCI points plus the triple number of IF points.



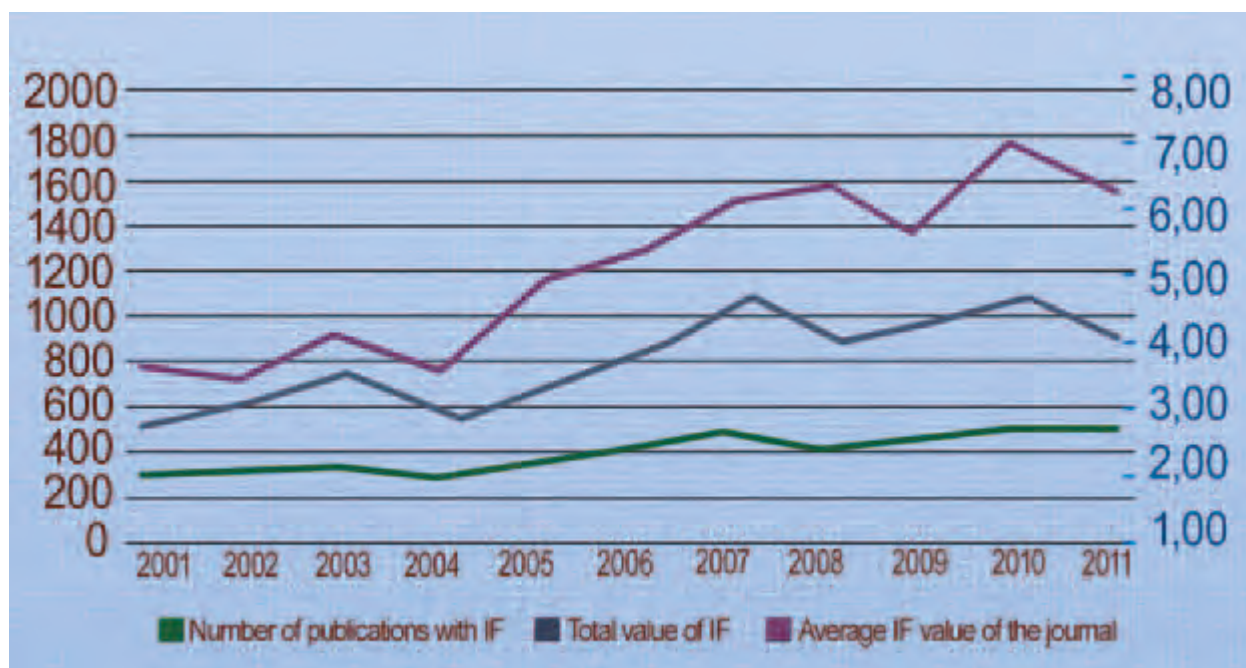
Opening the Imaging Centre for Biomedicine and Medical Nanotechnologies of the First Faculty of Medicine (Projekt OPPK CZ.2.16/3.1.00/24010) in the Purkinje Building. Rector of Charles University Prof. Václav Hampl (first right) attended the ceremony

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.

Year	Number of publications with IF	Sum total of IF values of journals with the respective publications	Average IF value of y journal
2001	287	769.6	2.68
2002	299	704.3	2.36
2003	345	902.6	2.62
2004	293	756.1	2.58
2005	353	1,160.8	3.29
2006	415	1,294.6	3.12
2007	495	1,530.8	3.09
2008	421	1,566.3	3.72
2009	452	1,345.2	2.98
2010	493	1,755.2	3.56
2011	489	1,483.7	3.03

Number of publications in journals and their increase in terms of quantity and quality Average IF value of publications by authors from the First Faculty of Medicine



Number of publications in journals with impact factor (2003–2011)

Interval IF	2004			2005			2006			2007		
	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	2	0	2
40.000–49.999	0	0	0	0	0	0	0	0	0	0	0	0
30.000–39.999	0	0	0	0	0	0	3	0	3	0	0	0
20.000–29.000	1	1	2	6	0	6	1	0	1	2	1	3
15.000–19.999	0	0	0	2	0	2	2	0	2	0	0	0
10.000–14.999	5	0	5	11	0	11	2	2	4	6	0	6
9.000–9.999	2	0	2	1	0	1	1	0	1	4	0	4
8.000–8.999	0	0	0	3	0	3	1	4	5	2	0	2
7.000–7.999	7	0	7	5	0	5	12	0	12	7	0	7
6.000–6.999	13	1	14	7	1	8	6	0	6	6	2	8
5.000–5.999	12	1	13	5	0	5	20	1	21	27	3	30
4.000–4.999	7	0	7	29	1	30	25	1	26	33	2	35
3.000–3.999	32	5	37	37	2	39	52	1	53	58	10	68
2.000–2.999	49	2	51	64	6	70	97	3	100	95	5	100
1.000–1.999	79	6	85	93	4	97	75	3	78	102	10	112
0.001–0.999	65	5	70	68	8	76	91	12	103	104	14	118
TOTAL	272	21	293	331	22	353	388	27	415	448	47	495

Interval IF	2008			2009			2010			2011		
	original	synoptic	total	original	synoptic	total	original	synoptic	total	original	synoptic	total
50.000–52.589	2	0	2	0	0	0	1	0	1	0	0	0
40.000–49.999	0	0	0	0	0	0	0	0	0	0	0	0
30.000–39.999	10	0	10	1	0	1	6	0	6	3	0	3
20.000–29.000	2	1	3	0	0	0	0	1	1	1	1	2
15.000–19.999	2	0	2	4	0	4	3	0	3	0	0	0
10.000–14.999	2	1	3	9	1	10	6	0	6	7	1	10
9.000–9.999	1	0	1	4	0	4	8	3	11	4	0	6
8.000–8.999	1	1	2	6	0	6	8	1	9	13	2	18
7.000–7.999	10	1	11	7	2	9	2	0	2	5	1	8
6.000–6.999	8	2	10	9	2	11	13	0	13	5	0	5
5.000–5.999	20	1	21	12	2	14	24	0	24	16	0	16
4.000–4.999	30	1	31	35	0	35	32	3	35	43	1	44
3.000–3.999	47	5	52	59	5	64	53	3	56	65	6	71
2.000–2.999	79	7	86	85	2	87	105	6	111	95	6	101
1.000–1.999	129	17	146	133	10	143	138	14	152	113	10	123
0.001–0.999	41	9	50	53	18	71	50	13	63	41	15	56
TOTAL	384	46	430	417	42	459	449	44	493	411	43	454

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, by 31st December 2010 it was the h-index = 61, by 31st December 2011 the h-index = 68, and **by 31st December 2012 it reached as high as h-index = 74.**

Hirsch index of authors from the First Faculty of Medicine 2007–2012

H-index	2007	2008	2009	2010	2011	2012
60–69	0	1	1	1	1	1
50–59	0	1	0	0	0	0
40–49	0	1	1	0	2	2
30–39	2	1	2	3	3	4
20–29	11	10	11	10	14	19
15–19	8	18	22	33	32	31
10–14	50	56	66	64	81	102
5–9	154	189	215	238	254	261
3–4	147	195	208	197	214	229
1–2	265	292	312	313	306	271
TOTAL	637	764	838	859	907	920



One of the special guests interviewed in the Chair for Faust was Prof. Pavel Dungal, the Head of the Department of Orthopaedics at Bulovka Hospital and one of the most renowned Czech orthopaedists

H-index – authors from the First Faculty of Medicine who achieved $h \geq 8$ in 2012

Surname	First name	H-index
Městecký	Jiří	65
Prchal	Josef	49
Martásek	Pavel	40
Pravenec	Michal	36
Křen	Vladimír	32
Štěpán	Jan	32
Tlaskalová	Helena	30
Pavelka	Karel	29
Houštěk	Josef	28
Haluzík	Martin	27
Raška	Ivan	26
Bencko	Vladimír	24
Tesař	Vladimír	24
Vymazal	Josef	23
Elleder	Milan	22
Halata	Zdeněk	22
Navrátil	Tomáš	22
Nevšímalová	Soňa	22
Smetana	Karel	22
Zeman	Jiří	22
Havrdová	Eva	21
Hynie	Sixtus	21
Škrha	Jan	21
Vencovský	Jiří	21
Zima	Tomáš	21
Kožich	Viktor	20
Sedmera	David	19
Bednár	Ján	18
Horký	Karel	18
Krejčí	Ivan	18
Linhart	Aleš	18
Nohýnková	Eva	18
Stříž	Ilja	18
Tichá	Marie	18
Grim	Miloš	17
Jonák	Jiří	17
Kmoch	Stanislav	17
Křenová	Drahomíra	17
Křepela	Evžen	17
Marek	Josef	17
Michalová	Kyra	17
Nečas	Emanuel	17
Petruželka	Luboš	17
Aschermann	Michael	16
Cibula	David	16
Hlíňák	Zdeněk	16
Kolářová	Libuše	16
Ledvinová	Jana	16
Otová	Berta	16
Pacovský	Vladimír	16

Poučková	Pavla	16
Češka	Richard	15
Dvořánková	Barbora	15
Idle	Jeffrey R.	15
Jech	Robert	15
Schreiber	Vratislav	15
Zvolský	Petr	15
Druga	Rastislav	14
Frič	Přemysl	14
Kalousová	Marta	14
Kořínek	Josef	14
Kraml	Jiří	14
Kršek	Michal	14
Lacinová	Zdeňka	14
Papežová	Hana	14
Růžička	Evžen	14
Šenolt	Ladislav	14
Šonka	Karel	14
Štípek	Stanislav	14
Vítek	Libor	14
Zemanová	Zuzana	14
Čermák	Jaroslav	13
Filipec	Martin	13
Hána	Václav	13
Hansíková	Hana	13
Hilgertová	Jiřina	13
Holcátová	Ivana	13
Hřebíček	Martin	13
Petrák	Jiří	13
Plzáková	Zuzana	13
Povýšil	Ctibor	13
Stopka	Tomáš	13
Šedo	Aleksi	13
Šmíd	František	13
Topinková	Eva	13
Borovanský	Jan	12
Crkovská	Jiřina	12
Doležalová	Pavla	12
Farghali	Hassan	12
Fuksová	Květoslava	12
Gatterová	Jindřiška	12
Haluzíková	Denisa	12
Hradec	Jaromír	12
Kalbáčová	Marie	12
Kornalík	František	12
Krijt	Jakub	12
Křepelová	Anna	12
Petrovický	Pavel	12
Prokešová	Ludmila	12
Tvrzická	Eva	12
Vyoral	Daniel	12

Widimský	Jiří	12
Bob	Petr	11
Cmarko	Dušan	11
Holada	Karel	11
Houštková	Hana	11
Klenerová	Věra	11
Kostrouch	Zdeněk	11
Malík	Jan	11
Neuwirtová	Radana	11
Pelclová	Daniela	11
Pinskerová	Věra	11
Pláteník	Jan	11
Pokorný	Jaroslav	11
Prázný	Martin	11
Svačina	Štěpán	11
Šeda	Ondřej	11
Škvor	Jiří	11
Šterzl	Ivan	11
Vokurka	Martin	11
Živný	Jan	11
Balíková	Marie	10
Betka	Jan	10
Broulík	Petr	10
Calda	Pavel	10
Fialová	Lenka	10
Heissigerová	Jarmila	10
Jáchymová	Marie	10
Jirsa	Milan	10
Julák	Jaroslav	10
Klaschka	Jan	10
Klement	Petr	10
Krijt	Jan	10
Kvasnička	Jan	10
Langmeier	Miloš	10
Mikula	Ivan	10
Paclt	Ivo	10
Perlík	František	10
Plzák	Jan	10
Podzimek	Štěpán	10
Poupětová	Helena	10
Raboch	Jiří	10
Roth	Jan	10
Sosna	Antonín	10
Strunecká	Anna	10
Šámal	Martin	10
Šedová	Lucie	10
Tesařová	Markéta	10
Vachtenheim	Jiří	10
Vrablík	Michal	10
Wichterle	Dan	10
Zadinová	Marie	10

Živný	Jaroslav	10
Žák	Aleš	10
Bártlová	Markéta	9
Befekadu	Asfaw	9
Beneš	Vladimír	9
Boudová	Lea	9
Bradna	Pavel	9
Bušková	Jitka	9
Fanta	Michael	9
Fried	Martin	9
Halaška	Michael	9
Hořínek	Aleš	9
Housová	Jitka	9
Chovanec	Martin	9
Ješina	Pavel	9
Kleibl	Zdeněk	9
Klener	Pavel	9
Marečková	Helena	9
Matouš-Malbohan	Ivan	9
Mělková	Zora	9
Olejárová	Marta	9
Paleček	Tomáš	9
Pytlík	Robert	9
Urgošík	Dušan	9
Vítek	Antonín	9
Zavoral	Miroslav	9
Zikán	Michal	9

Zikán	Michal	9
Zvárová	Jana	9
Lukáš	Milan	8
Büchler	Tomáš	8
Dohnalová	Alena	8
Dundr	Pavel	8
Dungl	Pavel	8
Dvořáková	Lenka	8
Eliška	Oldřich	8
Fenclová	Zdenka	8
Fialová	Daniela	8
Jirsová	Kateřina	8
Jirsová	Kateřina	8
Kadlecová	Libuše	8
Kameníková	Ludmila	8
Kemlink	David	8
Kobilková	Jitka	8
Kocna	Petr	8
Kohoutová	Milada	8
Kovářů	Hana	8
Křemen	Jaromír	8
Kučerová	Zdenka	8
Kutinová-Canová	Nikolina	8
Kužel	David	8
Lacina	Lukáš	8
Lacina	Lukáš	8
Límanová	Zdeňka	8

Lincová	Dagmar	8
Lubyová	Barbora	8
Marešová	Dana	8
Maruna	Pavel	8
Novotný	Jan	8
Plavka	Richard	8
Pohlreich	Petr	8
Pokorný	David	8
Ryšavá	Romana	8
Seidl	Zdeněk	8
Seifert	Bohumil	8
Skácel	Tomáš	8
Slanař	Ondřej	8
Stejskal	Lubor	8
Strouhal	Eugen	8
Šefc	Luděk	8
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A distinguished guest to another interview in the series Chair for Faust was His Eminence cardinal Dominik Duka, the 36th Archbishop of Prague, the Primate of Czechia and President of the Czech Bishops' Conference

THE INSTITUTE OF SCIENTIFIC INFORMATION



THE INSTITUTE OF SCIENTIFIC INFORMATION

The objective of the Institute of Scientific Information of the First Faculty of Medicine of Charles University in Prague is to provide complex services and activities to support science and research, education and professional training, as well as other activities pertaining to the Faculty's activities and its promotion.

Further to the chapter about science, research and grant agenda, it is necessary to mention the role of the Institute of Scientific Information in the sphere of promotion of science and research, where its activities are focused on the following aspects:

Keeping records of publication activities and evaluation of scientific work, which had been emphasised as one of the Faculty's priorities, became part of responsibilities of the Institute of Scientific Information in early 1990s. Reports on the results of research, development and innovation were changing in their form throughout the twenty years but each time developing just towards a higher quality. This eventually enabled to optimize the scope of search and evaluation concerning particular records as well as the possibility of export of the data according to appropriate parameters and their combinations.

The basic activities of the Section of Records of Publication Items and Evaluation of Scientific Research of the Institute of Scientific Information included, in particular:

- setting up the data base of publications of the staff of the First Faculty of Medicine;
- transmitting the results of research, development and innovation through the Central library of Charles University to the Information System on Research, Experimental Development and Innovation – Register of Information on Science (RIV);
- transmitting the results of research, development and innovation to the Rector Office data base of publications of the staff of Charles University;
- processing the response to the publication (response in citation) and preparing the documents for evaluation of publication activities of the staff of the First Faculty of Medicine;
- preparing, as required by the Faculty, statistical surveys and analyses, which may serve, for example, for compilation of the Annual Report of the First Faculty of Medicine.

At the website of the Institute of Scientific Information, the Section of Records of Publication Items and Evaluation of Scientific Research displays new information on both processing and evaluation of publication activities.

The results of research, development and innovation for 2012 (RIV 2013) have been collected and evaluated through the KOBIS software system. The KOBIS system, which had been in use at the Faculty since 2008 to collect data on publication, was fine-tuned to meet the needs of the First Faculty of Medicine, at the same time observing the exchange format required by RIV and Charles University. The 2013 data will be processed through the novelty all-university system OBD / Ders.

The staff of the Institute of Scientific Information contributed through consultations to preparation of the Dean's Order 18/2012 on *Recording of results of research, development and innovation as well as other intellectual activities*. This regulation came in force on 1st January 2013.

The library and information resources serve as a source of support for scientific and research activities. Thanks to electronic resources, the information can be provided more quickly and fluently, compared to traditional printed media. At the Institute of

Scientific Information, the Section of Reference Services and Management of E-resources is in charge of the complex management of electronic resources of information (such as the issues of licences, access, technological problems, information on the resources offered). The project by the Ministry of Education, Youth and Sport to support research (INFOZ) should have been closed by 31st December 2011. However, the Ministry of Education, Youth and Sport won some additional funds from the Ministry of Finance and could continue the project in 2012 as well. Through Charles University, the staff of the Faculty were able to use a number of data bases of various nature – bibliographic or general reference, multidisciplinary or specialized biomedical. The most frequented bases include Web of Knowledge, MEDLINE, EMBASE, EBSCOHost, EBM Reviews, ProQuest, MicroMedex, Dentistry & Oral Science Source. Characteristics of particular data bases that the Faculty staff have access to is given at the website of the Institute of Scientific Information. Due attention is also given to consortial collections of electronic journals and books. The richest is the collection of full-text periodicals of the publishing house Elsevier (service ScienceDirect), which opens the access to 58,978 journals for the Faculty staff. Other important producers involved are, for example, BMJ Group (BMJ Journals Online Collection), Karger (Karger Online Journals & Archive), Springer/Kluwer (service LINK) and many more.

The staff of the Institute continued to organize a number of regular events every year with the producers allowing demo access to electronic information resources. Demo access to data bases as well as journal and book files becomes a potential guide for acquisition, of course after thorough evaluation of these resources in terms of contents and form, also considering the number of visits, which reflects how much the resource may be utilized.

In 2012, the users had the chance to try free access to the following data bases and e-sources: Medical E-Textbooks (Elsevier), Primal Pictures (Albertina icome Praha), DynaMed (EBSCO), Encyclopaedia Britannica (EBSCO) and Mary Ann Liebert Textbooks (EBSCO). The most sought resource was the collection of books of the publishing house Elsevier (Medical E-Textbooks), of which the most used titles were purchased according to statistical analysis of visits to the collection offered.

More detailed information about all electronic resources is displayed at the website of the Institute of Scientific Information.

By providing reference services, the Institute of Scientific Information meets the users' individual needs. The scope of reference services is really wide, and it is a time-consuming task to provide them. Besides the basic task, which means introduction of a particular user into relevant sources of information, their structure and availability, we answer common questions about the services offered, and in particular about how to use remote access to pre-paid resources, which becomes more and more popular.

Reference services also involve the activities connected with literature search. The number of requests dealt with has been decreasing in 2011, as the total number of orders was 1,032 while in 2011 it was 1,061. This does not mean that literature search is not asked for. Quite the contrary. The point is that, thanks to educative activities of the staff of the Institute of Scientific Information directed to the issues of e-resources (seminars, tutorials as well as individual reference and consultation services), there are more users who are able to do elementary literature search for themselves.

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 long believed that everything can be found on the internet, it is not always true, particularly for professional scientific resources. The increase in inter-library services, both national and international, is reflected in the chart below.

One of the basic objectives of the Faculty is tuition and education, and in this respect the Institute of Scientific Information does not lag behind, either.

In the process of education, the Institute of Scientific Information plays a double role: on one hand, its staff actively participate in tuition of students of the First Faculty of Medicine and further education of users, on the other hand the library at the Institute, together with its other units, offers the information background and nice setting for self-study and other forms of education.

Tuition in Bachelor and follow-up Master degree programmes (subjects Basics of scientific work and Propaedeutics of scientific research), both in full-time and combined form of the studies, offers an elaborate system of interconnected lessons that facilitate the student's work with information and provide a basis for writing professional texts, such as seminar projects or diploma theses. Students are given specific practical tasks to do, for example literature search on a specific topic, and these are evaluated and credited.

Another activity of the Institute is organization of educative events for professional as well as lay users in "Tuesday seminars". These vary in their contents. Most topics were about use of electronic resources, such as Web of Science, Book Citation Index, reference managers EndNote Web and EndNote, EBSCO Discovery Service, Discovery systems Primo and Summon, EBSCO – data base interface, Primal Pictures – search in common reference data base, Medical E-Textbooks – access to e-book collections, etc.). The keenest was the interest in the spring seminar on reference managers EndNote Web and EndNote, which was repeated again with much success in autumn. Other seminars dealt with everyday operation (e.g. data collection for RIV, revision of the library collections, etc.)

Background and support for students from the Institute mainly means provision of the study book collection, maintaining it in keeping with the curricula of particular study subjects taught at the Faculty.

In 2012, the coming first year students got the idea of the library and information system of the Institute of Scientific Information at the introducing camp course in Dobronice. This allowed the students to get familiar with the library of the Institute and the scope of its services as early as the beginning of the academic year, and in a really tranquil atmosphere.

Students can make use of the loan services of the library, borrowing books to study in the resource room or outside.

In 2012, the library of the Institute of Scientific Information continued to develop and fine-tune its activities connected with the loan process. These are to facilitate meeting the users' orders and their needs. First of all, this means interconnection of acquisitions and users' orders on the Study Information System (SIS). Nowadays, electronic prolongation of loans has become routine, and so have consulting services provided to users in the loan process through mobile phone text messages giving notice of expiration etc. In 2012, in co-operation with particular sections of the Dean Office, we managed to set up a system of reminders and demands for overdue loans from the library users, particularly students.

In the academic year 2012–2013, a room was set apart at the library of the Institute of Scientific Information and furnished to enable study of morphological subjects. Expert supervision, and even a share of the expenses, was provided by the team of the Institute of Anatomy, led by Prof. K. Smetana. Here students in the first or second year of studies of both medical and non-medical

programmes can find special literature as well as material aids for the basic subjects – anatomy, morphology, histology, embryology etc.

The library collection of the resource room, focused on core study literature, includes 8,606 copies of titles published in Czech or English language, in printed or electronic form.

It is natural that the loan services of the library are employed not only by students but also by users from among professionals. Mainly these users took the chance and had a Charles University Employee Card made by a mobile card-making unit, which is able to issue ISIC, ITIC and Employee Cards. In three days, more than 300 these documents were made, which also serve for loan service and other services by the Institute of Scientific Information, above all, for direct as well as remote access to electronic information resources.

In 2012, the Institute of Scientific Information continued the tasks whose performance it had been put in charge of by the Faculty management in the past years. Among others, these included digitalization of diploma theses and revision of the library collection.

Since 2006, Charles University has been developing a digital repository, run in the DigiTool system. This enables for long-term storage of documents, management and displaying of electronic documents in most various formats. Now this repository is being completed with full texts of diploma theses above all.

The Institute also performs the tasks ensuing from the Dean's Order 10/2010. In advance, the 2nd stage was completed in 2012, which required to archive the 2009 theses in DigiTool. Having done this job, we began the work on the 3rd stage, when the system should be completed with the theses from the period between 2006 and 2008. By the end of 2012, our Institute transferred 207 theses to the repository.

Another important and time-consuming task to be done by the staff of the Institute of Scientific Information with librarians of the Faculty's departments and institutes was revision of the library collection. The duty to perform regular revisions is imposed by the law, particularly the Library Acts (Act 257/2001 Coll.). Founders of libraries and information institutions are obliged to incorporate this law in their own internal regulations, which is Dean's Order 5/2005 in our case.

The main goal is to perform physical revision of the library collections at the First Faculty of Medicine. Most units, however, used this occasion for updating their library collections, discarding obsolete and disused titles from their libraries on the approval of the Elimination Board. The responsibilities of the Institute of Scientific Information have been widened further; apart from methodological assistance for particular Faculty units and administration of materials needed for the revisions, they include re-cataloguing of the actual present collections as well. This means that record of all the revised library documents will step by step processed and converted to the electronic form, and thereby available in the electronic Central Catalogue of Charles University in Prague.

Of the other activities of the Institute, we can highlight its role in the Faculty's publishing policy, connected with the Karolinum publishing house. The Institute of Scientific Information provides the clerical work, which includes the following: (1) compiling the editorial plans for the publisher, considering the data given by particular Faculty units and the approval by the Editorial Board; (2) co-operate with the authors on formal documents required; and (3) preparing the data for possible Rector's appreciation for publications (such as the Rector's Award, competition for the best monograph at Charles University, etc.). In 2012, the Karolinum published 12 titles by authors from the First Faculty of Medicine, while another three titles supplied in 2012 are in print now.

Another sphere of activity of the Institute of Scientific Information is provision of photo- and video services to document the work of the Faculty. In 2012, the video studio made seven educational videos, 32 special videos for e-learning, and 158 videos to be

presented with lectures at congresses and workshops. From video records of surgeries, photographs were exported and further processed for the use in professional and scientific publications. Of much importance is creation and processing of audio records in English for students to practice listening comprehension.

Development of new activities and tasks of the Institute brought about some changes in internal regulatory documents concerning the Institute of Scientific Information and its users too. In 2012, the Institute initiated the draft document *Operation and loan regulations and other rules of the Institute of Scientific Information of the First Faculty of Medicine of Charles University in Prague and the General Teaching Hospital*. This document, eventually published as Dean's Order 9/2012, stipulates the terms and conditions for using the services and other activities of the Institute of Scientific Information.

Last year, the Institute organized some social events as well. The garden party in June was an occasion to thank the vice-dean for scientific activities, Prof. Žák, for his collaboration and support and present him with the award *The library of my heart*.

Another important event was the exhibition of the historic model of the building at 4 U Nemocnice and photographs documen-

ting its reconstruction. The model, made in 1870s, arouse much interest in the National Museum of Technology, which borrowed it and displayed it in the exhibition called *How Mr. Fingerhut became Mr. Náprstek, or 150 years of the Czech Industrial Museum*.

In co-operation with some publishing houses, the Institute of Scientific Information organized sale shows of professional literature, much appreciated above all by students, who get a chance to buy books at considerably reduced prices there.

The users of services of the Institute of Scientific Information are kept informed of its activities at the Institute's website. Since 2012 it has included electronic information about current events, new acquisitions etc. through the information system installed on the ground floor in the building of the Institute.

We assume that last year the Institute of Scientific Information took another step in the process of transformation from the traditional concept of a library to an institution providing complex library and information services to all its users.

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

Basic data of the library

Acquisition of the library collection in 2012	2,695
Total library collection	237,041
Number of titles of periodicals taken	154
Electronic titles*	58,978
Total opening hours per week	54
Number of units loaned out	185,628
Number of users of ISI	10,541
Number of users' seats in the resource room	135
Number of volumes freely accessible	8,606

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

Structure of financial resources

	2012	2011	2010	2009
Faculty budget	699,429	384,118	217,898	697,368
Special subsidies	1,729,660	2,154,205	2,622,482	1,916,640
Sponsoring & donations	597,161	215,717	216,227	111,447
Other resources	69,123	1,163,268	1,025,929	971,133
Total	3,095,373	3,917,308	4,082,536	3,696,588

Number of inter-library and international loans

	2012	2011	2010	2009
Inter-library – lent	690	695	602	536
Inter-library – borrowed	1,557	1,373	1,326	1,648
International – borrowed	86	97	157	220
Total	2,154	2,025	2,341	1,977

Staff

		Actual positions	Converted to full-time positions
Total		28	22.68
Including:	with university degree	14	10.19
	incl. librarian	12	10.91
	with college education	1	1
	incl. librarian	0	0
	with secondary education	12	10.49
incl. librarian	6	4.49	

*) Only employees of the Institute of Scientific Information; those with basic education included in "secondary education".

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 to the issues of Graeco-Latin medical terminology for medical students in Master degree programmes]. 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.

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* [Cookery book of Czech physicians. Life, food and dietary measures taken easy]. Praha : Axonite CZ, 2011. 144 pp.

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; BOSELDMANN, 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

ZÁBRANSKÝ, Tomáš; BĚLÁČKOVÁ, Vendula; ŠTEFUNKOVÁ, Michaela et al. *Společenské náklady užívání alkoholu, tabáku a nelegálních drog v ČR v roce 2007* [Social expenses of abuse of alcohol, tobacco and illicit drugs in the Czech Republic in 2007]. Praha : Centrum adiktologie, Psychiatrická klinika, 1. LF UK v Praze a VFN v Praze, 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 and social care of patients after acquired spine lesions]. 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* [Case study into social expenses connected to consequences of brain injury]. Praha : Cerebrum, 2011. 68 pp. ISBN 978-80-904357-6-6.

Česká leukemická skupina – pro život

DOUBEK, Michael; MAYER, Jiří (eds.). *Postupy diagnostiky a léčby leukemií a jejich infekčních komplikací u dospělých pacientů : doporučení České leukemické skupiny – pro život (CELL)* [Diagnostic and therapeutic procedures for leukaemias and their infectious complications in adult patients: Guidelines of the Czech Leukaemia Group for Life]. S.loc. : 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 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

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 recent 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 conditions]. 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, nutrition, 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 of the field in 21st century. Papers on the occasion of the 100th anniversary of the first congress on care of the insane and subnormal education, held in Prague in 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

BARTŮNKOVÁ, Jiřina; PAULÍK, Milan et al. *Vyšetřovací metody v imunologii* [Investigation 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. Vol. 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 97880_247-3915-1.

HAINER, Vojtěch et al. *Základy klinické obezitologie* [Basic clinical obesity]. 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* [The frail 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 technologies in surgical specialties]. Praha : Grada, 2011. 262 pp. ISBN 978-80-247-3815-4.

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; BARTŮNĚK, 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 techniques]. 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

ČERNÝ, Karel et al. *Sborník prací z historie a dějin umění* [Collection of papers on history and art history]. 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 – Cell 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.

RIGOBELLO, Everlon Cid (ed.). *Hypoglycemia – Causes and Occurrences*. Rijeka : InTech, 2011. 238 pp. ISBN 978-953-307-657-7.

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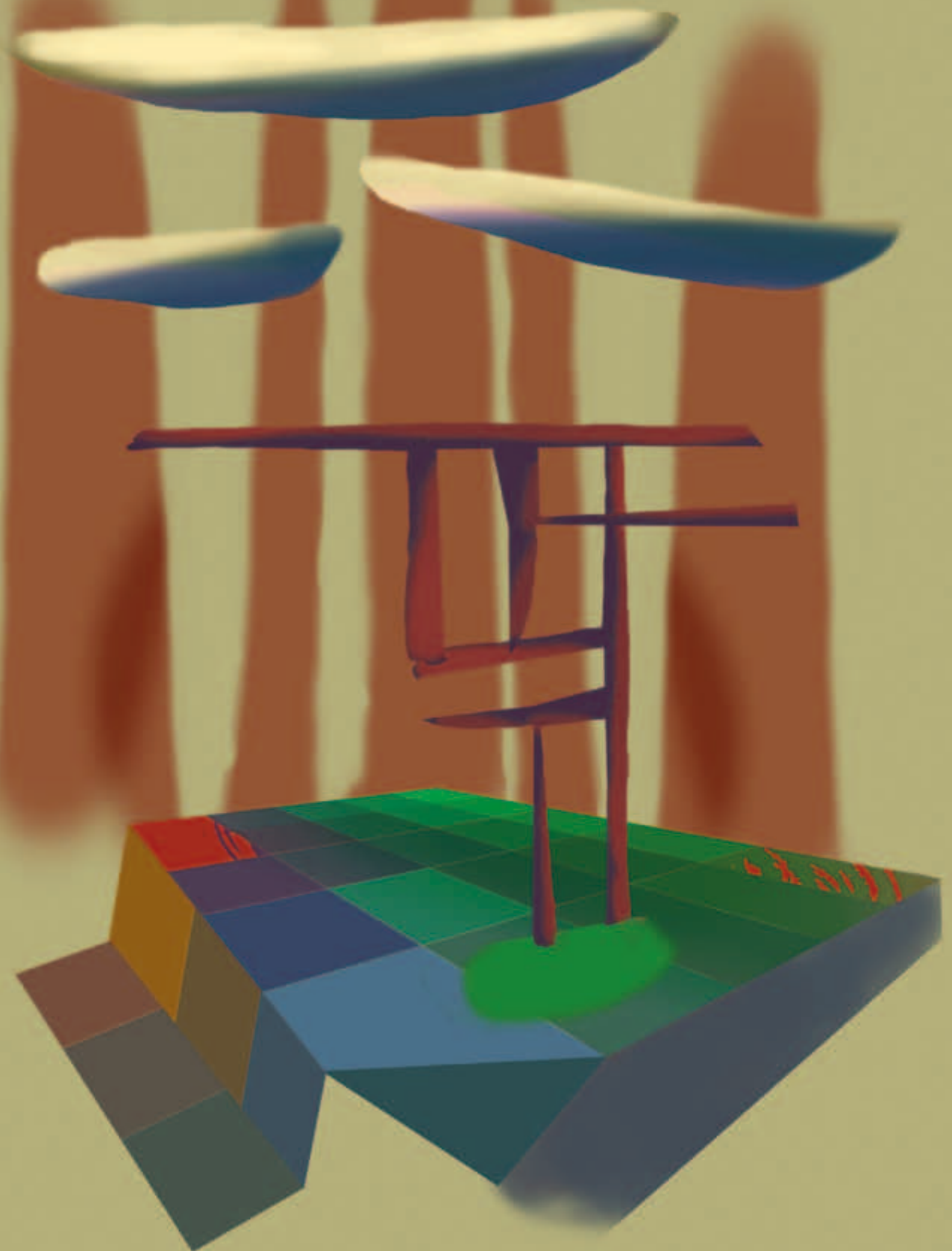


The story of the model of the Institute of Pathological Anatomy in Prague is the permanent exhibition of the model of the building at 4 U Nemocnice. This recently discovered exhibit is an accurate image of the building at that time when it housed the Institute of Pathological Anatomy. The author of the exhibition is Assoc. Prof. Ludmila Hlaváčková



At the Academic Club of the First Faculty of Medicine, the photography exhibition My wilderness by Daniel Šulc and Václav Šebek took place

INTERNATIONAL RELATIONS



INTERNATIONAL RELATIONS OF THE FIRST FACULTY OF MEDICINE

International Relations of the First Faculty of Medicine are an important part in the life of the Faculty and are based on its principles of openness and promotion of prestige. The teacher and student exchange within their studies, and particularly international co-operation in the sphere of science enrich the life of the Faculty and bring new stimuli and impulses. In 2012, spite of the difficult economic situation, international co-operation was at a high level in terms of quantity and quality. The figures for exchange programmes as well as once-only events with international participation were comparable to the past years or higher. 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. Really high is the dynamics in international contacts of particular institutes and departments and their representatives. Our partners abroad include a great number of universities and scientific institutions not only in Europe but also in the USA, Australia, Mexico, Latin America. More and more intensive gets the co-operation with Asian partners, such as Singapore. 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 further increased, which was mainly thanks to the better use of possibilities 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. In the calendar year 2012, as many as 82 bilateral contracts with partners abroad under the LLP/Erasmus programme were concluded or prolonged. Two new contracts were made with the universities in Madrid and Valladolid (Spain), and another specifically for students in Bachelor degree programmes with the University of Applied Sciences Vienna (Austria). Some of these contracts were adjusted in terms of student mobility to allow for a higher number of outgoing students.



*Prof. MUDr. Tomáš Zima, DrSc., MBA
Vice-Dean for Outward Relations and Development of the Faculty*

On the other hand, contracts were not prolonged with the universities in Copenhagen (Denmark), Krakow (Poland), Lund (Sweden), Paris XII (France), Perugia (Italy) and – for Bachelor degree study programmes – with Wroclaw (Poland) and Belfast (UK).

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 153 our students travelled abroad in 2012, which is 20 more than in the year before. The number of the incoming students was 131. Under the teacher mobility scheme of this programme, only one academic staff member travelled abroad, and one came in. Within the clerical staff exchange, 3 employees travelled for training, and one was a guest at the First Faculty of Medicine.

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 18 foreign students took individual study placements at the First Faculty of Medicine, while 4 students of the Faculty travelled for individual study placements as “free movers”. So far, 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 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.

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, 67 students were admitted, while 76 students travelled abroad. They travelled not only to European countries but also overseas. In 2012 we were able to support this exchange activity thanks to the Charles University development programme in the sphere of mobility.

At the same 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), Wellcome Trust, and other projects.

Last year, quite a number of renowned experts visited the Faculty for lectures, seminars or workshops, such as Prof. Duuffy, Prof. Duke-Cohan, Prof. Matsui and many more. The Faculty hosted several delegations of students and/or government representatives, for example the delegation of the Ministry of Health of Vietnam, interested in the system of education in the Czech Republic.

International co-operation brought quite a number of publications with a high impact factor which are result of wide international collaboration with top level institutions. 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, top-quality 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 develop this co-operation further.

*Prof. MUDr. Tomáš Žima, DrSc., MBA
Vice-Dean for Outward Relations
and Development of the Faculty*

Numbers of students who participated in the exchange stays in 2011

Programme	Outcoming students	Incoming students
Erasmus	153	131
IFMSA	76	67
Mobility fund	19	-
Lions Club	12	-
Free movers	4	18

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	76	121	69
2008–2009	81	116	93
2009–2010	85	129	89
2010–2011	85	125	90
2011–2012	85	114	89

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	Imperial College of Medicine, University of London	Great Britain
University of Sydney, Faculty of Medicine	Australia	John Innes Centre, Norwich	Great Britain
Herzchirurgie Landesklinikum St. Pölten	Austria	King´s College Hospital, London	Great Britain
Landesklinikum Thermenregion Mödling, Mödling	Austria	Royal Marsden Hospital London	Great Britain
Medical University Graz	Austria	School of Clinical Sciences and Community Health, The University of Edinburgh	Great Britain
Medical University Linz	Austria	St. George's Hospital Medicine School Univ. London	Great Britain
Medical University Vienna	Austria	The Royal London Hospital	Great Britain
University of Vienna	Austria	University College London	Great Britain
University Hospital Innsbruck	Austria	University of Cambridge	Great Britain
Institut Julese Bordet, Brussels	Belgium	University of Edinburgh, Edinburgh	Great Britain
St. Pierre Para-University Hospital	Belgium	University of Newcastle upon Tyne	Great Britain
University Hospital, Leuven	Belgium	University of Nottingham, Nottingham	Great Britain
University of Antwerpen, Antwerp University Hospital	Belgium	University of Oxford	Great Britain
University Sao Paulo	Brazil	University of Southampton	Great Britain
Université de Montreal	Canada	Western General Hospital, Edinburgh	Great Britain
University of Manitoba, Winnipeg	Canada	István-Korhász Hospital, Budapest	Hungary
University of Toronto	Canada	San Stephen Hospital, Pötöffy útca, Budapest	Hungary
University Hospital, Copenhagen	Denmark	The National Maternity Hospital, Dublin, Rotunde Hospital, Dublin	Ireland
University of Copenhagen	Denmark	Hebrew University of Jerusalem, Jerusalem	Israel
Aarhus University, Aarhus	Denmark	Hebrew University, Hadassah School of Dental Medicine Jerusalem	Israel
Hôpital Europééen Georges Pompidou, Paris	France	Medical Center Holon	Israel
Clinique St. Germain, Brive la Gaillarde	France	Catholic University St. Cross, Rome	Italy
Hôpital Cochin Paris	France	Istituto Europeo di Oncologia, Milan	Italy
Hôpital de la Croix-Rousse Université de Lyon	France	Prima Clinica, L'Mangialli Hospital Univerista Milan	Italy
Hôpital La Muette, Paris, Hôpital Sevres, Faculté de Médecine et Pharmacie L'Université de Lyon	France	Universita La Sapienza	Italy
Hôpital Lariboissière, Paris	France	University of Verona	Italy
Hôpital Necker Paris	France	University Torino	Italy
Hôpital Tenon Paris	France	Hokkaido University, Sapporo	Japan
Institut Gustave Roussy, Villejuif	France	Tokyo University of Tech.&Agr., Graduate School of Bio-Applications and Systems Engineering, Tokyo	Japan
Université Paris VI Pierre et Marie Curie, Paris	France	Cathol. Univ. Nijmegen	Netherlands
University of Grenoble	France	University Hospital Rotterdam	Netherlands
Charité - Campus Virchow, Humboldt University Berlin	Germany	University of Rotterdam	Netherlands
Johanes Gutenberg University, Mainz	Germany	Centre Medical Amsterdam	Netherlands
Max Planck Institut für Molekulare Genetik, Berlin	Germany	Ślaskie Centrum Chorób Serca, Zabrze	Poland
Teaching Hospital University of Rostock, Helios-Clinics Schwerin, Schwerin	Germany	Lekárska fakulta Komenského univerzity, Bratislava	Slovakia
Universität J. W. Goethe, Frankfurt am Main	Germany	Lekárska fakulta Univerzity J. P. Šafárika Košice	Slovakia
Universität Hamburg	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
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



At the Academic Club of the First Faculty of Medicine in Faust House, Prof. Tomáš Zima conferred the awards for winners of the 13th annual student scientific conference. Extraordinary prizes were also conferred by the sponsors – director Dr. Lubomír Houdek for Nakladatelství Galén s. r. o., sales manager Mr. Martin Kleček for Nakladatelství Grada Publishing a. s., editor-in-chief Dr. Markéta Mikšová for Zdravotnické noviny, and editor-in-chief Dr. Tomáš Novotný for Medical Tribune



The First Faculty of Medicine, together with the Union of Czech Medical Students, the General Teaching Hospital, District Police of Prague 2 and IFMSA organized the 2012 Children's Fair under the auspices of the Mayor of Prague 2

OUTWARD RELATIONS



OUTWARD RELATIONS

In the life of the First Faculty of Medicine, 2012 was a year marked with several important changes. Above all, there was the change of the management, which in turn was reflected in the sphere of outward relations and a new trend in communication with the media. The Faculty presented quite a number of successes of its particular organization units in the sphere of science, education and clinical research, organized a great many social events, press conferences, important congresses, presentations of books by authors from the First Faculty of Medicine, chat meetings, lectures, exhibitions, concerts and – in co-operation with student associations – activities for children and the youngest patients of the General Teaching Hospital. In 2012, the Faculty could again boast some finished reconstructions and renovations, the most important of which was the reface of the building of the Dean Office.

As the new Dean, Prof. Aleksi Šedo, assumed his office, a consulting team was set up for public relations and a new, even more efficient strategy was adopted in the sphere of presentation of the Faculty both in public and towards its own community. New steps were taken to promote co-operation with the media, and the concept of edition of an E-bulletin of the First Faculty of Medicine on its website was developed. It will be addressed to the academic community and beyond, readily informing about current issues and events at the Faculty. In co-operation with the General Teaching Hospital, the journal *Hospital* will be continued, and in near future it should get a new lay-out.

Special awards

In 2012, Prof. Borovanský was awarded the Prize of Creative Work for his publication on melanosomes and melanins. The prize-winning book is the world's first monograph with a special focus on melanosomes and melanins, which are essential for direction of properties and functions of subcellular particles. Prof. MUDr. Jan Borovanský, CSc. FTI, is the author of two chapters. The award ceremony was held on 4th April 2012 during the solemn assembly on the occasion of the 664th anniversary of Charles University.

On 10th December 2012, the Minister of Health, Assoc. Prof. MUDr. Leoš Heger, CSc., conferred awards for extraordinary achievements in the field of medical research and development on authors of the projects supported by the Internal Grant Agency of the Ministry of Health from public resources. A special diploma was awarded to Prof. Martin Haluzík from the First Faculty of Medicine for the project *Role of adipose tissue hormones in occurrence and development of arterial hypertension in patients with obesity* and Assoc. Prof. Tomáš Stopka from the First Faculty of Medicine for the project called *Research into pathogenesis of human leukaemias/lymphomas on manipulation of expression of oncogenous mikroRNA*.

The main award of the Anti-cancer League for a significant paper in the field of oncology was awarded to Dr. Tomáš Büchler from the Department of Oncology of the First Faculty of Medicine and Thomayer Hospital for a paper on the issues of detection of secondary tumours in out-patients observed following the treatment of a testicular tumour. In the field of oncological research, this is one of the most prestigious awards. From Mrs Josefina Napravilová's foundation, two students of the First Faculty of Medicine were awarded for their outstanding progress in studies – Dr. Jana Mojžíšová and Ms Kateřina Guhlová.

Vice-Dean Prof. Tomáš Zima together with Prof. Alois Martan, for the Scientia Foundation, conferred the award of the Scientia Foundation for the best graduates of the year to Dr. Jozef Hudcovský, Dr. Jana Mojžíšová, Dr. Zdeňka Nevrlková, Dr. Tereza Podolská, Dr. Yana Nazlan and Dr. Thilaga Rajendran, who all deserve congratulations.

The Prague Medical Report prize for young authors under 35 years of age was awarded by the journal to Martina Hůlková for her article *Placental tissue as model for pilot study focused on RNA analysis from human foetal tissue*, published in the 2nd volume of Prague Medical Report in 2011.

Important events and anniversaries

In 2012, there were a number of various special anniversaries to commemorate at the Faculty. On 27th April, the 1st Surgical Department celebrated its 130th anniversary. On this occasion, new busts created by the artist Michal Moravec were unveiled to commemorate former Heads of this Department – Prof. Otakar Kukula, Prof. Eduard Albert, Prof. Rudolf Jedlička and Prof. Karel Maydl. The present Head of 1st Surgical Department – Clinical Department of Abdominal, Thoracic Surgery and Traumatology, Prof. Zdeněk Krška, introduced the guests into the history of the clinical department and the surgical field of Czech medicine in general. One of the special guests was the emeritus Head of the Department, Prof. Baláš. The Jaroslav Ježek Musical School Choir, composed of visually impaired pupils, performed on this occasion.

Another interesting event was the exhibition called *The story of the model of the Institute of Pathological Anatomy in Prague*. At the premises of the former Institute of Pathological Anatomy of the German medical faculty in Prague, a rare model of the building at 4 U Nemocnice was preserved, commissioned for the World Exhibition in London 1861. Eventually, the model was not sent to the London exhibition. Now the records documenting the fates of this curious object have been found in the National Archives; thanks to the emeritus Head of the Institute of Scientific Information, Dr. Alena Malečková, and her successor Dr. Hana Skálová, this model was professionally restored by Mr. Antonín Hruška in 2010 and subsequently exhibited for public. According to the director of the Museum of Architecture and Structural Engineering (part of the National Museum of Technology) Dr. M. Ebel, this functional model of the building of the Institute of Pathological Anatomy is a unique exhibit in this category, as models are usually made before the construction rather than after, and so they do not usually give so detailed image of the inside of the building.

On Wednesday 30th May, an ecumenical requiem mass took place in the Holy Trinity church at Podskalí 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. Prof. Karel Smetana, the Head of the Institute of Anatomy, introduced this event with a speech, and students of the First Faculty of Medicine added a few words as well. The ensemble Harmonia Mozartiana Pragensis played music at the mass in honour of the deceased.

On the occasion of personal jubilees and for special merits in development of the University, the Rector of Charles University, to the proposal by the Dean of the First Faculty of Medicine, awarded

memorial silver medals to Prof. MUDr. Přemysl Strejc, DrSc.; Prof. MUDr. Luboš Petruželka, CSc.; and Prof. Sir Ravinder Maini, FRS.

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. František Antoš, His Eminence cardinal Dominik Duka, Prof. Aleš Linhart, Prof. Alois Martan, Prof. Kyra Michalová, Assoc. Prof. Jiří Neuwirth, Prof. Evžen Růžička, Prof. Karel Smetana, Assoc. Prof. Olga Švestková, Assoc. Prof. Radana Neuwirtová, Assoc. Prof. Martin Vokurka, Prof. Jana Dušková, Prof. Pavel Martásek, Assoc. Prof. Miroslav Peterka, Assoc. Prof. Alice Baxová, Assoc. Prof. Eva Růžičková, Assoc. Prof. Jiří Pašta.

The Faculty diplomas of honour were awarded to Dr. Miroslava Hakošová, Assoc. Prof. Jaroslav Čermák, His Eminence cardinal Dominik Duka, Assoc. Prof. Jaroslava Dušková, Assoc. Prof. Miloš Dvořák, Prof. Pavel Chalupa, Dr. Dana Jurásková, Prof. Ivan Míšek, Assoc. Prof. Jan Pecha, Prof. Richard Plavka, Prof. Ludmila Prokešová, Prof. Julius Špičák, Mrs. Vladěna Topičová, Prof. Josef Vymazal, Assoc. Prof. Roman Zazula, Assoc. Prof. Zuzana Zemanová, Prof. Tomáš Zima, Assoc. Prof. Jaroslav Zvěřina.

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: Prof. Evžen Čech, Prof. Jaromír Hradec, Prof. Pavel Klener, Prof. Václav Pačes, Prof. Pavel Petrovický, Prof. Luboš Petruželka, Prof. Přemysl Strejc, Prof. Miroslav Zeman, Prof. Eduard Zvěřina, Assoc. Prof. Miroslav Špunda, Prof. Štěpán Svačina, Prof. Blanka Říhová, Assoc. Prof. Jan Šváb.

Social events

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 2012 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 the General Teaching Hospital, and to 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.

In 2012, the Faculty also took an active role in national and international events such as Open Days of the University, the fair of higher and life-long education Gaudeamus, and the Week of Science and Technology 2012, which took place between 1st and 15th November. At the Academic Club, four “cafés” took place on this occasion, whose topics were *Travellers and their role in discovery of the world*; *Law in picture and stone*; *Slate gas drilling and hydrolysis*; and *What are Purkinje fibres in the heart good for?*

In 2012, the third 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 strojírna a. s.

The key partner for the First Faculty of Medicine has traditionally been the General Teaching Hospital. The Faculty also co-operated with some other partners, such as other faculties of Charles University, the press department of the University, other teaching hospitals, other universities, colleges and secondary schools, Czech Medical Academy, Czech J. E. Purkinje Medical Society, other professional organizations, and last but not least scientific and

professional associations, research institutes, government institutions in the provinces of Ministry of Health and Ministry of Education, Youth and Sport, authorities of the city of Prague, and other institutions promoting the progress of human knowledge in medicine, improving the quality of university education in the Czech Republic 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, the Student Fair held traditionally by the Charles University Student Union with support from the University, and some other events in the area of Karlov and Albertov as well as some other sites within the district. Our Faculty’s idea of the organizing these events has proved worthy and more institutions join the organizers every year. However, it is their growing popularity that is the most important thing.

In 2012, a lot promotional materials about the Faculty were issued, such as the Annual Report, internal regulations of the Faculty, book of proceedings of the 13th Student Scientific Conference, a special pictorial calendar of the Faculty for 2013, memorial prints for the alumni and a large number of other prints and publicity materials in both Czech and English, and various goodwill gifts.

The Academic Club in Faust House

The Faculty really appreciates the chance to use the premises in the Faust House at Charles Square not only for teaching but also for events held in the Academic Club of the First Faculty of Medicine of Charles University. During the 17 years of its existence, the Academic Club has become a popular venue in medical profession as well as lay public. It has hosted a vast number of press conferences, lectures, workshops, first aid classes, exhibitions, concerts, presentations of books and other social assemblies. The idea of the Faculty management is that the Academic Club may be frequented by students and academic staff of the Faculty above all, and it is pleasing to see that it is mainly used by students of the First Faculty of Medicine, Union of Czech Medical Students, IFMSA and those who organize events for the incoming students in the ERASMUS programme.

Last year, the Academic Club of the First Faculty of Medicine also provided accommodation for some activities of the General Teaching Hospital, Czech Medical Academy, Jonáš Club, and other non-profitmaking professional organizations and charities. 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 Prof. Jiří Tichý.

Press conferences

In 2012 again, the Academic Club was the venue for press conferences on most varied hot topics, introduced by prominent experts from various units of the First Faculty of Medicine, who let the journalists know about a variety of novelties of different fields of their scientific, educational and clinical work.

Perhaps the most interesting press conferences were those on the occasion of the 3rd Prague Interdisciplinary Colloquium; on the occasion of launching the new unique project of active and safe life Seniorinspect; on the occasion of the World Kidney Day and the World Sleep Day; on the occasion of opening of the new clinical Department of Addictology; on the occasion of launching the new endoscopy simulator centre at the 4th Medical Department; or on opening of the Biological Material Bank of the First Faculty of Medicine and General Teaching Hospital. Further, at a special

press conference, the journalists got the chance to meet the new Dean of the Faculty, Prof. Aleksi Šedo. Altogether, there were nearly 20 press conferences, some of them organized in co-operation with the General Teaching Hospital, the Anti-cancer League, Academy of Sciences of the Czech Republic, Czech J. E. Purkinje Medical Society, 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 been widely accepted as an informal place for the representatives of the media to get informed about recent happenings and novelties of medical science and education.

Chair for Faust

The Academic Club of the First Faculty of Medicine of Charles University in the Faust House enjoys stable interest from the visitors, coming from medical profession as well as lay public. Since 2000, live interviews called "Chair for Faust" have been taking place here, with interesting personalities from the spheres of science, politics and culture, invited by the Faculty. In 2012 thirteen prominent personalities of Czech and world science and also some other famous people beyond the medical profession who are special to the First Faculty of Medicine accepted the invitation to be interviewed in "Chair for Faust". So the visitors to the club were able to meet Prof. Jan Borovanský, His Eminence cardinal Dominik Duka, Prof. Pavel Dungal, Prof. Jaromír Hradec, Prof. František Adam Janouch, Prof. Viktor Kožich, Prof. Jaroslav Lindner, Prof. Michal Miovský, Prof. Luboš Petrzelka, Prof. Jan Royt, Assoc. Prof. Jan Šváb and Assoc. Prof. Petra Tesařová.

Exhibitions

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 2012, the inhabitants of the Special Routine Home in Terezín in co-operation with the First Faculty of Medicine organized an exhibition of their pictures and other artefacts called *Colours of life in another aspect*. Then the Academic Club introduced the exhibition of photographs by Ivan Polák called *Specula 2012*; and the exhibition *Brontosaurus in the Himalaya*, composed of photos made by members of the Brontosaurus Movement who visited Ladakh in the past six years. An event that attracted wide and keen attention was the exhibition *Václav Havel through Oldřich Škácba's camera* and the photography exhibition *My wilderness* by Daniel Šulc and Václav Šebek. The air of Christmas came with the exhibition of pastel and acryl paintings *Walks in the landscape* by Mrs. Jana Borovanská, a member of the group PAV, composed of amateurs artists of Prague. The interest of the public in some exhibitions was so keen that the Faculty management eventually decided to extend them.

Presentations of books

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 First Faculty of Medicine were introduced in the course of the year. The books published in 2012 included *Rozespaljý poštmistr čas*

[Drowsy postmaster Time] by Helena Wernischová, published at Torst, s.r.o., *Zdravotní benefity pohybových aktivit – monitorování, intervence, evaluace* [Health benefits of exercise: monitoring, intervention, evaluation] by Jan Hendl, Lubomír Dobrý et al., published at Karolinum, *Zdraví a přírodní podmínky – geologie a medicína* [Health and environment: Medicine and Geology] by Vladimír Bencko, Jaroslav Novák, Miloš Suk and ten other co-authors specialized in natural science, medicine and chemistry, published at Dolin, s. r. o. Books that arouse keen interest among newcomer students were, above all, *Obecná patologie* [General pathology] and *Speciální patologie* [Special pathology] by Ctibor Povýšil, Ivo Šteiner et al., published at Galén, s.r.o., publication *Biologická léčiva – Teoretické základy a klinická praxe* [Biological medications: Theoretical basis and clinical practice], published at Grada Publishing, a. s. The team of authors Ctirad John, Štěpán Svačina, František Houdek introduced the book *O duši lékaře* [On the physician's soul], which is a sequel to *O duši medika* [On the medic's soul], both published at the publishing house Triton s.r.o. At the turn of 2013, another new publication was introduced, called *Revizní operace totálních náhrad kyčelního kloubu* [Revision surgeries of total replacements of the hip joint], published by the authors Ivan Landor, Pavel Vavřík, Jiří Gallo and Antonín Sosna at the MAXDORF publishing house in the specialized series Jessenius; the new book by Štěpán Svačina et al., published at Triton with the title *Dietologie pro lékaře, farmaceuty, zdravotní sestry a nutriční terapeuty* [Dietology for physicians, pharmacists, nurses and nutritional therapists]; and textbooks translated from English, such as *Histology* by Renate Lüllmann-Rauch and *Langmanov's medical embryology* by Thomas W. Sadler, or into English, like *Regional Anatomy* by Josef Stingl, Miloš Grim and Rastislav Druga. These were published at Galén, s. r. o. and Grada Publishing, a.s. At the formal party of Heads of organization units before Christmas, another two publications were presented. *Historický vývoj území Albertova a vysokoškolského areálu v Praze 2* [Historical development of the area of Albertov and the college precinct in Prague 2] by Matouš Houba, published at Karolinum, is a book that is special for the First Faculty of Medicine for specific facts of history it presents. At the same time, the 11th volume of *Křeslo pro Fausta* [Chair for Faust] was presented, a book of interviews about medicine and life, published at Galén, s.r.o., and sponsored by IBI, s.r.o.

Concerts

More and more popular are the concerts that the Faculty organizes in churches in the Albertov and Karlov area. In 2012, again, there were two concerts of the cycle *The faculty in the heart of Karlov*. The spring concert, the 15th in total, took place in the St. Stephen church in Štěpánská street, featuring *Cantata* by Johann Sebastian Bach and other compositions. The 16th concert before Christmas took place in the church of the Holy Virgin and St. Charles the Great at Karlov. The music that sounded in the church was the *Czech Christmas Mass* by Jan Jakub Ryba and *Hymni Adventuales* by Peter Koronthaly. Both concerts were given by Piccolo coro & Piccola orchestra, directed by Mr. Marek Valášek.

Prof. MUDr. Tomáš Zima, DrSc., MBA
Vice-Dean for Outward Relations
and Development of the Faculty

JOURNALS AT THE FIRST FACULTY OF MEDICINE

In 2012, 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, 93 texts were submitted, of which 43 were rejected and 28 accepted to be published. Compared to the 2011, the impact factor remarkably increased to 1.15. These figures testify that the journal ranks among the most influential periodicals on cell and molecular biology, immunology and molecular medicine 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.

This periodical can be characterized as a clinical multidisciplinary journal, which makes it attractive for clinically focused authors above all. The editors received 54 texts, of which 15 so far were accepted for publication and 19 rejected. The journal prize was awarded to the article M. Hulková et al.: *Placental tissue as model for pilot study focused on RNA analysis from human*.

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.

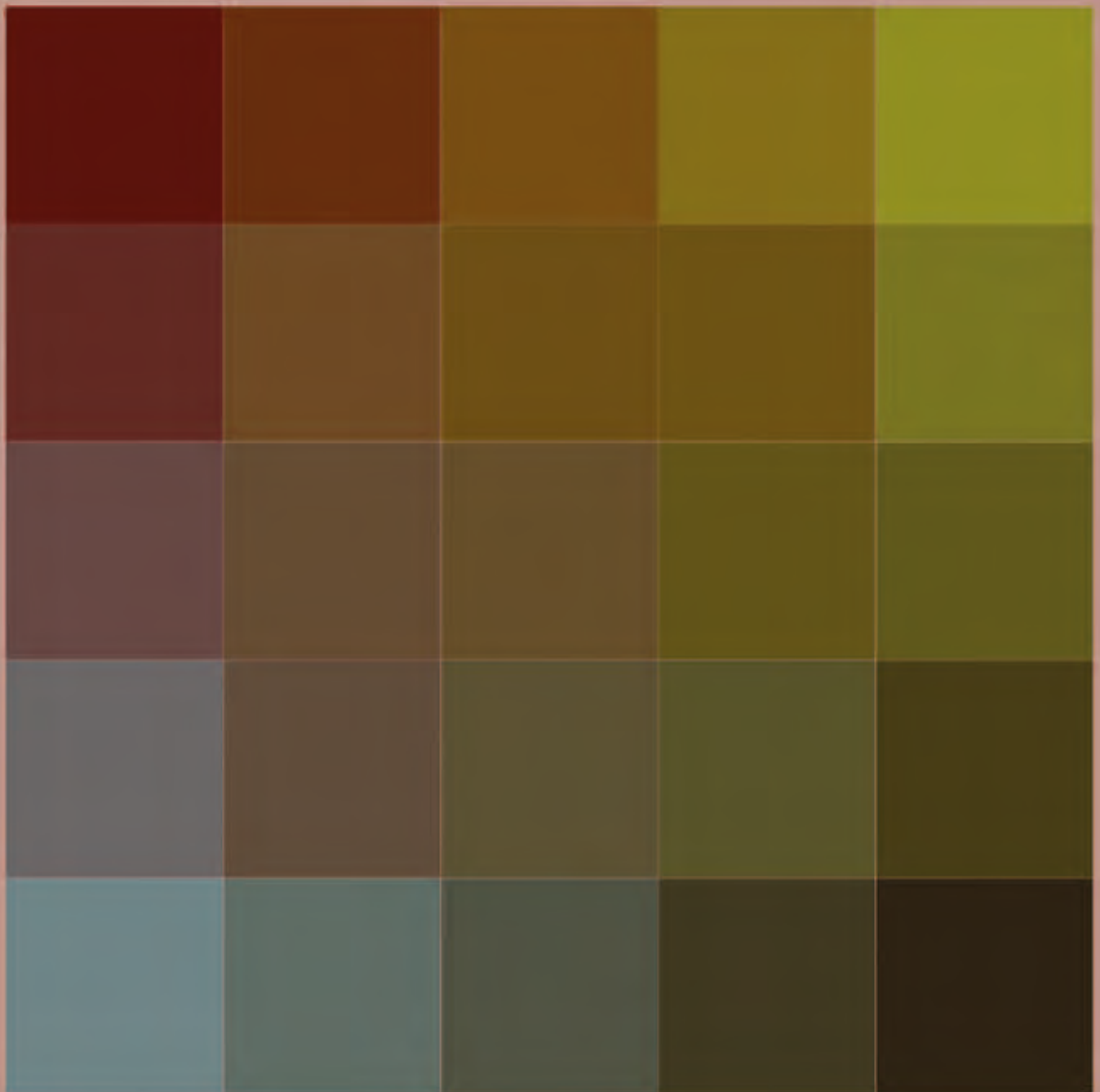
*Prof. MUDr. Karel Smetana, DrSc.
 member of Dean's Office Board of the Faculty*



Walks in the landscape was the name of an exhibition of pastel and acryl paintings by Mrs. Jana Borovanská, a member of the group PAV, composed of amateurs artists of Prague, which was frequented by public in Faust House



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 2012, 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

Tel +420 226 220 010 | Fax +420 226 220 012
E-mail info@pkf-cz.com | www.pkf-cz.com
PKF Audit s.r.o. | Karlova 48 | 110 00 Praha 1
Zapsaná Městským soudem v Praze, oddíl C, vložka 153437, IČ 28924011

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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 2012, and of its financial performance for the year then ended in accordance with Czech accounting regulations.

Prague, 3rd May, 2013



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

Tel +420 226 220 010 | Fax +420 226 220 012
E-mail info@pkf-cz.com | www.pkf-cz.com
PKF Audit s.r.o. | Karlova 48 | 110 00 Praha 1
Zapsaná Městským soudem v Praze, oddíl C, vložka 153437, IČ 28924011

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The First Faculty of Medicine of Charles University in Prague
Balance sheet
(in CZK)
For The Year Ended December 31, 2012

Indicat.	ASSETS	Line no.	Current accounting period	Previous accounting period
			Net	Net
	TOTAL ASSETS (l. 02 + 30)	001	1 740 643 004	1 688 038 229
A.	Fixed assets (l. 03 + 12 + 22)	002	1 357 317 827	1 353 630 953
A. I.	Intangible fixed assets (l. 04 to 11)	003	32 299 718	31 219 700
A. I. 1.	Incorporation expenses	004		
	2. Research and development	005		
	3. Software	006	26 396 163	27 257 027
	4. Valuable rights	007		
	5. Low value intangible assets	008	3 208 626	3 267 744
	6. Other intangible fixed assets	009	694 929	694 929
	7. Intangible fixed assets under construction	010		
	8. Advance payments for intangible fixed assets	011		
A. II	Tangible fixed assets (l. 13 to 21)	012	2 513 663 628	2 410 354 208
A. II. 1.	Works of art	013	1 480 943	1 421 558
	2. Constructions	014	1 327 523 196	1 295 683 617
	3. Separate movable items and sets of movable items	015	1 105 591 205	1 052 158 277
	4. Perennial crops	016		
	5. Breeding and draught animals	017		
	6. Low value tangible fixed assets	018	47 135 079	50 780 285
	7. Tangible fixed assets under construction	019	31 786 653	10 163 919
	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	-1 188 645 719	-1 087 942 955
A. IV. 1.	Accumulated depreciation - software	023	-25 292 839	-22 293 659
	2. Accumulated depreciation - low value intangible assets	024	-3 208 626	-3 267 744
	3. Accumulated depreciation - other intangible assets	025	-601 696	-560 258
	4. Accumulated depreciation - buildings	026	-341 569 903	-312 257 154
	5. Accumulated depreciation - equipment	027	-770 691 024	-698 637 303
	6. Accumulated depreciation - low value tangible assets	028	-47 135 079	-50 780 285
	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 (I. 31 + 38 + 48 + 53)	030	383 325 377	334 407 276
B. I.	Inventory (I. 32 to 37)	031	1 813 590	1 741 097
B. I. 1.	1. Material	032	1 811 055	1 741 097
	2. Work-in-progress and semi-products	033	2 535	0
	3. Finished products	034		
	4. Animals	035		
	5. Merchandise	036		
	6. Advance payments for inventory	037		
B. II.	Receivables (I. 39 to 47)	038	17 409 464	24 456 724
B. II. 1.	1. Trade receivables	039	1 081 867	546 055
	2. Other receivables	040	81 869	198 365
	3. Receivables - substantial influence	041		
	4. Receivables - employees	042	337 215	180 117
	5. Social security and health insurance	043		
	6. Value added tax	044	116 716	198 509
	7. Short-term deposit given	045	5 374 127	12 396 890
	8. Estimated receivables	046	122 952	0
	9. Other receivables from partners	047	10 294 718	10 936 789
B. III.	Short-term financial assets (I. 49 to 52)	048	360 991 259	304 466 561
B. III. 1.	1. Cash and valuables	049	564 734	375 844
	2. Bank accounts	050	360 326 525	304 090 717
	3. Cash in transit	051		
	4. Short-term financial assets acquired	052		
B. IV.	Accruals (I. 54 to 56)	053	3 211 064	3 742 893
B. IV. 1.	1. Deferred expenses	054	3 076 375	3 711 925
	2. Complex deferred costs	055	21 782	
	3. Exchange rate differences	056	112 907	30 968



Indicat	TEXT	Line no.	Current accounting period	Previous accounting period
	TOTAL LIABILITIES (j. 50 + 67) + l. 001	057	1 739 834 713	1 688 038 227
A	Capital and reserves (l. 50 + 63)	058	1 604 950 452	1 454 151 233
A. I.	Total equity (l. 60 to 62)	059	1 504 433 043	1 452 648 726
A. I. 1.	Equity	060	1 359 540 789	1 355 854 115
2.	Funds	061	144 892 254	96 794 611
3.	Differences from revaluation of assets	062		
A. II.	Profit / loss account (l. 64 to 66)	063	517 409	1 602 507
A. II. 1.	Profit/loss of current period (+/-)	064	-529 248	503 526
2.	Profit/loss of current period (+/-) in approval	065	0	0
3.	Accumulated losses/profit from previous years	066	1 909 235	1 861 559
4.	Intercompany profit/loss account	066	-862 578	-862 578
B	Other sources (l. 68 + 73 + 84 + 94)	067	234 884 261	233 886 994
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 97)	084	80 879 020	90 726 502
B. III. 1	Trade payables	085	2 617 037	2 814 583
2	Payables - controlled and managed organisation	086		
3	Payables from partners	087	-1 244 230	-3 363 849
4	Payables - employees	088	32 551 167	37 204 087
5	Social security and health insurance payable	089	18 174 848	21 254 616
6	Payables - state	090	34 648 062	37 557 510
7	Payables - local government authority	091	108 852	-845 295
8	Short-term deposits received	092	142 367	217 184
9	Estimated payables	093	-13 182 615	-7 744 564
10.	Other payables	094	7 063 532	3 632 230
B. IV	Accruals (l 95 to 97)	095	154 005 241	143 160 492
B. IV. 1	Accrued expenses	096		
2	Deferred revenues	097	153 800 805	142 413 081
3	Exchange rate differences	098	104 436	747 411



The First Faculty of Medicine of Charles University in Prague
Profit And Loss Statement
 (in CZK)
 For The Year Ended December 31, 2012

Expenses	Line no	activity		total
		head	economic	
Consumption of material (501)	002	91 666 442	1 572 780	93 239 222
Consumption of energy (502)	003	33 286 515	0	33 286 515
Consumption of other non-stockable supplies (503)	004	0	0	0
Cost of merchandise sold (504)	005	0	0	0
Total services	006	124 962 957	1 572 780	126 526 737
Maintenance (511)	007	53 399 980	148 877	53 548 857
Travel expenses (512)	008	12 297 792	16 430	12 313 222
Representation cost (513)	009	1 496 430	208 725	1 705 154
Other outside services used (518)	010	41 757 286	1 668 461	43 425 747
Wages and salaries (521)	012	463 065 957	2 527 419	465 593 376
Statutory social security expenses (524)	013	151 408 383	462 341	151 870 724
Other social security expenses (525)	014	0	0	0
Legal social expenses (527)	015	8 915 147	0	8 915 147
Other social expenses (528)	016	7 101 745	0	7 101 745
Road tax (531)	018	12 515	0	12 515
Property tax (532)	019		5 893	5 893
Other taxes and fees (538)	020	5 348		5 348
Total other services	021	739 460 583	5 037 146	744 497 728
Contractual fines and penalties (541)	022	0	0	0
Other penalties (542)	023	0	22 655	22 655
write-off of uncollectibles (543)	024	93 001		93 001
Interest (544)	025			0
Exchange rate losses (545)	026	1 231 614	30 835,41	1 262 450
Gifts (546)	027			0
shortages and losses (548)	028	101 051		101 051
Other expenses (549)	029	94 479 661	3 987 201	98 466 861
Total amortization	030	95 905 327	4 040 691	99 946 018
Amortization of intangible and depreciation of tangible assets (551)	031	124 823 920	0	124 823 920
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	242 911	242 911
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	1 085 142 786	10 893 528	1 096 036 314
Internal expenses	042	2 535 521	323 278	2 858 799
Total expenses incl. Internal expenses	042	1 087 678 307	11 216 806	1 098 895 113

Revenues	Line no	activity		total
		head	economic	
Total Revenues from own production and services	043	203 886 154	14 181 303	218 066 457
Revenues from own products (601)	044			
Revenues from rendering services (602)	045	203 886 154	14 181 303	218 066 457
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	057	170 896 920	2 825 841	173 721 760
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	3 108 128	2 002 981	5 111 109
Exchange rate profits (645)	062	2 421 334	21 112	2 442 446
Clearing of equity accounts (648)	063	27 519 265	0	27 519 265
Other revenues (649)	064	137 847 193	801 747	138 648 940
Total revenues from sale	065	1 008 758	1 361 524	2 370 282
Revenues from sale of tangible and intangible assets (652)	066	1 004 530,00		1 004 530,00
Revenues from sale of securities and deposits (653)	067			
Revenues from sale of raw materials (654)	068	4 228	1 361 524	1 365 752
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	700 485 989	0	700 485 989
Operating grants (691)	078	700 485 989	0	700 485 989
Total revenues	079	1 076 275 821	18 368 667	1 094 644 488
Internal revenues	079	3 604 593	925 076	4 529 669
Total revenues incl. internal revenues	079	1 079 880 413	19 293 743	1 099 174 157

Net income/loss before taxation	080	-7 797 894	8 076 937	276 043
Income tax - current year	081	0	0	0
Net income/loss after taxation	082	-7 797 894	8 076 937	279 043





Assoc. Prof. Petra Tesařová, a prominent personality in the field of oncology, accepted the invitation to Chair for Faust

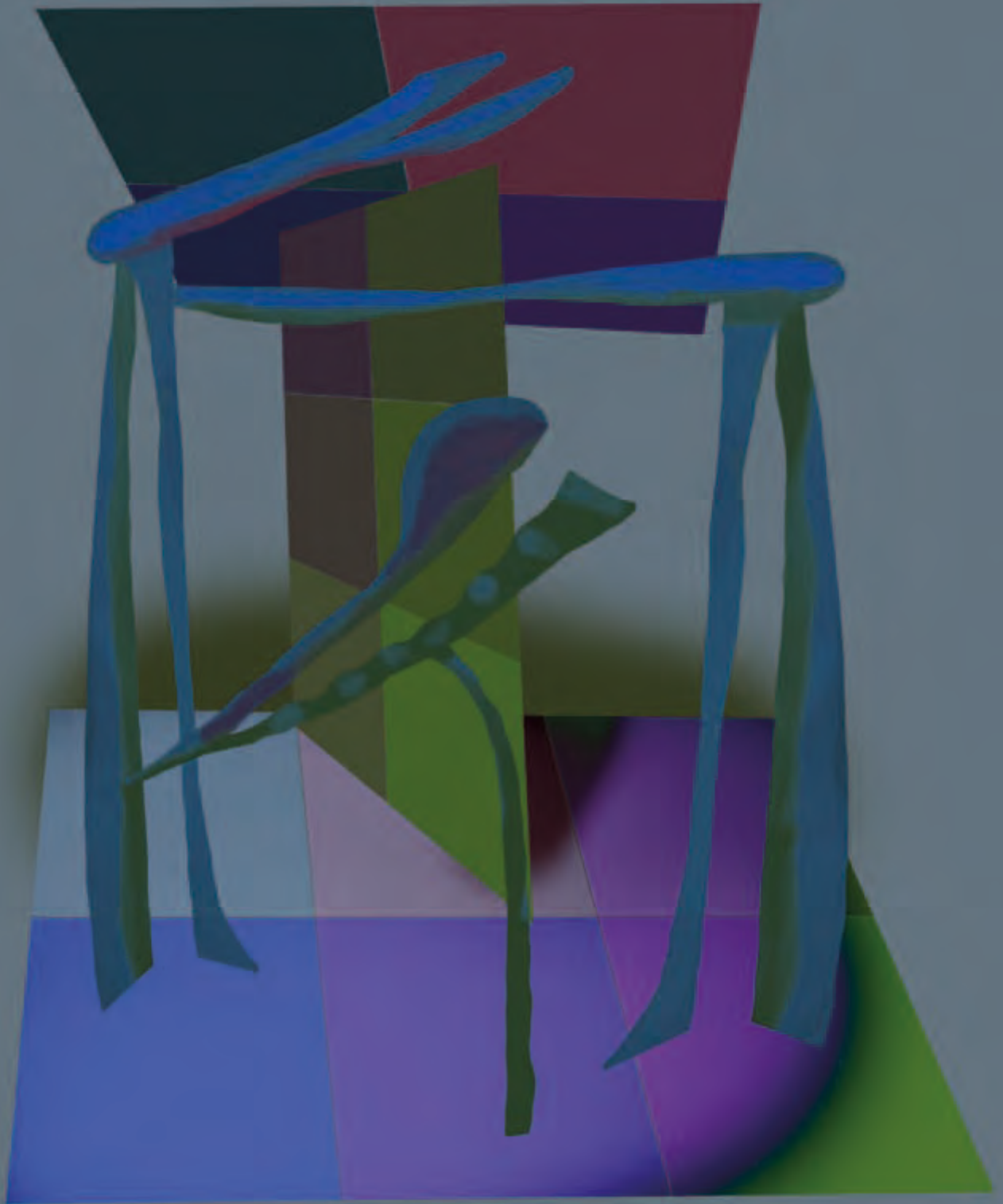


At the Academic Club in Faust House, two new publications were presented – General pathology and Special pathology, both written by Ctibor Pouýšil, Ivo Šteiner et al. and published at Galén, s. r. o.

ATTACHMENTS



STUDENTS' ACTIVITIES



UNION OF CZECH MEDICAL STUDENTS

Last year, 2012, the Union of Czech Medical Students enjoyed a period of real stability. 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 21st November 2012, an incredible number of 1,342 members were registered at the Faculty, which again means more members than the year before. 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. Interestingly, however, while the number of registered members increased, we noticed that the number of active members who take active part in the Union activities decreased. For this reason we decided to limit our activities concerning co-operation beyond the Faculty to improve the operation of the Union in itself and co-operation within the Faculty. One pleasing factor is the growing interest from students of non-medical programmes at the Faculty.

THE NEWS OF THE YEAR IN 2012

The Union's premises in Faust House

In 2012 we carried on finishing our premises and their refurbishing, although these changes were less conspicuous than those the year before. Thanks to the support from the Dean, Prof. Tomáš Zima, our club room received a new projector and screen. This equipment can also be shared by IFMSA CZ of the First Faculty of Medicine and the Association of Students of Stomatology of the Czech Republic. On the Union's own money, a flipchart was purchased, mainly used in our meetings, and a binder for students to complete their sets of exam questions. This device is not too large, but a bit difficult to operate for some people, so we have not advertised this service yet. Then, a fitted cupboard was ordered to fill in the niche in our club room in December.

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. Since October 2012, the Union of Czech Medical Students has had an own representative in the Union's council.

We also promoted such events as the Student Fair, Miss Charles University competition and Ice-hockey Battle 2012, which are organized or supported by the Students' Union of Charles University. The Union of Czech Medical Students took an active part in Student Fair 2012, a promotional event of student associations at Albertov.

Sale of the Faculty souvenirs

The Union of Czech Medical Students goes on selling the Faculty souvenirs. This year, a brand collection of men's and women's T-shirts with the logo of the First Faculty of Medicine is available. These come in several colours and in all sizes. We also sell white T-shirts with collars, which were in great demand in the years before. Also available are mugs with the logo of the Faculty, and

pens with the logo of the Union of Czech Medical Students. For a couple of years, we have co-operated in the sale of souvenirs with the 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 have been running two web pages: our own site of Union of Czech Medical Students, and the site of the Erasmus Students' Office in English language. We have more than 1,333 fans at the Union website, and new ones are coming every day. The increase, compared to the last year, was more than 500! We intend to use Facebook as much as possible as we find it most effective in communication with the younger generation. In the age group of freshman medics, an overwhelming majority use this medium, and so our aim is to develop our Facebook community even more in future. We have already started the development, including more frequent updates. Also, we run a section at both official and unofficial web pages of the Faculty. But the development of internet does not mean abandoning the classical forms of communication, such as the noticeboard at the Department of Students' Affairs, where a permanent presentation has been displayed for the Union of Czech Medical Students and IFMSA, an association using our premises and sharing a lot of activities with us. Since October 2012, we have been co-operating with the Meditorial company, whose programmers and artists work on the design of our new own web pages. The web address <http://www.spolekmedikuceskych.cz/> has already been registered, and shortly it will display the permanent presentation of the Union of Czech Medical Students. The address is registered as the Union's site, while the server will be provided by Meditorial. The contents of the pages will be all in our hands.

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 in the summer semester took place in the Union's rooms, and for those coming in the winter semester it took place in the Academic Club of the First Faculty of Medicine. 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. Nicolaus 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 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 2012 we tried to maintain the last year's 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 Union of Czech Medical Students invited members of the Student Chamber of the Faculty of Natural Science to our 2012 Picnic in St. Catherine Garden. This event was a real success and students of both faculties enjoyed it very much.

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.

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 choice out of the ten applicants should have taken place in early March, when Prof. Schweizer arrived at the Union of Czech Medical Students to choose. Eventually, he took all the applicants, although at first he had only considered four placements. The prerequisites were a very good command of German language, a motivation letter in German, and an interview in German. Throughout the placement, the students got free meals and accommodation and received a bursary amounting to EUR 400 per month.

From the Raabe publishing house we received the donation of books, worth about 1,000 Czech crowns, and one student contributed with a set of exam questions, which are available to other students in our club room.

Prof. Schweizer also donated the three-volume publication *Harrison's Innere Medizin a Siegenthaler's Differenzialdiagnose* to acknowledge our co-operation.

OTHER UNION PROJECTS

Textbook exchange

On 8th October 2012 for the fifth time, the annual students' textbook exchange took place in the Academic Club. Also publishing houses that offer literature on medical topics in the Czech market participated, 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 2012 only one donor session took place – on 16th April 2012. Although only one session took place, in the second half of the year the Drop of Blood became part of the project Student Blood. On 21st November 2012, a common lecture on blood donation for students of the First Faculty of Medicine, the Faculty of Natural Science and the Faculty of Mathematics and Physics took place in the Great Meeting Room of the Dean Office at our Faculty under the auspices of the Union of Czech Medical Students. Regrettably, 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. Naturally, the Union premises in Faust House, which we are really proud of, were open for visitors.

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 124th ball as well. And at the moment we are distributing special tickets for the 125th ball! In early 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. We have used this system for three years, and thanks to the system there haven't been any complaints concerning the reservations for two years.

Star Rave-up is a traditional party at the Hvězda ("Star") club. This time there were two of them as usual, and again smoking was banned completely. The events took place on 2nd April 2012 and 22nd October 2012. 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 29th in line.

1+6 Medic Party, an event where prospective alumni meet the freshmen, took place on 12th December 2012, this time in the P. M. Club. When promoted on the Facebook, this event received very positive response.

Anatomical Welcome Party took place in the yard of the Institute of Anatomy on 10th October 2012. Now, we have to admit some faults in organizing this event. If we ever repeat this party in future, we'll certainly play some quieter and more pleasant music, and prepare some other kind of programme. Another problem was the weather, which does not behave as a friend of ours when we have an open-air event. Most demanding to organize was the winter party.

2012 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 2012! This time, on the 2nd May, the weather was more or less sunny but with about 30 minutes of rain, perhaps just not to break with tradition. Thanks to the sun – and co-operation with SKAS of the Faculty of Natural Science – had a great response among the students.

Sports tournament this year was about squash. On 16th May, on the Rector Sports Day, the Faculty squash tournament took place, supported by the Dean Office.

Jirka Beneš' concert of pleasant folk music took place in the rooms of the Union of Czech Medical Students again this year, for the third time altogether.

Projects for children

The 2012 Children's Day was one of the very popular events for children that the Union of Czech Medical Students helps to organize every year.

On the 2012 St. Nicholas Eve we, like in the past twelve years, visited the wards of the General Teaching Hospital and Thomayer 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 chil-

dren 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.

**Executive of the Union of Czech Medical Students by
21st November 2012**

Chairman: Jiří Kohout

Vice-chair: Dagmar Kozlová

Members: Petr Kohut
Václav Pěkný
Monika Hošková
Zbyněk Vávra
Lenka Dibusová
Adéla Fiřarská
Stanislav Smutný

Jiří Kohout

*Chairman of the Union of Czech Medical Students
executive board*



The new publication Biological medications: Theoretical basis and clinical practice, published at Grada Publishing a. s., was introduced at the Academic Club of the First Faculty of Medicine

ACTIVITY OF THE LOCAL BRANCH OF IFMSA

Activities of IFMSA at the local level can be simply divided into two sections – international placements, and projects. Particularly the projects are often forgotten, although they provide space where students can – even before starting their career in clinical practice – see the public and work on promotion of information for specific target groups. Another priceless experience is the chance to train organizing skills, which every student participating in co-ordination of a project gains and can further utilize in practically all spheres of their own professional career.

Students' placements abroad in the academic years 2011–2012 and 2012–2013

Committees concerned with clinical and research placements – the Standing Committee on Professional Exchange (SCOPE) and Standing Committee on Research Exchange (SCORE) – have been the base of IFMSA since its origin in 1951. With more than 10,000 students participating every year and coming from about 80 countries of the world, and with more than 1,000 medical schools these are the biggest programmes of its kind in the world.

In the academic year 2011–2012, 76 students of our Faculty travelled abroad for fellowships – 59 out of the number went for clinical placements and another 13 for research placements in nearly 30 countries (Brazil, Bulgaria, Catalonia (autonomous region of Spain, with an own IFMSA organization), 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).

On 4th and 5th May 2012, pre-exchange training and pre-departure training was organized for students going to a research placement in order to provide them with the basics of scientific activity and other skills. The lecturers were Dr. Martin Vejražka, Dr. Emil Pavlík and Dr. Miriam Schejbalová.

On 6th November 2012, competition for placements abroad for the academic year 2012–2013 took place in lecture halls of the Institute of Pathology and Institute of Pharmacology, again in the form of English language test. Nearly 250 students turned up for the testing. On the same date, six other medical faculties were doing this national test. Thanks to such co-ordination, the testing became more transparent, and the prestige of IFMSA increased.

The number of incoming students at the Faculty in the academic year 2011–2012 was 72. Most of them came from Brazil (12), Mexico (7), Egypt (6), and also from Macedonia, Israel, Oman, Peru, Chile, China, etc. They were received at clinical departments of the following hospitals:

Central Army Hospital

- Medical Department
- Department of Neurosurgery

Bulovka Hospital

- Surgical Department
- Department of Plastic Surgery

Motol Teaching Hospital

- Department of ENT and Head & Neck Surgery

General Teaching Hospital in Prague

- Department of Dermatology and Venereology
- Department of Gynaecology and Obstetrics
- 1st Medical Department – Department of Haematology
- 2nd Medical Department – Department of Cardiovascular Medicine
- 3rd Medical Department – Department of Endocrinology and Metabolism
- 4th Medical Department – Department of Gastroenterology and Hepatology
- 2nd Surgical Department – Department of Cardiovascular Surgery
- Department of Neurology
- Department of Radiodiagnosics

Thomayer Hospital

- Department of Urology

PROJECTS IN THE ACADEMIC YEAR 2011–2012 AND 2012–2013

Projects are an inseparable part of activities of IFMSA. They are administered by 4 executive committees.

SCOPH – Standing Committee for Public Health

This first group of projects is clearly dominated by the Teddy Bear Hospital – visiting children in kindergartens and trying to help them overcome the “fear of the white gown”. Altogether, we visited more than 30 kindergartens, i.e. more than 1,200 children. At the Children's Day in the Thomayer Hospital and the General Teaching Hospital about 400 children came to see us. Thanks to excellent work of Miss Kristýna Kučerová, a third-year student, who is the co-ordinator of all projects, we can carry on this activity for the rest of the academic year as well as in the coming years.

Other projects in this section include the Smoke-Free Party, this year prepared in co-operation with the Second and the Third Faculty of Medicine of Charles University, and the World Diabetes Day.

SCORA – Standing Committee for Healthy Reproduction and AIDS prevention

This section organizes various workshops, lectures and other activities on the occasion of the AIDS World Week, which is at the turn of December.

SCORP – Standing Committee for Human Rights and Peace

The committee was founded with the objective to draw attention to the issues of violation of human rights, refugees and prevention of conflicts. This committee also deals with the problems of racial discrimination and discrimination of any kind. All these topics are closely related to physical and mental health.

SCOME – Standing Committee for Medical Education

Medicafé is our key project in this sphere. In the academic year 2011–2012, three Medicafés took place, which informed students and wide public about some interesting topics from medical setting. These events were organized in co-operation with the Union

of Czech Medical Students and Science Café Czech Republic, and with media support from the First Faculty of Medicine of Charles University, the association Motolák, iForum, the server ukacko.cz and the authorities of the capital city of Prague. In the academic year 2012–2013, co-operation with our colleagues from the Second and the Third Faculty of Medicine of Charles University

was extended and intensified, allowing for co-ordination of terms and stabilization of a regular monthly routine.

*For the branch of IFMSA CZ at the First Faculty of Medicine of Charles University:
Jiří Janata
Local President*



Vice-dean of the First Faculty of Medicine, Prof. Tomáš Zima, together with Prof. Alois Martan for the foundation Nadace Scientia, conferred the prizes of the foundation to the best graduates of the year – Dr. Jozef Hudcovský, Dr. Jana Mojžíšová, Dr. Zdeňka Nevrklóvá, Dr. Tereza Podolská, Dr. Yana Nazlan and Dr. Thilaga Rajendran

MEDSOC

LF1 MEDSOC is a non-profit student organization, run by over 40 dedicated medical students at English Parallel of the First Faculty of Medicine. The organization serves to make sure that students get the most out of their university experience.

We consist of a Board and three Departments, which are Academic Affairs, Student Support and Activities & Media. Through these departments, we help students in all the ways that so many need assistance. This includes providing academic help, creating a support network that the student body can rely on for issues such as visa, health, and Guides for 1st year support. Our efforts also continue to help students in the upper years by working with the faculty to improve clinical training as well as providing assistance with getting their first job as a medical professional.

Our main aim is give students the means to maintain a well-rounded fulfilled student life. To achieve this, we organize regular activities and events that help to bring student together as a community. This includes daytime events, sports (both competitive and non-competitive), arts, cultural, charity, volunteering, as well as classic nights out.

LF1 MEDSOC works in harmony with the student body as open system. Students can actively get involved and also make changes to how the organization is run. Having adopted a modern, creative approach; we have seen that we are progressing swiftly towards our goals.



On the day when St. Nicholas was giving presents to good children and his devil frightened the naughty ones, the last Chair for Faust of the year featured the Mayor of the district Prague 2, Mrs. Jana Černochová

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, unconscious-

ness, 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 ten 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.

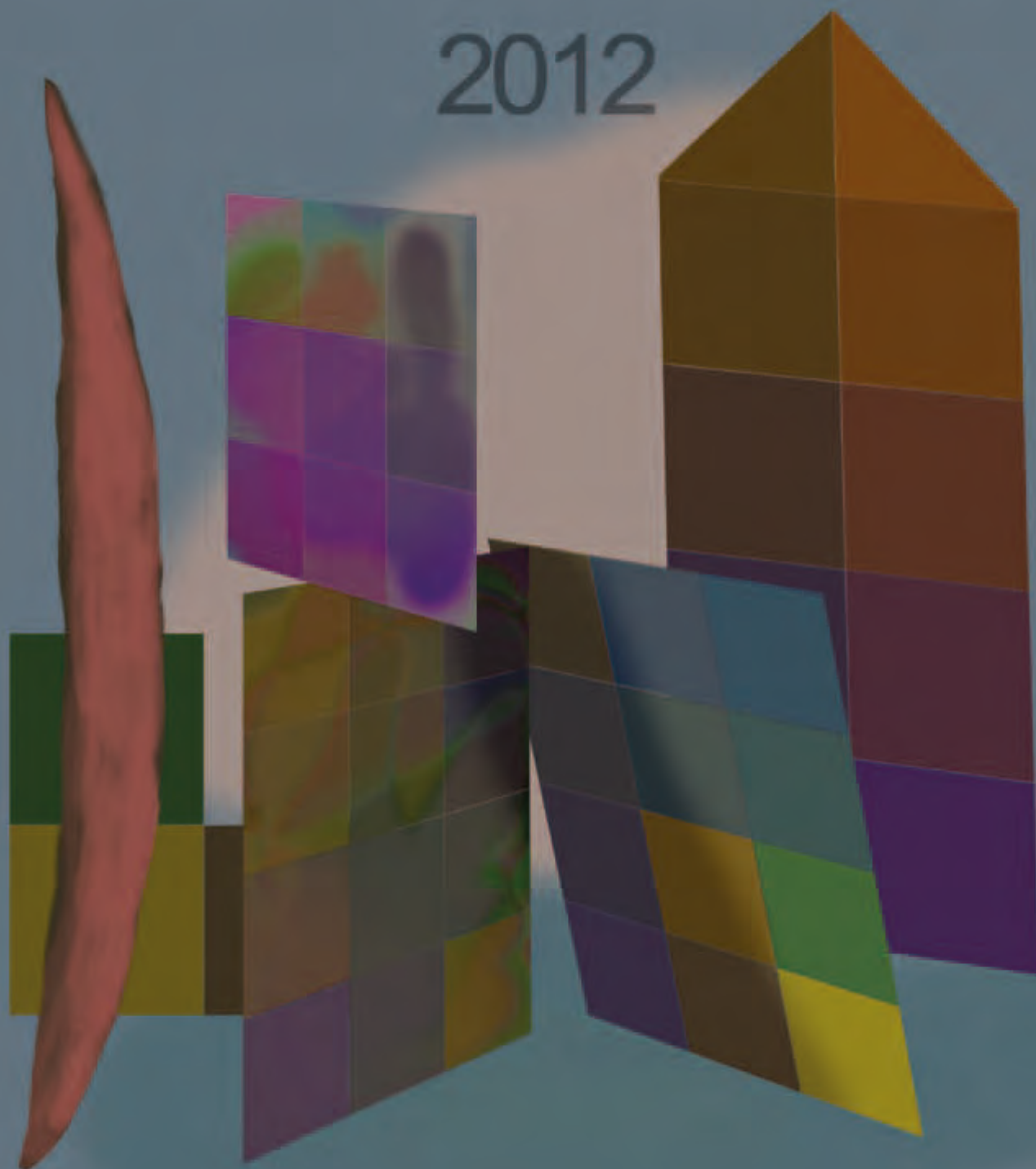
It's above all our students who started participating in the project that take credit for the current activities. They are well-received and really appreciated by the instructed public as well.

*On behalf of First Aid for Public
MUDr. Michaela Ingrischoová*



Ecumenical requiem mass in the Holy Trinity church at Podskalí 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. Prof. Karel Smetana, the Head of the Institute of Anatomy, and students of the First Faculty of Medicine introduced this event

LIST OF UNITS, BY 31ST DECEMBER 2012



LIST OF UNITS BY 31ST DECEMBER 2012**SCIENTIFIC / EDUCATIONAL INSTITUTIONS OF THE FACULTY****Institute of Anatomy**

U Nemocnice 3, 128 00 Praha 2, tel.: 224 965 780,
fax: 224 965 770
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
Head: prof. MUDr. Otomar Kittnar, CSc., MBA
E-mail: physiol@lf1.cuni.cz

Institute of Biochemistry and Experimental Oncology

U Nemocnice 5, 128 53 Praha 2, tel.: 224965 732, 22496 5736,
tel. /fax: 22496 5741
Head: MUDr. Aleksi 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
E-mail: petr.hala@ujop.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

Albertov 4, 128 01 Praha 2, tel.: 22491 8786, 22496 8125,
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
E-mail: osetro@lf1.cuni.cz

Institute of General Medicine

Albertov 7, 128 00 Praha 2, tel. /fax: 22491 7 479
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 Hematology

U Nemocnice 2, 128 08 Praha 2, tel.: 22496 2527, 22492 3049,
fax: 22492 3268
Head: prof. MUDr. Marek Trněný, CSc.
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
Head: prof. MUDr. Štěpán Svačina, DrSc., MBA
E-mail: int3@lf1.cuni.cz

4th Medical Department

U Nemocnice 2, 128 08 Praha 2, tel.: 22496 2506,
fax: 22492 3524
Head: doc. MUDr. Aleš Žák, DrSc.
E-mail: int4@lf1.cuni.cz

Department of Addictology

Apolinářská 4, 120 00 Praha 2, tel: 224 968 222-5,
fax: 224 968 219
Ke Karlovu 11, 120 00 Praha 2
Head: prof. PhDr. Michal Miovský, Ph.D.
E-mail: mmiovsky@adiktologie.cz

Department of Nephrology

U Nemocnice 2, 128 08 Praha 2, tel. /fax: 224 962 696
Head: prof. MUDr. Vladimír Tesař, DrSc., MBA
E-mail: vladimir.tesar@lf1.cuni.cz

Department of Anaesthesiology, Resuscitation and Intensive Care

U Nemocnice 2, 128 08 Praha 2, tel.: 22496 2243, 22491 6921,
fax: 22496 2118
Head: doc. MUDr. Martin Strítěský, CSc.
E-mail: kar@lf1.cuni.cz

Department of Paediatrics and Adolescent Medicine

Ke Karlovu 2, 121 09 Praha 2, tel.: 22496 1137,
fax: 22491 1453
Head: prof. MUDr. Jiří Zeman, DrSc.
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, CSc.
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
Head: doc. MUDr. Olga Švestková, Ph. D.
E-mail: rehab@lf1.cuni.cz

1st Department of Tuberculosis and Respiratory Diseases

Kateřinská 19, 120 00 Praha 2, tel.: 22496 4800, 22496 4806,
22496 4820, fax: 22494 1500
Head: prof. MUDr. Jiří Homolka, DrSc.
E-mail: jhomolka@lf1.cuni.cz

Department of Neurology

Kateřinská 30, 128 21 Praha 2, tel.: 22496 5549, 22496 5550,
fax: 22492 2678
Head: prof. MUDr. Evžen Růžička, DrSc.
E-mail: evzen.ruzicka@lf1.cuni.cz

Department of Ophthalmology

U Nemocnice 2, 128 08 Praha 2, tel.: 22496 2329, 22496 3030,
fax: 22491 8650
Head: doc. MUDr. Bohdana Kalvodová, CSc.
E-mail: kalvodova.bohdana@vfn.cz, E-mail: sekrpred.ocnikl@vfn.cz

Department of Oncology

U Nemocnice 2, 128 08 Praha 2, tel.: 22496 2219, 22491 7830,
fax: 22492 1716
Head: prof. MUDr. Luboš Petruželka, CSc.
E-mail: petruzel@vfn.cz

Department of Psychiatry

Ke Karlovu 11, 128 08 Praha 2, tel.: 22491 6858, 22496 5344,
fax: 22492 3077
Head: prof. MUDr. Jiří Raboch, DrSc.
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

Karlovo nám. 32, 120 00 Praha 2, tel.: 22223 3013,
fax: 22496 6609
Head: doc. MUDr. Michal Pohanka, Ph.D.
E-mail: sexuol@lf1.cuni.cz

Department of Oral, Mandibular and Facial Surgery

Kateřinská 32, 128 01 Praha 2, tel. /fax: 224 916 573
 Karlovo nám. 32, 121 11 Praha 2, tel.: 222 230 046,
 fax: 224 966 583
 Head: doc. MUDr. René Foltán, Ph.D.
 E-mail: rene.foltan@lf1.cuni.cz

Department of Urology

Ke Karlovu 6, 128 08 Praha 2, tel.: 22491 7589, 22496 7848,
 22496 7888, fax: 22492 1691
 Head: prof. MUDr. Tomáš Hanuš, DrSc.
 E-mail: lenka.soukupova@lf1.cuni.cz

Institute of Biology and Medical Genetics

Albertov 4, 128 00 Praha 2, tel. /fax: 22496 8160, 22491 4957,
 22491 4958
 Head: doc. MUDr. Milada Kohoutová, CSc.
 E-mail: biol@lf1.cuni.cz

Institute of Inherited Metabolic Disorders

Ke Karlovu 2, 128 00 Praha 2, tel.: 22491 8283,
 fax: 22491 9392
 Head: doc. MUDr. Viktor Kořich, CSc.
 E-mail: metabo@lf1.cuni.cz

Institute of Hygiene and Epidemiology

Studničkova 7, 128 00 Praha 2, tel. /fax: 22491 9967,
 tel.: 22496 8534
 Head: doc. MUDr. Milan Tuček, DrSc.
 E-mail: hygep@lf1.cuni.cz

Institute of Clinical Biochemistry and Laboratory Medicine

U Nemocnice 2, 128 08 Praha 2, tel.: 22496 2841,
 fax: 22496 2848
 Kateřinská 32, 121 08 Praha 2, tel.: 224 964 821
 Karlovo nám. 32, 121 11 Praha 2, tel. /fax: 224 966 617
 Head: prof. MUDr. Tomáš Zima, DrSc., MBA
 E-mail: bioch@lf1.cuni.cz

Institute of Immunology and Microbiology

Studničkova 7, 128 00 Praha 2, tel.: 224 968 472,
 fax: 224 968 496
 Head: prof. RNDr. Libuše Kolářová, CSc.
 E-mail: imunok@lf1.cuni.cz

Institute of Nuclear Medicine

Salmovská 3, 120 00 Praha 2, tel.: 224 965 813,
 fax: 224 922 486
 Head: prof. MUDr. Martin Šámal, DrSc.
 E-mail: nukle@lf1.cuni.cz

Institute of Pathology

Studničkova 2, 128 00 Praha 2, tel.: 224 968 710, 224 918 877,
 fax: 224 911 715
 Head: doc. MUDr. Pavel Dundr, Ph.D.
 E-mail: pavel.dundr@lf1.cuni.cz

Institute of Forensic Medicine and Toxicology

Studničkova 4, 128 21 Praha 2, tel.: 224 968 615, 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
 Head: prof. MUDr. Přemysl Strejč, DrSc.
 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

Institute of Clinical and Experimental Stomatology

Karlovo náměstí 32, 121 11 Praha 2, tel.: 224 966 820, 224
 257 174, fax: 224 966 840, 224 257 17
 Head: prof. MUDr. Jana Dušková, DrSc., MBA
 E-mail: duskova@vus.cz

Joint Institutions with Motol Teaching Hospital**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: pafko@seznam.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.
 E-mail: orto@lf1.cuni.cz, E-mail: sosna.orto@email.cz

Joint Institutions with Central Army Hospital**Medical Department**

U Vojenské nemocnice 1200, Střešovice, 160 00 Praha 6,
 tel.: 973 203 059, 973 111 111
 Head: prof. MUDr. Miroslav Zavoral, PhD.
 E-mail: Miroslav.Zavoral@uvn.cz

Department of Department of Anaesthesiology, Resuscitation and Intensive Medicine

U Vojenské Nemocnice 1200, 169 02 Praha 6,
 tel./fax: 973 203 586
 Provisional Head: MUDr. Tomáš Tyll, Ph.D.
 E-mail: icu@uvn.cz

Department of Department of Traumatology of the Locomotor System

U Vojenské Nemocnice 1200, 169 02 Praha 6, tel: 973 203 281,
 fax: 973 203 719
 Head: prof. MUDr. Jan Bartoníček, DrSc.
 E-mail: marie.nemeckova@uvn.cz

Department of Oncology

U Nemocnice 2, 128 08 Praha 2, tel: 224 962 219, 224 917
 830, fax: 224 921 716
 Head: prof. MUDr. Luboš Petruželka, CSc.
 E-mail: petruzel@vfn.cz

Department of Ophthalmology

U Vojenské nemocnice 1200, Střešovice, 160 00 Praha 6, tel.:
 973 203 191, 973 111 111
 Provisional Head: plk. doc. MUDr. Jiří Pašta, CSc.
 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: nech1@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

Head: prof. MUDr. Michael Halaška, DrSc.

E-mail: michael.halaska@lf1.cuni.cz

Department of Surgery

Budínova 2, 180 81 Praha 8, tel.: 26608 1111, 26608 2172,
26608 2430, fax: 26608 3475

Head: doc. MUDr. Jan Fanta, DrSc.

E-mail: antos@fnv.cz

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

Head: doc. MUDr. Michal Holub, Ph.D.

E-mail: infe3@lf1.cuni.cz, E-mail: emich@lf1.cuni.cz

Department of Plastic Surgery

Budínova 2, 180 81 Praha 8, tel. /fax: 26608 3204,
tel.: 26608 3210

Head: doc. MUDr. Jan Měšťák, CSc.

E-mail: plastika@fnb.cz

Department of Orthopaedics

Budínova 2, 180 81 Praha 8, tel.: 26608 2829, 26608 2876,
26608 2828, fax: 28384 0514

Head: prof. MUDr. Pavel Dungal, DrSc.

E-mail: ort@fnb.cz

Department of Radiodiagnosics

Budínova 2, 180 81 Praha 8, tel.: 26608 2087, 26608 2901,
fax: 26608 3390

Head: MUDr. Jaroslava Drechslerová, CSc. (provisional Head of
the Department)

E-mail: drechs@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.

E-mail: onkouro@mbox.vol.cz

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.

E-mail: roman.zazula@ftn.cz

Department of Surgery

Vídeňská 800, 140 59 Praha 4, tel.: 26108 2632, 26108 2600,
tel. /fax: 24172 1636

Head: doc. doc. MUDr. Jaromír Šimša, Ph.D.

E-mail: chirklin@ftn.cz

Department of Oncology

Vídeňská 800, 140 59 Praha 4, tel: 261 083 492,
fax: 261 082 522

Provisional Head: doc. MUDr. Tomáš Büchler, Ph.D.

E-mail: tomas.buchler@ftn.cz

Department of Paediatrics

Vídeňská 800, 140 59 Praha 4, tel.: 26108 3180,
tel. /fax: 24172 1238

Head: doc. MUDr. Hana Houštková, CSc.

E-mail: pediatr@ftn.cz

Department of Pneumology

Vídeňská 800, 140 59 Praha 4, tel.: 26108 2373

Head: prof. MUDr. Jiří Homolka, DrSc.

E-mail: jhomolka@lf1.cuni.cz

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



The Christmas meeting of the Faculty management with representatives of the media took place in Faust House



The 16th concert of the series Faculty in the heart of Karlovo took place in the church of the Holy Virgin and St. Charles the Great at Karlovo. The music that sounded in the church was the Czech Christmas Mass by Jan Jakub Ryba and Hymni Adventuales by Peter Koronthaly. Both concerts were given by Piccolo coro & Piccola orchestra

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 Practise

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

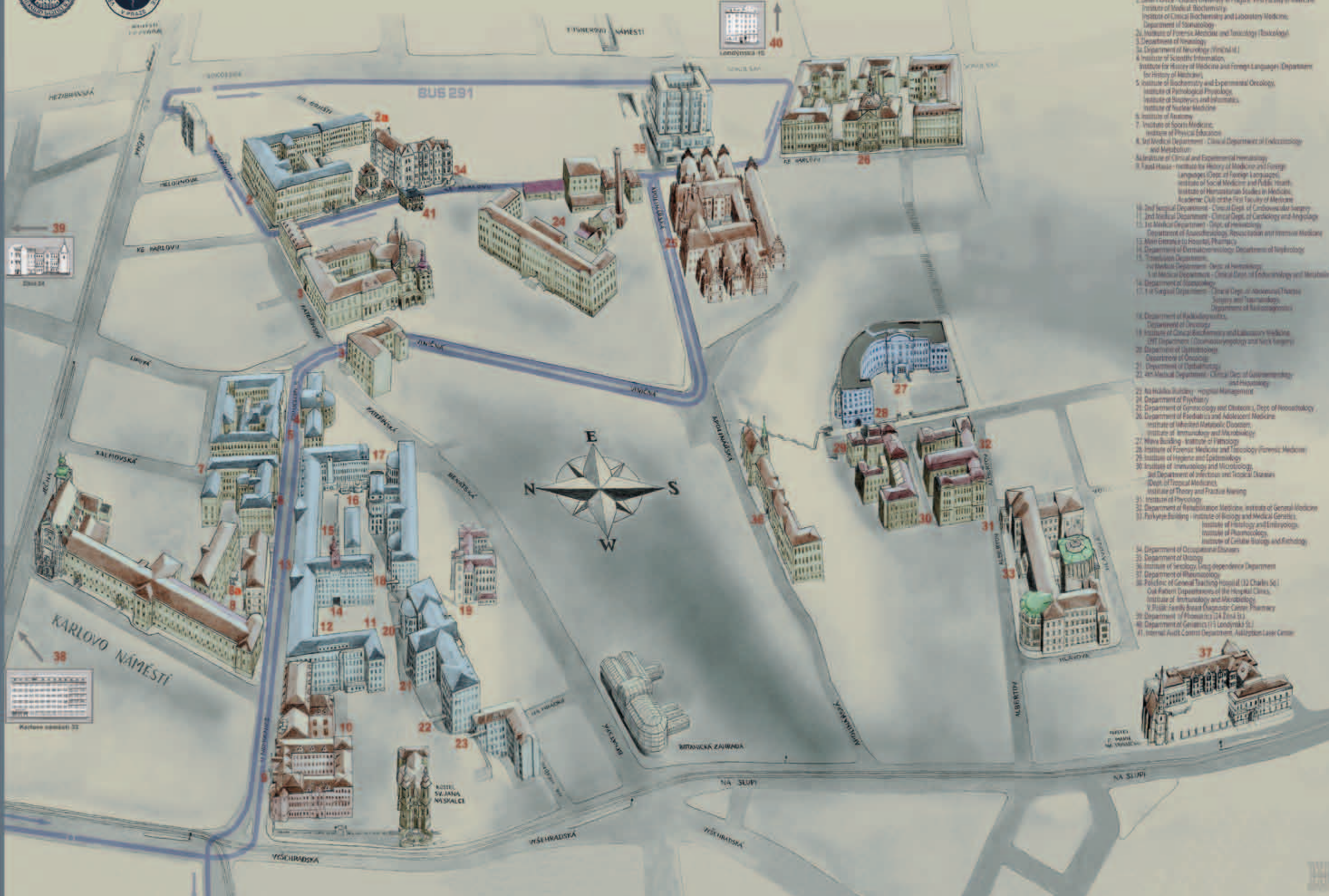
E

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 Diseases
2. Dean's Office - Charles University in Prague - First Faculty of Medicine
Institute of Medical Biochemistry
Institute of Clinical Biochemistry and Laboratory Medicine
Department of Stomatology
3. Institute of Forensic Medicine and Toxicology (Toxicology)
4. Department of Neurology
- 5a. Department of Neurology (Clinical II)
6. Institute of Scientific Information
Institute for History of Medicine and Foreign Languages / Department for History of Medicine
7. Institute of Biochemistry and Experimental Oncology
Institute of Psychological Physiology
Institute of Statistics and Informatics
Institute of Nuclear Medicine
8. Institute of Anatomy
9. Institute of Sports Medicine
Institute of Physical Education
10. 3rd Medical Department - Clinical Department of Endocrinology and Metabolism
11. Institute of Clinical and Experimental Hematology
12. Food House - Institute for History of Medicine and Foreign Languages (Dept. of Foreign Languages)
Institute of Social Medicine and Public Health
Institute of Hereditary Studies in Medicine
Academic Club of the First Faculty of Medicine
13. 2nd Surgical Department - Clinical Dept. of Cardiovascular Surgery
2nd Medical Department - Clinical Dept. of Cardiology and Angiology
14. 1st Medical Department - Dept. of Hematology
Department of Anesthesiology, Resuscitation and Intensive Medicine
15. Men's Clinic in Hospital Pharmacy
16. Department of Dermatovenereology, Departments of Nephrology
17. Transfusion Department
3rd Medical Department - Dept. of Hematology
4th Medical Department - Clinical Dept. of Endocrinology and Metabolism
18. Department of Otolaryngology
19. 1st Surgical Department - Clinical Dept. of Abdominal, Thoracic Surgery and Traumatology
Department of Radiodiagnosis
20. Department of Radiodiagnosis
Department of Oncology
21. Institute of Clinical Biochemistry and Laboratory Medicine
2nd Department of Otorhinolaryngology and Neck Surgery
22. Department of Otorhinolaryngology
Department of Oncology
23. Department of Otorhinolaryngology
2nd Medical Department - Clinical Dept. of Gastroenterology and Hepatology
24. No. 1000 Building - Hospital Management
25. Department of Psychiatry
26. Department of Gynecology and Obstetrics, Dept. of Neonatology
Department of Paediatrics and Adolescent Medicine
Institute of Inherited Metabolic Diseases
Institute of Immunology and Microbiology
27. Wave Building - Institute of Pathology
28. Institute of Forensic Medicine and Toxicology (Forensic Medicine)
29. Institute of Hygiene and Epidemiology
30. Institute of Immunology and Microbiology
3rd Department of Infectious and Tropical Diseases
(Dept. of Tropical Medicine)
Institute of Theory and Practice Nursing
31. Institute of Physiology
32. Department of Rehabilitation Medicine, Institute of General Medicine
33. Parkette Building - Institute of Biology and Medical Genetics
Institute of Histology and Embryology
Institute of Pharmacology
Institute of Cellular Biology and Pathology
34. Department of Occupational Diseases
35. Department of Ology
36. Institute of Toxicology, Drug Dependence Department
37. Department of Rheumatology
38. Polyclinic of General Teaching Hospital II (32 Charles Sq.)
Oak Parket Departments of the Hospital Clinics
Institute of Anthropology and Microbiology
V. Plátek Family Based Diagnostic Center Pharmacy
39. Department of Phoniatrics (24 Zimá St.)
40. Department of Genetics (13 Londýnská St.)
41. Internal Audit Control Department, Assisted Laser Center

Adresa	Číslo	Objekt
Karlovo náměstí 32	38	38



ANNUAL REPORT

CHARLES UNIVERSITY IN PRAGUE

FIRST FACULTY OF MEDICINE

2012

