

ANNUAL REPORT

2006

CHARLES UNIVERSITY
IN PRAGUE
FIRST FACULTY OF MEDICINE



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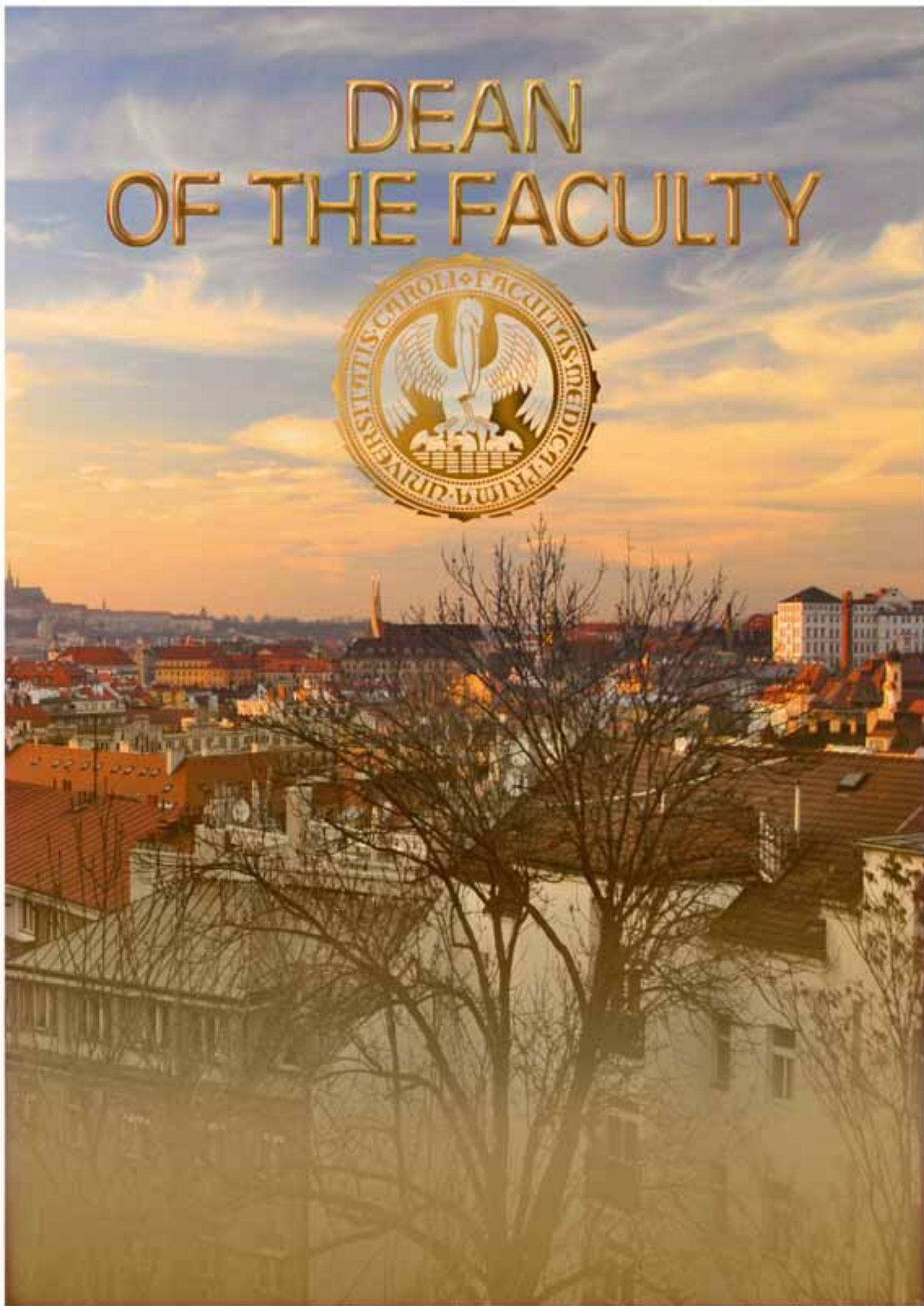
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REPORT ON THE ACTIVITIES 2006



DEAN OF THE FACULTY



DEAN OF THE FACULTY

Dear colleagues, dear members of the academic community of the First Faculty of Medicine, dear friends, here is the Annual Report of the Faculty for the year 2006.

First of all, let me thank you all for your work in the past year.

The inauguration of a new rector, which has been an important event in the university life for centuries, took place again in the Great Hall of Karolinum on 22nd February 2006. This finished the six-year term when the office was held by Professor Ivan Wilhelm, who honestly and justly promoted the interests of Charles University and its faculties. I would like to say that I appreciate everything that he and his co-operators did for our Faculty and others. Together with Professor Wilhelm, also Professor Pavel Klener, who had represented the Faculty in the university management for twelve years, finished his term in office as the Pro-Rector for Scientific Work and Creative Activity. On 1st February 2006, the office was assumed by Prof. RNDr. Václav Hampl, whose scientific activity is focused on the issues of cardiovascular physiology. A pleasing fact for the Faculty is that one of the new pro-rectors appointed is a representative of our Faculty, Prof. MUDr. Jan Škrha, who is in charge of international relations of Charles University.

The Faculty is a living organism with quite a number of links and regulations, and it is possible to say that new acts come every moment in the life of our school, so I can only expand on some of them.

The basic role of the Faculty is to educate new generations of physicians and other health care providers – upholders of the tradition of our medical science. Considering the recent rapid development of medical sciences, it is necessary to educate the students to understand the essential knowledge, using all the modern forms such as e-learning for the purpose. At the Faculty, quite a number of colleagues have created a selection of forms of multimedia teaching materials in distance education and, at a time, the technological background for the development of the new forms of tuition is being created. In this area, the co-operation with the Medical Faculty of Masaryk University in Brno and the Medical Faculty of Palacký University in Olomouc is important, whose aim is to create a unified educational portal for medical faculties within the Czech Republic. We co-operate with these faculties under the EUNI project. Two conferences took place, which proved the interest of the media in implementation of this method of teaching at the university level. Many new optional subjects began to be taught, both in Czech and English, such as endoscopic techniques or medical law.

In the academic year 2005-2006, education in a new subject, addictology, was launched, which is an example of possible interdisciplinary co-operation of specialists of different orientation.

2006 was also the year when the credit point system of education was introduced, which significantly changed the



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

organization of tuition at the Faculty to comply with the Studies Regulations of Charles University.

A working group of the accreditation board for health sciences visited our Faculty, did not find any substantial faults, and subsequently stated the possibility of prolonging the accreditation for the field of General Medicine for another seven years.

Also very important for our work is the opinion of the students, who have a chance to express their attitudes and judgments concerning the quality of education at the Faculty. The evaluation of tuition in the academic year 2005–2006 was done in the electronic form for the first time, which facilitates the processing of the data as well as consequent comparisons of particular years. In total, 1,164 students of all years and fields of studies participated in the evaluation, which is 34 per cent of all students. Really pleasing is the composition of the best standing factors, as the overwhelming majority of students positively appreciate the approach.

At the beginning of 2006, ten most important scientific institutions of the Czech Republic were proclaimed, including – besides other two faculties of Charles University (Faculty of Natural Science and Faculty of Mathematics and Physics) – our faculty as well. Apart from many grant projects of the grant agencies of Charles University, the Czech Republic, Ministry of Health, Fund of Development of Schools of Higher Education and others, five projects are carried out at the Faculty under the National Research Programme II, and the Faculty co-operates on ten projects in the 6th EU Framework Programme, ten projects in the JPD3 programme, and many others.

The First Faculty of Medicine of Charles University keeps extending its activities directed towards co-operation with industrial companies and private enterprises. On contractual basis we provide expert service, and our specialist also take part directly in joint projects of applied research, which lead to practical implications of scientific knowledge.

The Scientific Board of Charles University found the implementation of the research concepts launched in 2005 successful:

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

In 2006, another research concept was approved, which will be implemented from 2007 on. The researcher of the concept Neuropsychiatric aspects of neurodegenerative conditions is Professor Evžen Růžička.

The Faculty staff members are involved as co-researchers in some other research concepts as well:

- (1) Prof. Aleš Žák – Use of experimental and clinical models of metabolic processes, nutrition and pharmacology for development of knowledge, clinical practice and improvement of the quality of life.
- (2) Prof. Michael Aschermann – Invasive approaches to save or regenerate the myocardium.
- (3) Assoc. Prof. Martin Haluzík – Prevention, diagnosis and therapy of diabetes mellitus, metabolic and endocrine impairments of the organism.
- (4) Assoc. Prof. Hana Papežová – Pathophysiology of neuropsychiatric diseases and its clinical applications.

(5) Dr. Zuzana Zemanová – Molecular bases of children's neoplastic conditions and therapeutic applications.

(6) Assoc. Prof. Ivan Šterzl – Chronic diseases due to inappropriate reactivity of the immunity system, their pathogenesis, and possibilities of early diagnosis and treatment.

At the session of 24th October 2006, the Scientific Board of the First Faculty of Medicine discussed and approved on the proposal to award the degree of doctor honoris causa in medical sciences to Salvador Moncada, MD, PhD, the director of the Wolfson Institute for Biomedical Research, University College London and Professor of medical sciences, for his life-long pioneering work in the field of pharmacology and physiology of circulation in the blood stream, formation of vascular biology, significant contribution to understanding the function of endothelium, and transformation of the discovery of new agents into therapy of vascular disorders.

At the Scientific Board of the First Faculty of Medicine, 15 procedures for appointment to Professor posts as well as 17 habilitation procedures for associate Professor posts took place. In 2006, preparation was commenced for re-accreditation of 16 fields for these procedures that will expire in 2007.

The Faculty became the editor of *Folia Biologica*, a journal with an impact factor, and did a number of changes in the journal, including the possibility of access through the web.

A great success was achieved by the staff of the Department of Urology of the First Faculty of Medicine and the General Teaching Hospital. Assoc. Prof. Radim Kočvara with his team was awarded by the Minister of Health Prize for 2006 research, which was handed in by the Minister of Health of the Czech Republic at the Hrzáns Palace on 18th December 2006. Specialists of the Institute of Medical Biochemistry of the First Faculty of Medicine, Dr. Martin Vejražka, Dr. Radan Mlček and Prof. Stanislav Štípek, the authors of the study „Apocynin inhibits NADPH oxidase in phagocytes but stimulates ROS production in non-phagocytic cells“, were given a certificate confirming that this publication is one of the top ten most frequently quoted articles from the journal *BBA General Subjects* for 2005.

The traditional student scientific conference was held for the seventh time in 2006, presenting 31 short talks (13 in the theoretical section and 18 in the clinical section) by undergraduate students, and 25 lectures and 25 posters by postgraduate students.

In the great lecture hall of the Purkinje Building, the Institute of Nursing Theory and Practice organized a student scientific conference for those studying in Bachelor and Master degree programmes.

If we want to promote science, it is necessary to direct the students towards scientific learning in undergraduate as well as postgraduate programmes, which keep extending at the Faculty from year to year. In 2006, fifty postgraduate students successfully defended their theses.

The staff of the First Faculty of Medicine organized nearly 200 professional and scientific events, which included more than 80 national and international conferences and seminars. Among those most successful were the ERNDIM a EuroGenest workshop „The role of QA in the diagnosis and dietary management of inborn errors of metabolism: the European perspective“, the world congress of the International Federation of Oncological Societies on Head and Neck, 10th Central European Lung Cancer Conference (International Association for the Study of Lung Cancer), 11th conference of European Association for Dental Public Health, congress MORPHOLOGY 2006 – 43rd International Anatomical Congress and 43rd Lojda Symposium at the First Faculty of Medicine, ESCI 2006 – 40th Annual Scientific Meeting of the European Society for Clinical

Investigation Prague, the international ESCI congress – 40th Annual Scientific Meeting, the Autoimmunity workshop, or the prestigious EMBO workshop on the topic “Functional Organization of the Cell Nucleus”, and many other equally important events.

On the occasion of personal jubilees, retirements and conclusions of the terms in office, or on the occasion of international conferences attended by specialists linked with our faculty, eight Memorial Medals of the First Faculty of Medicine were awarded – namely to Prof. Miloš Grim, Assoc. Prof. Jozef Kollár, Dr. Alena Malečková, Prof. Přemysl Poňka, Prof. Jiří Raboch, Prof. Emil Skamene, Prof. Jiří Městecký and Prof. Zdeněk Wünsch, and nine memorial diplomas of honour – to Prof. Jolán Bánóczy, Mr Hanuš Kunz, Mrs Vlasta Helekalová, Prof. Josef Marek, Prof. Vladimír Palička, Prof. David W. Rasmussen, Prof. G. W. Speierer, Assoc. Prof. Jan Tošovský a Prof. Václav Šimon. To the proposal by the Faculty, the Rector of Charles University Professor Václav Hampl awarded the Gold Memorial Medal of Charles University to Professor Stanislav Štípek, Professor Josef Marek and Professor Václav Šimon, who all celebrated their important personal jubilees.

In 2006 we all celebrated important jubilees in the lives of the following academic staff members, who had connected their professional careers with the Faculty: Assoc. Prof. Radim Bečvář, Prof. Jiří Raboch, Assoc. Prof. Jan Tošovský, Prof. Miloš Grim, Prof. Josef Marek, Prof. Josefa Bohutová, Assoc. Prof. Zdeněk Wünsch, Assoc. Prof. Milan Špála, Assoc. Prof. Radim Kočvara, Prof. Miloš Langmeier, Assoc. Prof. Dana Marešová, Assoc. Prof. Otakar Jelínek, Assoc. Prof. Jozef Hoza, Assoc. Prof. Otakar Měříčka, Assoc. Prof. Růžena Pánková, Assoc. Prof. Jiří Jonák, Assoc. Prof. Marie Staňková, Prof. Terezie Fučíková, Prof. Václav Seichert, Prof. Vladimír Křen, Prof. Jiří Widimský, Prof. Aleš Žák, Assoc. Prof. Eva Říhová, Assoc. Prof. Petr Hach, Prof. Tomáš Hanuš, Assoc. Prof. Milan Bayer, Assoc. Prof. Jiří Obenberger, Assoc. Prof. Pavel Freitag, Assoc. Prof. Otakar Klein, Assoc. Prof. Václav Hána, Assoc. Prof. Jan Škopek, Prof. Martin Fried, Assoc. Prof. Pavel Vavřík, Assoc. Prof. Václav Ventura, Assoc. Prof. Jiří Křivánek, Assoc. Prof. Jaroslav Plas, Assoc. Prof. Petr Štern, Assoc. Prof. Drahomíra Křenová, Prof. Lubor Stejskal, Assoc. Prof. Václav Smrčka, Prof. Stanislav Štípek, Prof. Václav Šimon, Assoc. Prof. Vladimír Novák, Assoc. Prof. Jaroslav Ort, Prof. Jaroslav Racek, Assoc. Prof. Petr Kozler.

In the past year, the First Faculty of Medicine had to farewell several outstanding physicians and teachers. Among those who left our academic community forever were Prof. Otto Engelbert, the representative of the field of endocrinology; Prof. Jan Kábrt, the philologist and founder of the Institute of Foreign Languages; Assoc. Prof. Jindřich Čepelík of the Institute of Pharmacology; Assoc. Prof. Josef Fanta, the outstanding surgeon; Prof. Bedřich Srp, the representative of the field of gynaecology and obstetrics; Assoc. Prof. Josef Pich, of the Institute of Biophysics and Informatics; Assoc. Prof. Gabriela Divišová, the representative of the field of ophthalmology; Prof. Emanuel Vlček, of the Institute of Anatomy; and Prof. Hanuš Kraus, the emeritus Head of the 2nd Department of Ophthalmology.

At the special meeting with the Heads of the institutes and departments before Christmas, another book of interviews “Chair for Faust” was introduced, which is already the fifth volume of the publication. In 2006, 14 personalities were seated in that chair to be interviewed – Prof. Radomír Čihák, Prof. Jiří Duchoň, Prof. Pavel Filipi, Prof. Václav Hampl, Prof. Tomáš Klíma, Prof. František Koukolík, Prof. Kyra Michalová, Prof. Jiří Militký, Prof. Emanuel Nečas, Prof. Daniela Pelcllová, Prof. Blanka Říhová, Assoc. Prof. Milan Špála, Prof. Jiří Witzany a Prof. Jan Betka.

Throughout the year, the Faculty experienced an increased interest from the media. Together with the General Teaching Hospital, it organized regular briefings with journalists to deal with a wide range of medical disciplines and various issues of modern medicine. We informed the public of a number of priority approaches and techniques invented by the staff of the Faculty or the General Teaching Hospital and implemented into the treatment of patients or enriching scientific knowledge. In 2006 we managed to organize 19 press conferences, which met a rather keen interest in press, radio and television.

2006 was a successful year in the co-operation with teaching hospitals, where not only tuition but also scientific research takes place. The total number of 66 fields were accredited in accordance with Act 95/2004 Coll.

The Faculty entered into a contract with the Institute of Clinical and Experimental Medicine to regulate the issues of mutual co-operation in education, science, research and health care with the aim of even more successful and efficient activity of the two institutions.

As a new managing director of the General Teaching Hospital since 1st May 2006, Dr. Jan Bříza has been appointed to replace Dr. Pavel Horák, who was appointed the general director of the General Health Insurance Company.

The dean of the Faculty together with the managing director of the General Teaching Hospital opened a competition for postgraduate students whose projects pertain to possible application of research in diagnosis and therapy of patients. The total number of 28 applications from 10 institutions, and 10 postgraduate students from 5 institutions succeeded.

The Faculty organizes not only scientific but also artistic events. These included the 118th Medic Prom Ball, further social meeting at the Faust House, and the Children's Day at the First Faculty of Medicine and General Teaching Hospital – a joint event, which provoked the idea of repetition and wider co-operation with the district authorities of Prague 2. The First Faculty of Medicine and the Medics' Humanitarian Club organized two concerts of the “Faculty in the Heart of Karlov” series – the Easter concert at the church of Assumption and St. Charles the Great with music by and W. A. Mozart, and the Christmas concert in the just renovated St. Catherine church, where music of Antonín Dvořák and Josef Suk was performed. Both concerts took place thanks to the courtesy of the Zentiva joint-stock company.

During 2006, preparation for big capital constructions was carried out, such as the reconstructions at 32 Kateřinská and 4 U Nemocnice, which have both been approved on and should be launched by mid-2007. We reconstructed several lecture halls and seminary rooms, and improved the milieu we spend our time in every day as employees or students.

Together with the Faculty of Mathematics and Physics and the Faculty of Natural Science of Charles University, our faculty takes part in preparation of the “Campus Albertov” project. This project is to enable the creation of two top quality centres, equipped with sophisticated technologies and staffed by prominent specialists of the respective faculties, with their students involved as well. The centres will be focused on fundamental scientific research of the molecular nature of life and on the wider context of problems of natural science, thereby contributing to the solution of current issues of the society.

We managed to widen the WiFi coverage of the Faculty's premises, and most institutes and departments possess their own fully functional high standard web pages to enable their presentations.

The Academic Senate and Scientific Board of our faculty have discussed and approved on the long-term prospect of

the First Faculty of Medicine of Charles University. Our vision is the Faculty that is **top-level, friendly and open**. That is to say – at the top level of medicine, with a friendly environment, including both relations between the members of the academic community and relation to the society, and open for discussion and modern trends at the turn of the millenium.

Last but not least, let me say “thank you” to all the teachers, scientists, other staff members and students for their contribution to the success and high credits of the First Faculty of Medicine of Charles University, as well as to all the friends, supporters and patrons of our faculty for their co-operation and support.

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



The Dean of the Faculty, Prof. Tomáš Zima, congratulating new alumni at the graduation ceremony in the large ceremony hall of the old renowned Karolinum



The Dean of the Faculty, Prof. Tomáš Zima, at the press conference on the results of the admission procedure and the development of e-learning at the Faculty



*Presentation of the book *General practical medicine* (by B. Seifert et al.). From the left: L. Houdek, T. Zima, B. Seifert, V. Beneš*

ACADEMIC SENATE



ACADEMIC SENATE

Dear academic citizens,

Let me to submit the report of the activities of the Academic Senate for the last year, 2006. The members of the Senate met in nine regular sessions altogether. During that period, there were no changes in the composition of members of this body.

In the first half of the year, most of the current agenda consisted in discussing the proposals of the Faculty's internal regulations. The changes to the Admission Procedure Regulations and to the Statute of the Faculty were passed and approved as amendments.

Further, the Senate discussed and passed complete proposals of the new internal regulations. Most important changes were those in the Studies and Examination Regulations. According to the amendment to the Act of Schools of Higher Education, this document was exempted from the sphere of internal regulation of the faculties and became a university regulation exclusively. The role of the old Studies and Examination Regulations, which regulated specific issues of particular faculties, was overtaken by a new internal regulation, called Rules for Organization of Studies and based on the above regulation of the university. It must be mentioned that these changes resulted not only in a new hierarchic order of regulations but also – and above all – in introduction of a new credit system of studies, which is based on the stand-

ards stated by the European Union. Therefore this credit system became binding for all faculties of the university.

Further proposals concerning internal regulations that the Senate dealt with were those of Rules of Evaluation of Tuition and Rules of Election and Procedure of the Academic Senate. The former document came into force, following the approval by the Academic Senate, while the latter was returned for further consideration.

Apart from the issues of legislation, some regular questions of non-legislative nature occurred in the agenda, such as the problem of the number of new students admitted. The Senate not only debated again the number of admissions but also discussed the strategies of establishing the ratio of the students admitted following the entrance examination and those admitted without an examination. Other regular agenda of the sessions included opinion on the accreditations of study programmes and their fields of studies. The Senate thus gave its opinion on accreditation or prolongation of accreditation of the fields of Biophysics, Physiotherapy, Nursing and Health Teaching.

Towards the end of the year the Senate was dealing with discussion of the proposal of sums of bursaries for outstanding progress in studies and the rules of their distribution. The way of distribution of the funds allotted for bursaries underwent changes based on the same legislative principles as in



*Bc. Marek Hilšer,
Chairman of the Academic Senate of the First Faculty of Medicine*

case of the above said Studies and Examination Regulations. A new aspect was the introduction of bursaries for outstanding progress in studies for students in English parallel classes, and there was a considerable increase in bursaries for students in Bachelor degree programmes.

In November the Senate submitted the proposal of a new composition of the Board for Evaluation of Tuition, whose members were subsequently appointed by the Dean. This Board then processed the results of the new system of evaluation of tuition, which for the first time was done in an electronic form. In the list of the activities, the discussion of the preliminary proposal of the Faculty budget for the fiscal year 2007, which was – on the suggestion by the Faculty management – conceived as a balanced one.

Not less important were those items on the agenda of the Senate that were due to the Senate members' own initiatives, or motivated by ideas of members of the academic community. So the analyses dealing with various issues of the Faculty were performed and discussed. One of these analyses monitored the quality of the web pages set up by the Faculty organization units, another tried to reflect the state of practical training of the students at clinical institutions. In December this initiative resulted in organizing a public discussion on the quality of practical training at particular clinical institutions, in which members of the Faculty management, teachers and students expressed their views.

To conclude with, I have the pleasant duty to express my thanks to all members of the Academic Senate who played an active role in this body in the past year, but also to all teachers and students who contributed to the improvement of our Faculty and its academic community by their ideas.

In 2006, the First Faculty of Medicine acted on the following internal regulations:

Statute of the First Faculty of Medicine
 Studies and Examination Regulations of the First Faculty of Medicine
 Doctoral Studies Regulations of the First Faculty of Medicine
 Scholarship Regulations of the First Faculty of Medicine
 Rules of Election and Procedure of the Academic Senate of the First Faculty of Medicine
 Rules of Procedure of the Scientific Council of the First Faculty of Medicine

Disciplinary Regulations for the Students of the First Faculty of Medicine
 Rules of Evaluation of Tuition by the Students of the First Faculty of Medicine
 Admission Procedure Regulations of the First Faculty of Medicine
 Rules for Organization of Studies at the First Faculty of Medicine

In the same year, these new regulations were passed:

- (1) Rules of Evaluation of Tuition by the Students of the First Faculty of Medicine, approved on by the Academic Senate of Charles University on 17th March 2006, came into effect on the same day (voiding thereby the Rules of Evaluation of Tuition by the Students of the First Faculty of Medicine of 31st October 2003).
- (2) Rules for Organization of Studies at the First Faculty of Medicine, approved on by the Academic Senate of Charles University on 1st December 2006, came into effect on 6th December 2006.

Further, internal regulations to amend some currently valid ones were passed by the Academic Senate of the First Faculty of Medicine:

- (1) An internal regulation to amend the Disciplinary Regulations for the Students of the First Faculty of Medicine was approved on 20th January 2006 and came into effect on the same day.
- (2) An internal regulation to amend the Admission Procedure Regulations of the First Faculty of Medicine approved on 20th January 2006 and came into effect on the same day.
- (3) An internal regulation to amend the Statute of the First Faculty of Medicine was approved on 17th March 2006 and came into effect on the same day.
- (4) An internal regulation to amend the Statute of the First Faculty of Medicine was approved on 13th October 2006 and came into effect on the same day.

The Doctoral Studies Regulations of the First Faculty of Medicine lost their effect by force of the internal regulation of Charles University in Prague – Amendment to the Studies and Examination Regulations of Charles University in Prague, which came into effect on 28th April 2006.

*Bc. Marek Hilšer
 Chairman of the Academic Senate
 of the First Faculty of Medicine*



Christmas concert in St. Catherine church in the garden of the departments of Psychiatry and Neurology of the First Faculty of Medicine and General Teaching Hospital, organized by the Humanitarian Club of Medics and the Faculty

MANAGING DIRECTOR OF THE GENERAL TEACHING HOSPITAL



MANAGING DIRECTOR OF THE GENERAL TEACHING HOSPITAL

Dear colleagues, teachers and students, supporters and friends of the First Faculty of Medicine,

One of the few points of time when we realize how fast the time is passing is the turn of the year. Only then, compiling our annual reports, we get fully aware of everything that happened in the past year and that we together created in 2006. The General Teaching Hospital and the First Faculty of Medicine have been walking side by side since the moment when the General Teaching Hospital or its parts were founded in the 18th century. It has been ages, in the literal meaning. This way has always been lined with successes as well as failures, both common and individual. The long-standing activity and endeavour of the managements of the General Teaching Hospital and the First Faculty of Medicine has led to cultivation of the environment and atmosphere that promotes work and establishment of multiprofessional and interdisciplinary teams. This is reflected not only in the scientific research, edu-

cation and therapeutic activities but also in the technical and service sphere. What did the year 2006 bring to the General Teaching Hospital, and what did the Hospital bring?

Organizational changes included the resignation of the former Managing Director of the General Teaching Hospital, Dr. Pavel Horák. Under his leadership the hospital made an economic breakthrough, getting from the red, and in 2005 there was again a plus balance, at 3.6 million CKR. Then I was put in charge of the management of the hospital from 1st May 2006 on, and confirmed as the Managing Director of the General Teaching Hospital in June, following a competition for the position. Further some more changes in the management followed. As a result of the respective competitions, Dr. Marcela Černická was appointed as the manager for therapeutical care, and Mr. Zbyněk Chotěborský as the manager for economy. In the sphere of economy and management, we carried on working with particular departments, clinics and institutes, monitoring the efficiency of their activities.

In the economy of the hospital there was a plus balance of 58.37 million Czech crowns (CKR 54.72 after taxation) by 31st December 2006. The consistent monitoring of liabilities also led to a considerable shortening of terms of payment with invoices.

The hospital management paid attention to the development of the organization units, and therefore we managed to build and furnish new premises for the Central Haematological Laboratories of the General Teaching Hospital and new dental outpatient department at 2 U Nemocnice, to modernize the centre of food intake disturbances at the Department of Psychiatry, and to open the centre of photonic medicine of the First Faculty of Medicine and General Teaching Hospital. Making use of the grant by the city authorities of Prague, we managed to open a new joint institution of the First Faculty of Medicine and General Teaching Hospital, the Centre of Addictology of the Department of Psychiatry at the Voračickýs Villa, which is an object of National Heritage.

With participation of the national budget, substantial renovations were launched at the 2nd Medical Department of the First Faculty of Medicine and General Teaching Hospital (renovation including replacement of the old coronarograph and setting up a new modern arhythmological centre), at the



MUDr. Jan Bříza, CSC., MBA
Managing Director of the General Teaching Hospital in Prague

Department of Gynaecology and Obstetrics (renovation of a part of the outpatient department and the centre of sonography), and at the Faculty Polyclinic (setting up modern outpatient services of the Centre of Therapy of Demyelization Diseases, including two evacuation lifts).

Also joint activities of the General Teaching Hospital and First Faculty of Medicine continued to gain accreditation of institutions of postgraduate education, which legally is responsibility of the hospital but will be risen to a higher degree of quality when we act together and employ the scope of possibilities of the First Faculty of Medicine.

The institutions of the General Teaching Hospital and the First Faculty of Medicine achieve high standards of medical and nursing care, as well as of research and education. In 2006, very important discoveries were achieved, even with world-wide priority. However, there are problems too, and not just a few. We have begun solving many of them. Above all, we are interested in more consistent use of computer technology in registration of costs and circulation of supplies. The output will be, in particular, a more accurate analysis of activities, and economy of labour and time. Even though we can boast with quite a number of doubtless achievements, such as completed and defended grant projects, excellent results of the research concept of the hospital as well as the results of therapy and figures of economy, many problems have not been fully solved yet. And it is not only about the technical problems of the hospital premises, although these certainly prevail.

What I find an important asset of 2006 is the continuously high level of co-operation between the General Teaching Hospital in Prague and the First Faculty of Medicine of Charles University, which is especially useful in solution of the identified problems with the respect to the needs of both institutions. It also has an essential impact on mutual consultation and co-ordination of development programmes. It is natural that in the managements of the Hospital and Faculty we have been working on the plans for 2007 and the following years for quite a long time already.

Now, what we want to achieve in 2007. We are a hospital of key importance with top quality teams, who provide health care on a high level of quality. Quite a number of our units have been certified or accredited in the ISO system. Some of them have successfully passed the re-certification or re-ac-

creditation procedures several times. This is a good departure point for the development of accreditation or certification activities in the system of quality control for more health-care or other institutions and units of the General Teaching Hospital. We all know how the hospital setting looks like. The best part of these new activities is covered by the ESF grant "Quality in General Teaching Hospital" (CZ.04.3.07/4.102.3/4043). Another successful activity is the ESF project "Garden" (CZ.04.3.07/2.1.01.2/2205), which – based on the principle of protected workshops – helps a specific group of patients of the Department of Psychiatry in integration into life and at a time promotes revitalization of St. Catherine garden.

The location of the Hospital in the city centre naturally calls for communication and close co-operation with the district authorities of Prague 2 and the city authorities of Prague in the sphere of city planning, communications and opening the hospital gardens to the public as well. With substantial grant support by the city authorities, the front façade of the baroque style building of the former Jesuit college, now housing the 3rd Medical Department of the First Faculty of Medicine and General Teaching Hospital. We would like to continue repairing the façades as well as the interior of the buildings in order to improve the environments and the access to the institutions there.

There is still a lot to do for us. The thing we must hold for essential is the need to provide a modern university hospital, working at a high professional and human level up to the modern standards, in a cultured environment that is worthy of the patients, students and staff. This all can only be achieved through intensive and co-ordinated effort and excellent team work. I hope that in 2006 we did our best to contribute to this.

I must thank the patients of the General Teaching Hospital for their loyalty and tolerance of all that construction and renovation in progress. It has been, and will be, our sincere goal to provide the best care and use the best knowledge for the good of the ill. I thank all the staff of the General Teaching Hospital and the First Faculty of Medicine for their good and creative work. Above all, I thank the friends and supporters of the General Teaching Hospital in Prague, the First Faculty of Medicine of Charles University in Prague and the allied institutions – the Institute of Haematology and Blood Transfusion and Institute of Rheumatology – for their assistance and support.

*MUDr. Jan Bříza, CSc., MBA
Managing Director
of the General Teaching Hospital in Prague*



The General Teaching Hospital in Prague



Press conference on Sigmund Freud's 150th birthday, held in the garden of the Department of Psychiatry of the First Faculty of Medicine at presence of the Minister of Health of the Czech Republic

MANAGEMENT



THE FIRST FACULTY OF MEDICINE – MANAGEMENT

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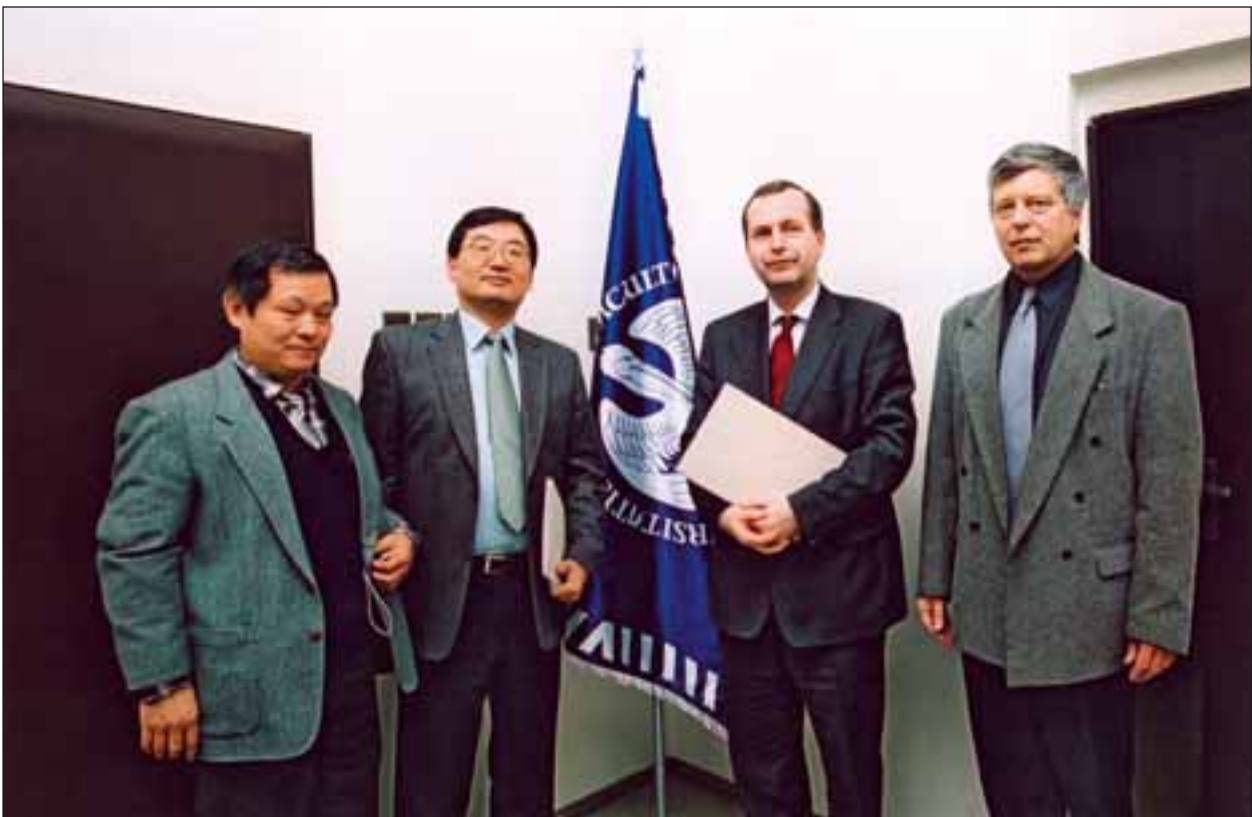
prof. Dr. Josef Kadlec, S.J.
prof. Dr. Jan Klášterský
prof. Dr. Jiří Městecký
prof. Dr. Alexandr Schirger
prof. Dr. Emil Skamene
MUDr. Tomáš Klíma, CSc.
Eugene Garfield, Ph.D.
prof. MUDr. Adolf Stafel, Ph.D.



Graduation ceremony in the large ceremony hall of the old renowned Karolinum

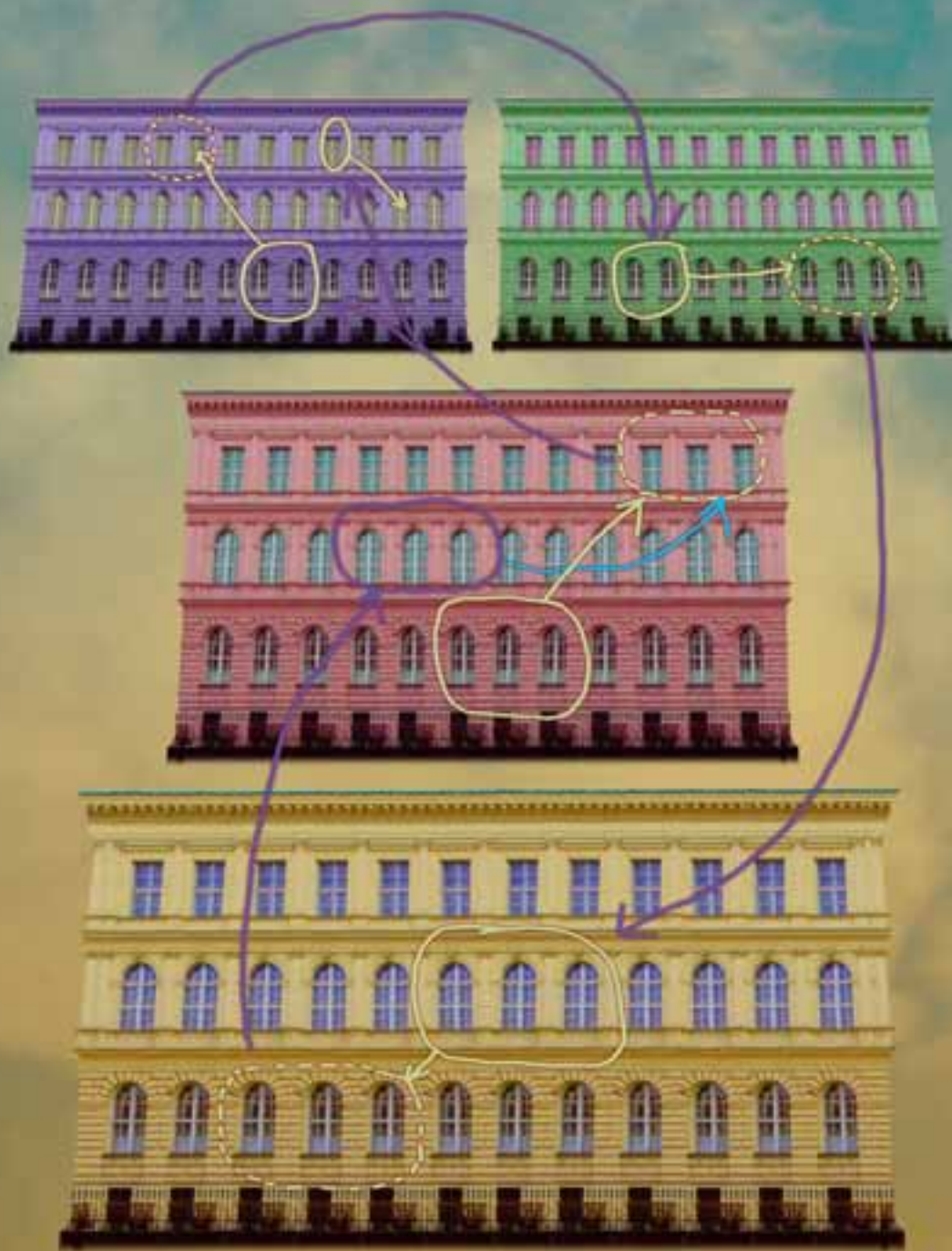


Prof. Tomáš Zima, the Dean of the Faculty, signing the contract with the rector of Y. I. Horbaczewski State Medical University in Ternopil, Prof. Leonid Y. Kovalchuk (right)



Signing the contract between the First Faculty of Medicine and Taiwan Springbok Transpolo Group agency

ORGANIZATIONAL CHANGES



ORGANIZATIONAL CHANGES AT THE FIRST FACULTY OF MEDICINE

During the year 2006, a few changes were done at the posts of the Heads of some institutes and clinical departments (as shown in the table below), and two changes also involved the organizational structure of the Faculty:

- By 31st December 2006, the Department of Medicine at Strahov ceased to be a unit of the First Faculty of Medicine.
- By 1st January 2007, the organizational status of the Institute of Medical Biomodels was changed, which thus became the Centre of Medical Biomodels.

A favourable trend was observed in 2006 in the development of the age structure of the staff: there was an increase in the number of young employees below 29 years of age, and a slight increase in the number of those below 39 and 49, while the number of employees over 50 and – even more considerably – over 60 years of age was decreasing.

In 2006, intensive preparations were carried on for the complex reconstruction of the buildings at 32 Kateřinská,

3 Na Bojišti and 4 U Nemocnice, and at a time the work on documentation of more Faculty's buildings was in progress, which would be reconstructed between 2007 and 2012. The project of reconstruction of the premises of the Institute of Physiology at Albertov has already taken a definite and detailed form.

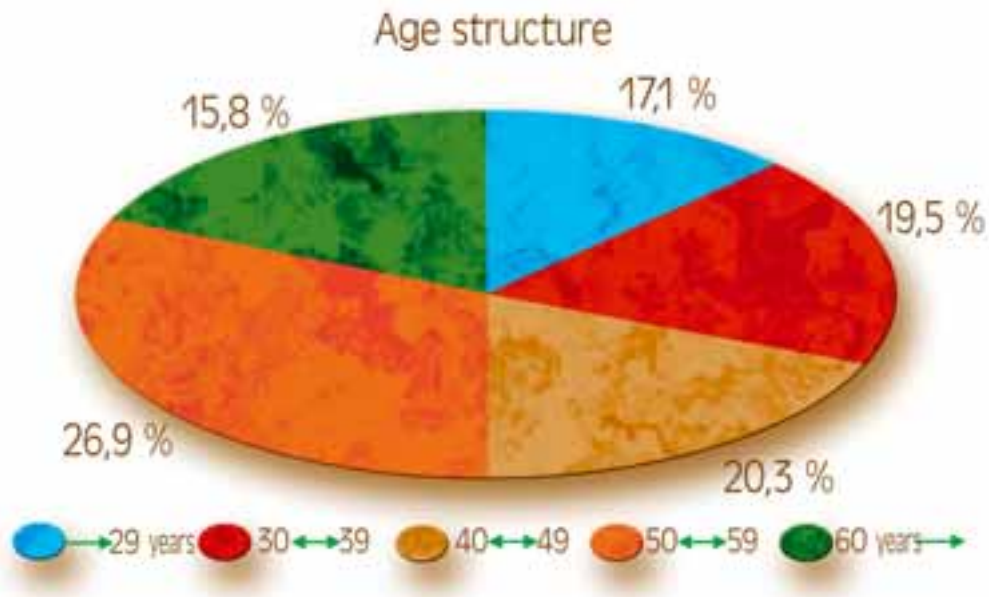
Throughout the second half of 2006, intensive talks were in progress about the prospect of the Albertov Campus construction as a joint project of four faculties of Charles University: the First Faculty of Medicine, Faculty of Natural Science, Faculty of Mathematics and Physics, and Faculty of Humanities Studies. In the course of these talks, the project gained a more definite form as well, resulting from the needs of the faculties involved, in particular from their increasing scientific potential and educational capacity, and based necessarily on the consensus of all the four faculties, achieved in repeated consultation at various levels of their management.

*Prof. MUDr. Otomar Kittnar, CSc., MBA
Vice-Dean for Development
of the Faculty and International Students*

Institution	
	Appointed as the Head by 1 Feb 2006
Department of Neurology of the First Faculty of Medicine and General Teaching Hospital	Prof. MUDr. Evžen Růžička, DrSc.
	Appointed as the Head by 1 Sep 2006
Institute of Scientific Information of the First Faculty of Medicine and General Teaching Hospital	Mgr. Hana Skálová
	Appointed as the provisional Head by 1 Jan 2006
Department of Radiodiagnostics of the First Faculty of Medicine and Teaching Hospital Na Bulovce	MUDr. Jaroslava Drechslerová, CSc.

Survey of the age structure of the employees in 2006

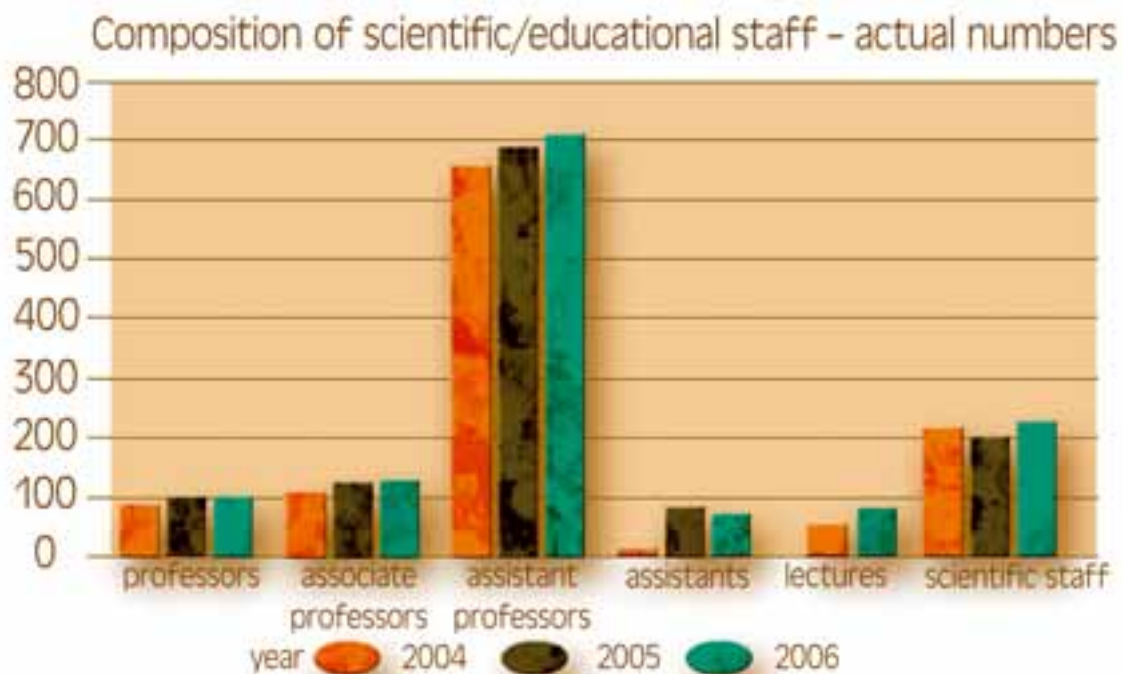
Age	Percentage
up to 29 years	17.08
30–39 years	19.92
40–49 years	20.26
50–59 years	26.91
60 years or more	15.83



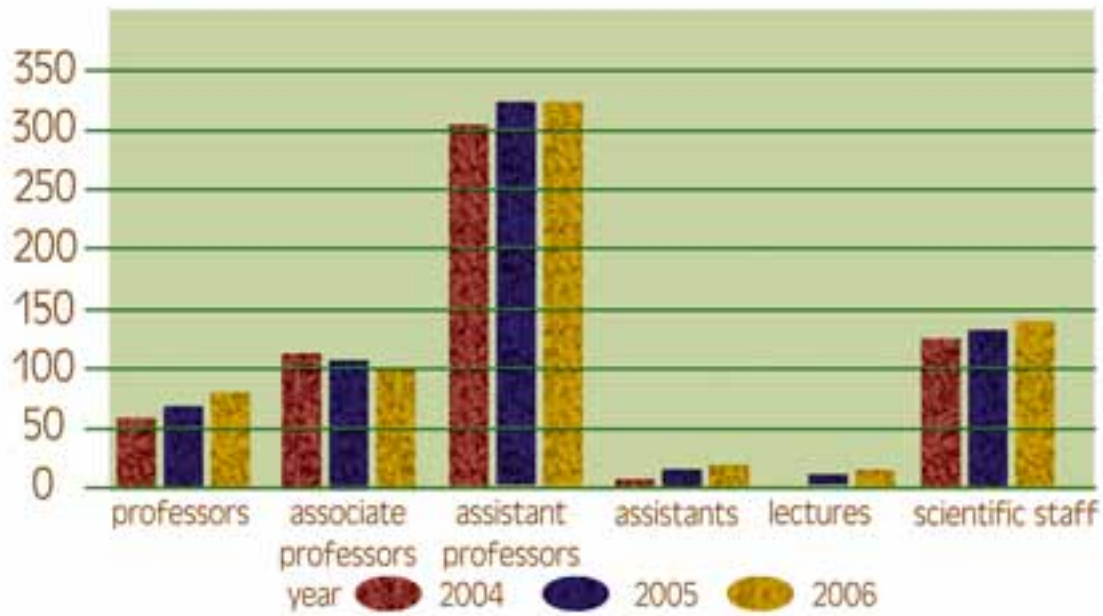
Composition of scientific/educational staff between 2004 and 2006

	2004		2005		2006	
	actual number of employees	average converted full-time positions	actual number of employees	average converted full-time positions	actual number of employees	average converted full-time positions
total	1,128	603.369	1,270	636.624	1,355	678.287
professors	87	62.355	100	70.394	100	78.912
associate professors	130	103.592	139	99.612	143	98.294
assistant professors	655	314.718	697	321.585	715	320.656
assistants	25	8.902	78	14.366	71	24.145
lecturers	0	0	48	3.986	82	23.756
scientific staff	231	113.802	208	126.681	238	132.524

The actual number of employees is always given by 31 December of the respective year.



Composition of scientific/educational staff-average converted



Workplace equipped for diagnosis and treatment of heart rate disturbances at the 2nd Medical Department of the First Faculty of Medicine and General Teaching Hospital

EDUCATION



EDUCATION

BRIEF SURVEY OF TUITION

Branches of studies

At the time, the First Faculty of Medicine provides university education in the following scope: study of general medicine and study of dentistry, Bachelor degree studies in the branches of addictology, nursing, medical technology, occupational therapy and physiotherapy, as well as studies in the follow-up Master degree programmes of medical technology and informatics, and nursing science directed towards health teaching in secondary education.

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

The First Faculty of Medicine assists some other faculties in education of their students, providing coherent training in the form of courses in the relevant subjects, including examination.

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, and takes an extensive part at professional (pre-certification)

training. The First Faculty of Medicine ranks among the founders of the University of Third Age; the studies here have lasted since 1987 without interruption. The teachers of the First Faculty of Medicine teach in some programmes of other faculties as well. The Faculty organizes preparatory courses for the applicants who want to study medicine.

Entrance procedures

New students were admitted according to the scores of written tests in physics, chemistry and biology. Prior to the entrance exam, the whole set of test questions had been published. Out of these questions, a test at the presumed level of difficulty was made up, using the method of random choice by a computer, immediately before the examination. The scoring and compiling the list stating the sequence of applicants according to the scores were done by a computer as well.

Organization of studies

The main concern of the Faculty is to provide medicine studies, implemented in a six-year course, and studies of dentistry, which is implemented in a five-year course. Concurrently, education in the old programme of Stomatology was implemented, which started being gradually replaced by the programme of Dentistry in 2004 so that the dental education will be harmonized with the requirements of the European Union.



*Prof. MUDr. Stanislav Štípek, DrSc.
First Vice-Dean and Vice-Dean for Education*



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

In the clinical part of the programmes, the studies are organized in the "block system", with the aim to create self-contained blocks of subject matter even within particular subjects. The completed blocks are immediately followed by review of study progress, in the forms incorporated in the Studies Regulations (credits, examination). The Bachelor degree studies are organized in such a manner so that the system can enable mobility of students between the branches of study within the Faculty as well as the whole Charles University. The follow-up Master degree programmes are two-year ones.

2006 was already the third year of implementation of tuition in the programme of Dentistry according to the new curriculum, emphasizing the training of students within the first two years of studies in manikin laboratories and – at a time – requiring modification of the curricula in theoretical as well as preclinical subjects in order to optimize the students' training so that they will be prepared for real patient care. To enable the tuition of dental subjects during the reconstruction at 32 Kateřinská, the premises of the Department of Stomatology at 32 Charles Square were equipped with new dental care sets, which fully meet the modern standards of dental training. Another manikin laboratory was built and furnished there as well. The still increasing interest from not only Czech but also international students proves that the teachers work at a full stretch to provide the dentists-to-be with high quality professional education. Another proof of this fact is the success of our undergraduate students of stomatology in students' professional scientific conferences.

Curriculum

The First Faculty of Medicine meets – in all their aspects – the recommendations of the European Union Commission and

its Commission for Medical Education. In all the curricula, the content matter of the training is being gradually shifted from theoretical subjects via preclinical ones to clinical studies.

Up to the academic year 2005–2006 the course of studies was subdivided into years. In 2006, new Rules for Organization of Studies at the First Faculty of Medicine were issued, which – basing on Studies and Examination Regulations of Charles University valid from 2006 – introduce the subdivision of the course of studies into semester or year sections, and European Credit Transfer System (ECTS) was introduced to evaluate the progress of studies. Each subject in all programmes of studies was given a certain number of credit points, reflecting the duration and degree of difficulty of the subject. The curricula are structured into sections, which comprise one semester or one year. To enrol for the next section of studies, the student has to gain a certain number of credit points, at least the minimum number of credit points (the standard being 30 points per semester or 60 points per year). The established scale of marks (excellent, very good, good, failed) to evaluate the performance on examination has been preserved as well. When enrolling for the next section of studies, the student has the possibility of choice from the list of compulsory and elective as well as optional subjects.

However, education in medical and health disciplines requires a qualified methodological approach. For this reason, some prerequisites have been stated for a number of subjects, defining the necessity of completing certain other subjects prior to the enrolment for the given subject. For each study programme, recommended curricula have been formulated.

In theoretical subjects, the syllabuses have been widened, above all to include the recent knowledge in molecular biology. Clinical teaching takes place in the General Teaching

Hospital as well as at a number of other clinical institutions. The decisive factor for the choice of these institutions is only the evaluation of their professional capacities for teaching. This is also the case with possible practical training at health care institutions abroad, provided that these confirm in advance they are able to provide the whole scope of training asked for. Evaluation of the tuition is done by the students as well. Since 2006 they have had the access to special software for that purpose at the Faculty web. This system is also motivating for the teachers, thereby contributing to a higher quality of teaching.

The scope of possibilities provided by the Study Information System (SIS) for both the students and teachers has been extended. The system enables electronic enrolment and registration of study subjects, terms of exams and records of their outcomes, including the printing of current as well as annual records of credits and examinations. In 2006 it was completed with the d-base form of publication of the syllabuses, with a link to multimedia tuition.

Electronic form of tuition (e-learning)

In 2006, a system was installed at the Faculty information web, employing modern information technologies in order to support multimedia tuition in the form of an e-learning supplement to the classic full-time education. The dean of the Faculty established the board for e-learning. Most teach-

ers were involved in the creation of the system from the very beginning, and at every Faculty institution one of the teachers was appointed to take responsibility for integration of the institution in the Faculty e-learning system. A series of classes to instruct the staff in new methods of tuition was organized in 2006. The software was chosen in such a way that it would enable to employ modern information technology (IT) in education as much as possible and – at a time – could be mastered by those teachers who are not IT professionals. The Faculty board for e-learning, having tested several programmes, recommended two systems to be used by the Faculty staff for creation and organization of electronic tuition (Learning Management Systems, LMS). BREEZE by Adobe corporation (Macromedia) is intuitive and user-friendly, and does not require long training. The other recommended LMS is MOODLE, provided free to all faculties of Charles University. An educational server and a Faculty tuition portal were established, where hundreds of lectures, complete with the sound-tracks, and e-learning courses are available to students in order to facilitate the preparation for classic, and above all practical training. To enable the access to digital learning materials, the Faculty offers the students several computer resource rooms freely, and builds its own WiFi network as a part of the EduRoam project. At the premises of the Faculty, 52 WiFi network access points have already been installed. Software service of multimedia teaching aids was secured for the authors. The

Students – Czech nationals

branch	1 st yr	2 nd yr	3 rd yr	4 th yr	5 th yr	6 th yr	total
medicine	413	238	205	212	201	210	1,479
dentistry and stomatology	33	46	30	27	30	26	192
nursing – full-time	28	20	17	–	–	–	65
nursing – combined	39	33	20	33	–	–	125
addictology	37	–	–	–	–	–	37
occupational therapy	34	22	31	–	–	–	87
physiotherapy	49	33	32	–	–	–	114
medical technology	26	14	20	–	–	–	60
Master – nursing	51	41	–	–	–	–	92
Master – techn. & informatics	13	15	–	–	–	–	28
total	723	462	355	272	231	236	2,279

International students (paying students)

branch	1 st yr	2 nd yr	3 rd yr	4 th yr	5 th yr	6 th yr	total
medicine (+ paying students)	199 (86)	172 (82)	111 (32)	86 (12)	78 (17)	103 (38)	749 (267)
dentistry and stomatology (+ paying students))	33 (19)	20 (9)	8	4	6 (1)	6	77 (29)
addictology	1	–	–	–	–	–	1
occupational therapy	3	1	1	–	–	–	5
physiotherapy	10	5	2	–	–	–	17
nursing – full-time	–	–	–	–	–	–	–
nursing – combined	6	10	7	–	–	–	23
medical technology	4	3	–	–	–	–	7
Master – health teaching	1	–	–	–	–	–	1
Master – techn. & informatics	–	1	–	–	–	–	1
Total (+ total of paying students)	257 (105)	212 (91)	129 (32)	90 (12)	84 (18)	109 (38)	881 (+ 296)

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

Number of students: Czech / international (incl. paying students)	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
medicine	1,907/314 (36)	1,930/151 (54)	1,739/187 (64)	1,672/192 (101)	1,829/260 (145)	1,702/334 (175)	1,669/395 (165)	1,448/575 (171)	1,579/713 (188)	1,395/939 (201)	1,362/711 (215)	1,567/586 (228)	1,558/916 (242)	1,479/1016 (267)
stomatology/dentistry	168/9	151/13 (8)	132/17 (11)	168/20 (14)	260 (15)	217/32 (19)	239/42 (18)	246/52 (16)	257/48 (15)	239/66 (17)	289/49 (14)	264/32 (16)	243/43 (11)	192/106 (29)
nursing full-time	49/2	70/1	75	76	72	77	80	74/1	77/1	67/2	62/6	63/3	66/2	65
nursing combined	25	55	64	81	87	92/2	92/3	101/6	111/7	120/7	127/18	124/4	109/21	125/23
addictology	–	–	–	–	–	–	–	–	–	–	–	–	–	37/1
occupational therapy	–	21	35/2	47/3	56/2	83/3	110/3	130/1	83/1	81/11	91/8	89/3	91/3	87/5
physiotherapy	–	–	–	–	–	–	–	–	48/2	48/3	56/6	52/17	77/6	114/17
medical technology	–	15	22	38/1	49/1	64/1	67	55/1	61/3	50/4	61/11	57/5	61/3	60/7
Master – health teaching	–	–	–	–	–	–	–	–	–	25	59/1	64	69	92/1
Master – techn. & informatics	–	–	–	–	–	–	–	–	–	21	38/0	38/1	40/1	28/1

authors of e-learning lectures and courses in BREEZE can also make use of the BREEZE on-line support, which includes manuals for publishing in the BREEZE system. The web page with the BREEZE on-line support is available on <http://el.lf1.cuni.cz/podporabreeze>. Methodological support for electronic publishing is provided by the Centre for Support of E-learning, attached to the Computer Technology Department.

A number of informative events were organized for the public (University and Faculty open days, Gaudeamus).

In 2006, the Faculty gave the opinion in 115 cases of applications for recognition of university-level education according to international agreements.

Education in non-medical health care fields

In the academic year of 2005-2006, as many as 663 students were studying at the First Faculty of Medicine of Charles University in non-medical programmes. This number includes

Number of students in Bachelor and follow-up Master degree programmes in the academic year 2005–2006

Bachelor programmes	Number of students
Nursing full-time	65
Nursing combined	148
Occupational therapy	92
Physiotherapy (in Prague)	56
Physiotherapy (in Mariánské Lázně)	75
Medical technology	67
Addictology	38
Bachelor programmes – total	541
Follow-up Master programmes	
Medical technology and informatics	29
Health teaching for secondary schools	93
Master programmes – total	122
Non-medical programmes – total	663

Graduates in Bachelor degree programmes in 2005–2006

Field	Nursing full-time	Nursing combined	Occupational therapy	Physiotherapy	Medical technology	Total
2005	16	31	16	16	14	93

541 students in Bachelor degree programmes and 122 students in follow-up Master degree programmes. In the same year, the total number of 93 students in Bachelor degree programmes and 32 students in follow-up Master degree programmes graduated.

During the year, the accreditation procedures for the programme in Intensive Care, and the studies of this field can be commenced at the Faculty in the academic year 2007-2008, at the level of a Master degree programme. In 2006, the preparation of the accreditation procedure for the field of nutritional therapy was completed, and we can presume that the Faculty will gain the approval to commence the tuition in the academic year 2007–2008 as well.

Continuity in the process of education in all the above fields is provided and co-ordinated by experienced teaching staff, put in charge by the Dean of the Faculty as expert supervisors.

Like in the previous years, the management of the First Faculty of Medicine of Charles University tries to gradually achieve the goals of the “The Sorbonne Declaration” (ratified in 1998), and the “Bologna Declaration” (ratified in 1999). The need of the society in extension of non-medical health care education programmes results in high demand on the whole teaching staff not only in the sphere of special educational processes but also in the aspect of co-ordination of both theoretical and particularly in practical tuition. On the other hand, the interest in our alumni from potential employers in health care services is really pleasing. Equally pleasing is the fact that in 2006, for the first time, the students of non-medical programmes held their own students’ professional scientific conference.

Graduates in the follow-up Master degree programmes in 2005–2006

Field	Number of graduates
Medical technology and informatics	6
Health teaching for secondary schools	26
total	32



*Doc. MUDr. Petr Bartůněk, CSc.
Dean's Board member in charge of Bachelor degree programmes*

Postgraduate medical education

Again, like in many past years, postgraduate courses were provided (17 in number) under the administration of the Department for Further Education of Medical Doctors of the First Faculty of Medicine, as well as 85 seminars at the institutes and clinical departments. The total number of the physicians who participated was 3,640. Some of them, in accordance with the Professional Regulation Nr 16 of the Czech Medical Chamber, obtained a certificate, some of them credit points depending on the number of lessons attended.

Apart from the above events, 55 seminars were organized by pharmaceutical companies, with 3,004 physicians attending. Compared to 2005, there was a 50 per cent increase in the number of events and an 18 per cent increase in the number of participants.

Third-age University of the First Faculty of Medicine

Tuition for the third-age university at the Faculty was provided for 1st and 2nd years of studies, as shown in the List of Lectures of the First Faculty of Medicine of Charles University. Most teachers were the Heads of institutes and departments or outstanding specialists from the respective institutions. The standard of the lectures was high, and they met an excellent response from the participants. There were about 60 students in either year of the course.

The ceremony of completion of the 2nd year, connected with handing in the certificates of the Ministry of Education, Youth and Sport of the Czech Republic, was held in Karolinum in June 2006, at presence of the Dean and many teachers of the First Faculty of Medicine.

On the finance obtained from the Ministry of Education, Youth and Sport in 2006, duplicated textbooks were provisioned, two volumes for either year plus three volumes of ac-

companying illustrations. The print of these textbooks was completely covered by the subsidy. The Club of Third-age University Alumni at the First Faculty of Medicine assembled to attend lectures in the lecture hall of the 3rd Department of Medicine every Tuesday at 1 p.m. The weekly attendance was about 130 club members. In the winter semester, the lectures were read by Prof. Schreiber, in the summer semester a course of 12 lectures on stem cells was organized. The lectures were read by specialists from the Faculty and Academy of Sciences of the Czech Republic.

CO-OPERATION WITH OTHER FACULTIES AND UNIVERSITIES IN THE SPHERE OF EDUCATION

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

Faculty of Education, Charles University in Prague

For the 1st to 3rd years of the programme of Special Pedagogy, 340 lessons are taught by our teachers (Institute of Physiology, Institute of Foreign Languages, Department of Rehabilitation Medicine, Department of Phoniatics, Department of Neurology).

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

Faculty of Philosophy and Arts, Charles University in Prague

The tuition in question is for the 5th year full-time students and 4th to 6th year external students in the programme of Patient Care. The following are engaged in the teaching: Institute of Nursing Theory and Practice, 3rd Medical Department

– Clinical Department of Endocrinology and Metabolism, 2nd Surgical Department – Clinical Department of Cardiovascular Surgery, Department of Paediatrics and Adolescent Medicine, Department of Psychiatry, Institute of Pathology, Department of Gynaecology and Obstetrics.

Second Faculty of Medicine, Charles University in Prague

The Department of Occupational Diseases provides clinical placements for the Medical Department of 2nd Faculty of Medicine, and takes part in examining at Rigorous State Examinations.

Faculty of Natural Science, Charles University in Prague

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

Histology is taught for one term for the programme of Parasitology.

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

Czech Technical University in Prague (ČVUT)

Three teachers are engaged in tuition of students in Bachelor degree programmes, in the subjects Basic Apparatus Equipment, and Imaging Techniques.

They teach the following subjects in the follow up Master degree programme Medical Technology and Informatics:

In the first year – Information and communication technology in health care, Economics, Management, Mathematics for non-engineering branches, Imaging techniques I, Technical aspects of medical appliances I, Database systems in biomedicine and health care.

In the second year – Imaging techniques II, Aggregation of data for decision-making, Technical aspects of medical appliances II.

They take part in the Final State Examination.

Institute of Chemical Technology (VŠChT) in Prague

The tuition of the subject Analytic Toxicology was introduced at this university-level college by the teachers of the Institute of Forensic Medicine and Toxicology in 1995, within a grant project of the Fund of Development of Universities; now it is provided by the teachers of the College as well. In teaching the facultative subject of Analytic Toxicology, VŠChT teachers participate. The teachers of the Institute of Clinical Biochemistry teach the students of the College on a long-term basis as well.

University of Perugia

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

*Prof. MUDr. Stanislav Štípek, DrSc.
First Vice-Dean and Vice-Dean for Education*

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

*Doc. MUDr. Petr Bartůněk, CSc.
Dean's Board member in charge
of Bachelor degree programmes*

*Prof. MUDr. Radomír Čihák, DrSc.
responsible for U3V at the First Faculty of Medicine*

GRADUATES FROM CHARLES UNIVERSITY – FIRST FACULTY OF MEDICINE IN THE YEAR 2004

On 30th June 2006 – at 10.30 a.m.

- In the Master degree programme of general medicine, the following completed her studies with honours:
Eliška Klímová, born in Klatovy
- Further, the following completed their studies in the Master degree programme of general medicine:
Michal Barna, born in Ústí nad Labem
Jaroslav Betka, born in Prague
Nina Dusílková, née Egorova, born in Sankt Petersburg, Russia
Jitka Dvořáková, born in Duchcov
Gabriela Hrádková, born in Pelhřimov
Petra Hřiňová, born in Kroměříž
Daniela Hůdková, born in České Budějovice
Michal Huml, born in Domažlice
Markéta Chládková, born in Prague
Petr Chramosta, born in Mladá Boleslav
MUDr. Petr Jandl, born in Prague
Jan Ježek, born in Prague
Eva Jurková, born in Mostišťe
Pavel Kožner, born in Prague
Michaela Krcpová, born in Šumperk
Libuše Kučerová, born in Písek
Anna Lenčová, born in Nová Baňa
Vít Malý, born in Jihlava
Robert Manek, born in Prague
Kateřina Maxová, born in České Budějovice
Josef Novotný, born in Opočno
Lucia Pacherová, born in Bratislava
Jana Picmausová, born in Prague
Jan Povolný, born in Kladno
Ján Rosa, born in Košice
Lucie Staňková, born in Ústí nad Labem
Tomáš Suchý, born in České Budějovice
Jan Svoboda, born in Prague
Pavel Šebor, born in Prague

On 30th June 2006 – at 12 (noon)

- In the Master degree programme of general medicine, the following completed her studies with honours:
Tereza Fialová, born in Ostrava
- Further, the following completed their studies in the Master degree programme of general medicine, the following completed their studies:
Alexandra Čekelová, born in Spišská Nová Ves
Zuzana Frankovičová, born in Spišská Nová Ves
Marcela Hejtmanová, born in České Budějovice
David Choluj, born in Karlovy Vary
Iva Koberová, born in Prague
Michaela Koberová, born in Most
Michaela Peroutková, born in Trutnov
Barbora Schutová, born in Bojnice
Mgr. Radka Skácelová, née Gründelová,
born in Frýdek-Místek
Ivana Svoreňová, born in Komárno
Jana Škodová, born in Varnsdorf
Katarína Vargová, born in Košice
Oldřich Vincent, born in Hradec Králové
- In the Master degree programme of general medicine, the following completed their studies in English language:

Delphine Coyle, born in London, Great Britain
Kateryna Deykun, born in Krivoy Rog, Ukraine
Andreas Gavriil, born in Athens, Greece
Syed RizvKhurram i, born in Karrachi, Pakistan
Rahul Kumar, born in Patna, India
Nancy Loa, born in Rotenburg, Germany
Filippos Venetsanos, born in Athens, Greece
Arem Wasim, born in Ranchi, India

On 26th July 2006 – at 9 a.m.

- In the Bachelor degree programme of nursing science, branch nursing, the following completed their studies:
Dita Becková, born in Brno
Gabriela Benešová, born in Pelhřimov
Eva Broučková, born in Frýdlant v Čechách
Lucie Bulířová, born in Mělník
Jana Grešková, born in Snina
Kamila Grohová, born in Louny
Silvie Henychová, born in Prague
Bohumila Hirjáková, born in Humenné
Veronika Hrušková, born in Prague
Kristína Jenčková, born in Vranov nad Topľou
Alice Jiráčková, born in Čáslav
Pavla Kubátová, born in Český Brod
Dagmar Kučerová, born in Most
Veronika Martincová, born in Prague
Vendula Mottlová, born in Děčín
Irena Parezová, born in Prague
Lenka Peršínová, born in Prague
Dana Polanská, born in Most
Pavčina Prosecká, born in Písek
Věra Straková, born in Prague
Iva Strnadová, born in Kolín
Marta Vřolková, born in Žďár nad Sázavou
Radka Zemanová, born in Most
Kateřina Žížková, born in Kolín

On 26th July 2006 – at 10.30 a.m.

- In the Bachelor degree programme of specialization in health care, branch occupational therapy, the following completed their studies:
Tereza Janatová, born in Prague
Radka Janoušková, born in Liberec
Marie Kadlecová, born in Prague
Lenka Kosíková, born in Prague
Natálie Mankovecká, born in Rakovník
Katarína Matúšová, born in Povážska Bystrica
Robert Náhlý, born in Vítkov
Milan Prudký, born in Tábor
Petra Šejdová, born in České Budějovice
Veronika Žďárská, born in Jaroměř
- In the Bachelor degree programme of specialization in health care, branch physiotherapy, the following completed their studies:
Lenka Burešová, born in Teplice
Karolína Došelová, born in Pardubice
Martina Drobníčková, born in Klatovy
Barbora Dvořáková, born in Karlovy Vary
Monika Dvořáková, born in Písek
Martina Hacklová, born in Sušice
Martina Ipolťová, born in Městec Králové
Jason Tufikameni, born in Windhoek, Namibia
Romana Klečková, born in České Budějovice

Jakub Kreuter, born in Děčín
 Tereza Petrová, born in Prague
 Lucie Říhová, born in Pelhřimov
 Tomáš Skalický, born in Teplice
 Barbora Štěpánová, born in Vysoké Mýto
 Marie Štrinclová, born in Liberec
 Ivana Štvrtňová, born in Frýdek-Místek

On 26th July 2006 – at 12 (noon)

- In the Bachelor degree programme of specialization in health care, branch medical technology, the following completed their studies:
 Jana Vydrová, born in Prague
 Martin Beroušek, born in Prague
 Stanislav Brožík, born in Prague
 Vojtěch Hána, born in Klatovy
 Miroslav Kuchta, born in Náchod
 Michal Podzimek, born in Prague
 Jakub Svačina, born in Prague
 Tomáš Špaček, born in Prague
 Zdeněk Telička, born in Ostrava
 Vojtěch Zdráhal, born in Rychnov nad Kněžnou
- In the Bachelor degree programme of nursing science, branch nursing, the following completed their studies:
 Barbora Dibdiaková, born in Banská Bystrica
 Eliška Hanzlová, born in Prague
 Lucie Jirková, born in Prague
 Zuzana Kounovská, born in Prague
 Jana Lehečková, born in Prague
 Terezie Machová, born in Náchod
 Iva Marková, born in Benešov
 Martin Materna, born in Hlinsko
 Lucie Ondřichová, born in Prague
 Zuzana Vagnerová, born in Kolín
 Jiřina Vinšová, born in Prague
 Petra Zikánová, born in Prague

On 26th July .2006 – 1.30 p.m.

- In the Master degree programme of nursing science, branch health teaching for secondary schools, the following completed their studies:
 Tereza Al-Hiti, born in Nové Město na Moravě
 Markéta Bednářová, born in Mladá Boleslav
 Renata Bryndová, born in Kutná Hora
 Zdeňka Cipínová, born in Český Krumlov
 Hana Dandová, born in Prague
 Andrea Dvořáková, born in Olomouc
 Jana Hanousková, born in Prague
 Lenka Jakubková, born in Prague
 Lucie Karalová, born in Přerov
 Pavla Kárníková, born in Kladno
 Markéta Krajcová, born in Písek
 Martina Kusáková, born in Liberec
 Ilona Lállová, born in Beroun
 Petra Matoušová, born in Prague
 Helena Němečková, born in Prague
 Petra Stará, born in Příbram
 Tereza Stupavská, born in Třebíč
 Lenka Šmídová, born in Turnov
 Jana Štěpánková, born in Liberec
 Klára Talířová, born in Český Krumlov
 Markéta Tisová, born in Benešov
 Ilona Umlaufová, born in Most

Ludmila Vavrochová, born in Prague
 Jana Vodičková, born in Havlíčkův Brod

- In the Master degree programme of specialization in health care, branch medical technology and informatics, the following completed their studies:
 Žaneta Bryšková, born in Ústí nad Orlicí
 Miroslav Fikar, born in Jablonec nad Nisou
 Petr Matějčíček, born in Prague

On 27th July 2006 – at 9 a.m.

- In the Master degree programme of stomatology, the following completed their studies:
 Mihaela Apostol, born in Bucuresti, Romania
 Pavla Brátová, born in Trutnov
 Lukáš Comba, born in Levoča
 Helena Čejková, born in Mariánské Lázně
 Ruzanna Dzhagaryan, born in Moscow, Russia
 Jana Foubíková, born in Prague
 Martin Gála, born in Prachatice
 Andrea Chleborádová, born in Kyjov
 Sandra Jeriová, born in Česká Lípa
 Radka Kawalcová, born in Havířov
 Matuš Klamo, born in Michalovce
 Karel Klíma, born in Prague
 Petr König, born in Prague
 Dagmar Korelusová, born in Kladno
 Kateřina Kovandová, born in Prague
 Martina Křížová, born in Prague
 Miloš Mejstřík, born in Liberec
 Michaela Micková, born in Prague
 Zuzana Miholicsová, born in Nové Zámky
 Martina Plucarová, born in Jindřichův Hradec
 Renata Pomazalová, born in Prague
 Martin Pšeničný, born in Prague
 Viktor Seidler, born in Prague
 Sandra Seidlová, born in Vlašim
 Kateřina Skolková, born in Brno
 Jakub Stebel, born in Bratislava
 Magda Studená, born in Znojmo
 Hana Šimková, born in České Budějovice
 Diana Ursachi, born in Belogorsk, Moldova
 Eva Vejnarová, born in Prague

On 27th July 2006 – at 10.30 a.m.

- In the Master degree programme of general medicine, the following completed their studies:
 Simona Arientová, born in Prague
 Eva Balážiová, born in Brezno
 Hana Bowyer, born in Prague
 Ondřej Bradáč, born in Prague
 Miroslav Derevjaník, born in Poprad
 Anna Germanová, born in Vranov nad Topľou
 Gladišová Daša, born in Stará Ľubovňa
 Pavel Handrk, born in Mladá Boleslav
 Jana Hontiová, born in Želiezovce
 Filip Hron, born in Prague
 Kristián Chrz, born in Prague
 Martin Jerie, born in Litoměřice
 Martina Kopečková, born in Prague
 Marcela Křivková, born in Prague
 Kateřina Magdaléna Kubzová, born in Ostrava
 Martin Kucharík, born in Bratislava
 Jan Lesenský, born in Brno

Hana Malíková, born in Zlín
 Lucie Martínková, born in Brandýs nad Labem
 Catherine Munini Mutinda, born in Kisumu, Kenya
 Tomáš Pichlík, born in Prague
 Veronika Plocová, born in Ústí nad Orlicí
 Martina Prusíková, born in Vítkov
 Stefan Raev, born in Brno
 Anton Škuril, born in Galanta
 Pavel Šulc, born in Prague
 Lýdie Tauchenová, born in Prague
 Jana Ténaiová, born in Michalovce
 Pavol Tomašov, born in Žilina
 Martina Vlachová, born in České Budějovice

On 27th July 2006 – at 12 (noon)

- In the Master degree programme of general medicine, the following completed their studies:
 Michael Bartoš, born in Amstetten, Austria
 Klára Bednářová, born in Ústí nad Labem
 Karla Czudková, born in Frýdek-Místek
 Michaela Čabiňáková, born in Humenné
 Klára Dlouhá, born in Prague
 Petra Došelová, born in Pardubice
 Karolína Eremiášová, born in Prague
 Barbora Faltíčková, born in Martin
 Tomáš Heřman, born in Prague
 Eva Janoušková, born in Klatovy
 Sylva Kliková, born in Prague
 Martina Kohoutová, born in Kadaň
 Stanislav Král, born in Klatovy
 Pavel Kroutil, born in Znojmo
 Jana Kubátová, born in Jilemnice
 Radka Michenková, born in Ostrava
 Michala Mosejová, born in Prešov
 Tomáš Nedeliak, born in Zvolen
 Simona Podráská, born in Česká Lípa
 Josef Pražák, born in Prague
 Miloš Příbyl, born in Příbram
 Beáta Ráczová, born in Komárno
 Jana Sládková, born in Planá u Mariánských Lázní
 Kateřina Smečková, born in Olomouc
 Ivo Stankuš, born in Prague
 Kristýna Tresnerová, born in Prague
 Šárka Tvarůžková, born in Bílovec
 Lucie Velcová, born in Chrudim
 Jaroslava Vernarcová, born in Poprad
 Martina Vravcová, born in Vranov nad Topľou

On 27th July 2006 – at 1.30 p.m.

- In the Master degree programme of general medicine, the following completed her studies with honours:
 Kristýna Vorlická, born in Prague
- Further, the following completed their studies in the Master degree programme of general medicine:
 Štěpán Bandúr, born in Kadaň
 Dana Ďuricová, born in Rožňava
 Zuzana Ferebauerová, born in České Budějovice
 Veronika Hassová, born in Turnov
 Kateřina Heczková, born in Třinec
 Lenka Henzlová, born in Jablonec nad Nisou
 Mariana Hričinová, born in Košice
 Zuzana Jörgová, born in Jablonec nad Nisou
 Zdeněk Lys, born in Ostrava

Michal Michálek, born in Zvolen
 Jana Olejárová, born in Liptovský Mikuláš
 Emma Palová, born in Zlín
 Pavel Piskáček, born in Brandýs nad Labem
 Lubomíra Šoltéssová, born in Rožňava
 Lívia Štollmannová, born in Zvolen
 Roman Šuman, born in Prague
 Eva Tomková, born in Brandýs nad Labem
 Sylvie Toniková, born in Most
 Adela Vakulová, born in Žilina
 Jana Valešová, born in Slaný
 Juraj Vančík, born in Bratislava
 Zuzana Vaněčková, born in Most
 Pavol Vereš, born in Bojnice
 Jan Vítek, born in Prague
 Martin Votýpka, born in Prague
 David Vrána, born in Přerov
 Barbora Zmrhalová, born in Prague
 Ľubica Žákovičová, born in Bratislava

On 27th July 2006 – at 3 p.m.

- In the Master degree programme of general medicine, the following completed their studies:
 Eva Bučková, born in Slavičín
 Katarína Hozlárová, born in Liptovský Mikuláš
 Věra Kocichová, born in Frýdek-Místek
 Ildikó Lukács, born in Komárno
 Mária Mikešová, born in Levice
 Lukáš Mikšík, born in Prague
 Petr Pokorný, born in Roudnice nad Labem
 Dominika Richterová, born in Ústí nad Labem
 David Staš, born in Karlovy Vary
 Barbora Straková, born in Nové Město na Moravě
 Tomáš Uher, born in Prešov
 Pavel Vychytil, born in Zábřeh
 Mykhaylo Zakharchenko, born in Donetsk, Ukraine
- In the Master degree programme of general medicine, the following completed their studies in English language:
 Evana Banerjee, born in London, Great Britain
 Jatinder Singh Kang, born in Hillington, Great Britain
 Izadkhasti Kaveh, born in Mashad, Iran
 Tomáš Pikus, born in Piešťany, Slovakia

On 7th November 2006 – at 10.30 a.m.

- In the Master degree programme of general medicine, the following completed their studies:
 Veronika Bičíková, born in Prague
 Martin Bujda, born in Bardějov
 Maria Gorshkova, born in Moscow, Russia
 Radvan Hainer, born in Prague
 Lydie Hájková, born in Brandýs nad Labem
 Ondřej Havala, born in Hodonín
 Hana Hladká, born in České Budějovice
 Pavla Horáková, born in Brno
 Silvie Chromjáčková, born in Ostrava
 Ludmila Jelínková, born in Prague
 Jiří Jenšovský, born in Rakovník
 Lenka Kleinhamplová, born in Liberec
 Jana Mrázová, born in Česká Lípa
 Blanka Nohejlová, born in Karlovy Vary
 Radim Pavlík, born in Rodnice nad Labem
 Markéta Pešková, born in Strakonice
 Dominika Pitáková, born in Hradec Králové

Josef Řehák, born in Český Krumlov
 Olga Shalamova, born in Minsk, Belarus
 Alžběta Sládková, born in České Budějovice
 Dana Sládková, born in Prague
 Lucie Vacková, born in Prague
 Jana Vytřísalová, born in Zábřeh na Moravě
 Miroslav Zvolský, born in Prague

- In the Master degree programme of nursing science, branch health teaching for secondary schools, the following completed her studies:
 Bc. Markéta Hubatová, born in Pelhřimov
- In the Master degree programme of specialization in health care, branch medical technology and informatics, the following completed their studies:
 Bc. Alena Kvasilová, born in Prague
 Bc. Tomáš Vachek, born in Prague

On 7th November 2006 – at 12 (noon)

- In the Master degree programme of general medicine, the following completed their studies:
 Lucie Čingrošová, born in Prague
 Zuzana Čechová, born in Valašské Meziříčí
 Štěpán Fedorko, born in Prague
 Peter Habara, born in Komárno
 Jana Hlavatá, born in Sušice
 Michaela Ingrischová, born in Most
 Aneta Krajcová, born in Jihlava
 Jitka Kunzová, born in Prague
 Olga Matoušková, born in Prague
 Zuzana Maurencová, born in Písek
 Michal Raszka, born in Prague
 Tomáš Sattran, born in České Budějovice
 Helena Skálová, born in Prague
 Zoja Smoláková, born in Snina
 Michal Šenitko, born in Košice
 Radek Šikýř, born in Sokolov
 Petra Štangová, born in Martin
 Jindřiška Trefilová, born in Benešov
 Jan Varady, born in Ostrava
 Ema Vávrová, born in Tábor
 Karina Verébová, born in Košice
 Andrea Vojníková, born in Prague
 Katarína Vrťová, born in Stará Ľubovňa
 Mariana Zárubová, born in Prague

Darina Zelenková, born in Most
 Tereza Žáková, born in Prague

- In the Master degree programme of general medicine, the following completed their studies in English language:
 Renos Afxentiou, born in Havířov
 Christian Carl Cederholm, born in Stockholm, Sweden
 Oluwole Anthony Olusanmi, born in Ibadan, Nigeria
- In the Master degree programme of stomatology, the following completed her studies:
 MUDr. Ondra Drdácká, born in Turnov

On 7th November 2006 – at 1.30 p.m.

- In the Bachelor degree programme of nursing science, branch nursing, the following completed their studies:
 Marcela Brožková, born in Prague
 Marcela Hyková, born in Prague
 Martina Kudrnová, born in Prague
 Tereza Pečánková, born in Prague
 Alena Pětivlasová, born in Tábor
 Monika Potěšilová, born in Šternberk
 Ludmila Rejchlíková, born in Havlíčkův Brod
 Hana Sedláčková, born in Prague
 Katarína Štágllová, born in Snina
 Květa Vávrová, born in Plzeň
 Blanka Vítová, born in Trutnov
- In the Bachelor degree programme of specialization in health care, branch occupational therapy, the following completed their studies:
 Linda Obrtelová, born in Prague
 Daniela Tuzarová, born in Prague
- In the Bachelor degree programme of specialization in health care, branch physiotherapy, the following completed their studies:
 Petra Špalková, born in Cheb
 Hana Votavová, born in Louny
- In the Bachelor degree programme of specialization in health care, branch medical technology, the following completed their studies:
 Filip Mlynárik, born in Prague
 Jan Ština, born in Hradec Králové
 Alena Veselková, born in Vlašim

Survey of the number of applicants and their results

Academic year	Branch	Number of applicants	Number of applicants examined	Enrolled out of the admitted	Enrolled out of the examined (per cent)	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)
1990-1991	medicine	1,788	1,593	458	28.75 %	195	200	97.50 %	726	40.51 %	56.70 %
	stomatology	220	199	54	27.14 %	178	200	89 %			
	total	2,008	1,792	512	28.57 %						
1991-1992	medicine	2,116	1,473	327	22.20 %	273	300	91 %	484	28.63 %	36 %
	stomatology	311	207	29	14.01 %	261	300	87 %			
	total	2,427	1,680	326	21.19 %						
1992-1993	medicine	2,303	1,384	280	20.23 %	245	297	82.50 %	350	22 %	27 %
	stomatology	324	206	27	13.11 %	233	297	78.50 %			
	total	2,627	1,590	307	19.31 %						
1993-1994	medicine	1,773	1,164	288	24.74 %	240	297	80.80 %	175	13.03 %	17.50 %
	stomatology	268	179	26	14.53 %	222	297	74.70 %			
	total	2,041	1,343	314	23.38 %						
1994-1995	medicine	1,601	1,144	269	23.51 %	222	297	74.70 %	122	10.66 %	14.70 %
	stomatology	206	143	34	23.78 %	217	297	73.10 %			
	total	1,807	1,287	303	23.54 %						
1995-1996	medicine	1,646	1,126	300	26.64 %	226	299	75.50 %	123	10.92 %	16.90 %
	stomatology	179	116	35	30.17 %	212	299	70.90 %			
	total	1,825	1,242	335	26.97 %						
1996-1997	medicine	1,662	1,202	326	27.10 %	210	299	70.20 %	108	8.99 %	13.00 %
	stomatology	213	162	44	27.20 %	202	299	67.60 %			
	total	1,875	1,364	370	27.13 %						
1997-1998	medicine	1,455	1,152	418	36.28 %	203	299	67.89 %	82	7.12 %	11.17 %
	stomatology	191	161	51	31.67 %	226	299	75.59 %			
	total	1,646	1,313	469	35.72 %						
1998-1999	medicine	1,583	1,035	364	35.17 %	186	297	62.63 %	156	15.07 %	23.77 %
	stomatology	235	156	53	33.97 %	178	297	59.93 %			
	total	1,818	1,191	417	35.01 %						
1999-2000	medicine	1,549	1,161	490	42.20 %	186	299	62.21 %	123	10.59 %	18.33 %
	stomatology	212	166	69	41.57 %	172	299	57.53 %			
	total	1,761	1,327	559	42.12 %						
2000-2001	medicine	1,789	1,183	447	37.79 %	164	299	54.85 %	126	10.65 %	17.12 %
	stomatology	226	167	60	35.93 %	155	299	51.84 %			
	total	2,015	1,350	507	37.55 %						
2001-2002	medicine	2,202	1,353	404	29.86 %	180	300	60 %	148	10.94 %	18.03 %
	stomatology	281	183	52	28.41 %	180	300	60 %			
	total	2,483	1,536	456	29.69 %						
2002-2003	medicine	1,987	1,433	444	30.98 %	201	300	67 %	89	6.21 %	6.75 %
	stomatology	252	188	59	31.38 %	176	300	58.66 %			
	total	2,239	1,621	503	31.03 %						
2003-2004	medicine	1,873	1,398	437	31.25 %	191	300	63.66 %	102	7.30 %	8.99 %
	stomatology	307	225	52	23.11 %	200	300	66.66 %			
	total	2,180	1,623	489	30.13 %						
2004-2005	medicine	1,850	1,481	534	36.06 %	185	299	61.87 %	107	7.23 %	7.99 %
	stomatology	333	275	56	20.36 %	240	299	80.27 %			
	total	2,183	1,756	590	33.60 %						
2005-2006	medicine	2,016	1,449	484	33.40 %	180	300	60 %	148	10.21 %	15.34 %
	stomatology	513	420	42	10 %	247	300	82.33 %			
	total	2,529	1,869	526	28.14 %						
2006-2007	medicine	2,575	1,506	530	35.19 %	172	300	57.33 %	175	11.62 %	17.93 %
	stomatology	840	580	61	10.51 %	236	300	78.66 %			
	total	3,415	2,086	591	28.33 %						

Alumni of the First Faculty of Medicine

Field	1990/ 91	1991/ 92	1992/ 93	1993/ 94	1994/ 95	1995/ 96	1996/ 97	1997/ 98	1998/ 99	1999/ 00	2000/ 01	2001/ 02	2002/ 03	2003/ 04	2004/ 05	2005/ 06
Medicine	255	288	297	356	419	392	346	361	241	218	154	194	260	219	233	205
Stomatology	35	37	40	41	45	47	–	25	17	24	26	35	27	47	37	31
Nursing – full-time	–	–	–	–	–	14	20	28	18	26	16	28	24	18	15	16
Nursing – combined	–	–	–	–	–	–	–	19	17	19	12	21	30	27	22	31
Occupational therapy	–	–	–	–	–	–	–	9	15	14	16	20	22	18	22	16
Physiotherapy	–	–	–	–	–	–	–	–	–	–	13	11	13	18	16	16
Medical technology	–	–	–	–	–	–	–	4	3	16	3	10	11	11	10	14
Medical technol- ogy and informat- ics	–	–	–	–	–	–	–	–	–	–	–	–	–	13	27	6
Health teaching for secondary school	–	–	–	–	–	–	–	–	–	–	–	–	–	23	25	26
English parallel class – medicine	–	–	–	–	–	–	–	–	2	6	18	18	17	38	24	16
English parallel class – stomatology	–	–	–	–	–	–	–	–	–	2	–	2	1	4	–	–



Graduation of students of the First Faculty of Medicine in the ceremony hall of the old renowned Karolinum: swearing the solemn oath



The building of the Dean's Office of the First Faculty of Medicine



Theoretical institutions at Albertov

EDUCATION OF SELF-PAYING INTERNATIONAL STUDENTS



EDUCATION OF SELF-PAYING INTERNATIONAL STUDENTS (ENGLISH TAUGHT PARALLEL CLASSES)

The education of self-paying international students represents, on one hand, a considerable source of finances for the Faculty but – above all – it is the symbol of the fact that the University opened to the world after 1989. The thirteen years' experience in teaching in English language has proved the correctness of the policy. Moreover, the admission of the Czech Republic to the European Union (1st May 2004) facilitated the recognition of diplomas and students' visas within EU, which increased the attractiveness of English-taught programmes in medicine and dentistry. The growing number of those interested in the studies as well as those actually studying at the Faculty is documented in the charts and diagrams below. Tuition in English is also important for the programmes of international exchange. This has lately been reflected in the increased number of students coming from abroad within Erasmus and Socrates programmes. The reason is that tuition in English enables them to take a part of their studies at our Faculty, which – in turn – contributes to the prestige of the First Faculty of Medicine abroad and also increases the number of students in Czech classes who can travel abroad within the programmes of international exchange and experience some part of their studies at a foreign university.

The proportion of our full-time students coming from particular continents is visualised in the enclosed diagrams and in the chart. An overwhelming majority are students from Eu-

ropean countries, whose number has dramatically increased thanks to the Faculty's standing efforts aimed at drawing attention to the Faculty in EU countries but also – no doubt – with the above mentioned admission of the Czech Republic to EU. Another crucial change in the composition of the English-taught parallel class, however, is the continuous increase in students from North America and Africa, and in 2006 from Asia as well, particularly from Malaysia (see the diagrams comparing this academic year to the last one). This is thanks to the Faculty's standing effort to achieve the recognition of our medical diplomas in Malaysia. This is, after all, in accord with the policy of the management of the Faculty to focus more on non-European students in future. This was mainly due to the agreement with the government of Botswana, which had decided to include our Faculty – apart from medical faculties in the Republic of South Africa, Australia and Ireland – among those where their prospective doctors are placed to study medicine. Besides this agreement, also the talks with the Ministry of Health of Malaysia proceeded to the final round, which eventually resulted in recognition of our diplomas in that country as well and – therefore – in the chance of our graduates to practise medicine there, and in the possibility of Malaysian students to study at our faculty.

The first entrance examinations in Kuala Lumpur took place in May 2006, and the high number of 70 applicants



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demonstrated an extraordinary interest in the studies of medicine at our faculty and clearly indicated that this geographic region in particular is an important potential market in the sphere of education. Malaysia, however, is not the only Asian country we would like to gain students from: following a series of talks, a contract was signed with an agency to represent the Faculty in Taiwan, and similar contracts with agencies from Sri Lanka, India and Pakistan are being negotiated. Another favourable fact is certainly the decision by the Greek authorities to start recognizing again diplomas attained in English-taught courses at the Faculty. In the past year, the entrance examinations were organized for the first time in Portugal as well, so the scope of European countries our students come from has widened. We hope that signing a contract with the agency in Norway will bring about a similar effect in Scandinavia. All these factors contribute to the increase in the number of applicants at the entrance interviews, and therefore facilitate the chance to choose even more talented and motivated students to be admitted.

The main issue concerning the self-paying international students that the Faculty has been concerned with in the past years is the problem of quality – both of the educational process itself and of the students, who – in future – will give the picture of the quality of the education at the Faculty. This, again, is connected with the above mentioned higher number of those interested in the studies at the Faculty and the better choice from the prospective students. The ratio of the students who underwent the entrance interview to those who passed successfully is documented in the diagrams and charts. In 2006, the First Faculty of Medicine continued the long-established co-operation with the foundation in Britain which helps secondary students in preparation for university-level studies. For those interested in the studies of medicine

and for their parents we organized lectures in Great Britain, and in the summer months – like in the previous years – we organized a visit at the Faculty for those interested in the studies. We intend to hold this event in the coming years as well, and in 2006 we – in addition – prepared the visit for potential students and their parents, which had taken place the year before last for the first time and this year should be included in the Open Day of the English-taught programmes in April. Moreover, an extraordinary Open Day was held in early spring for the students who underwent the entrance interview for our faculty in Great Britain.

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

Further, also in the English-taught parallel class a survey was organized again at enrolment, evaluating the studies from the students' point of view. This brought interesting information about the students' opinion on the quality of tuition in particular subjects. The evaluation of tuition will be carried on in the following years as well. 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 2006 this organization further developed its activities, including the publication of its proceedings at the website of the Faculty. This year, moreover, some new people came to the leading of this students' organization, which also resulted in an increase of its activity.

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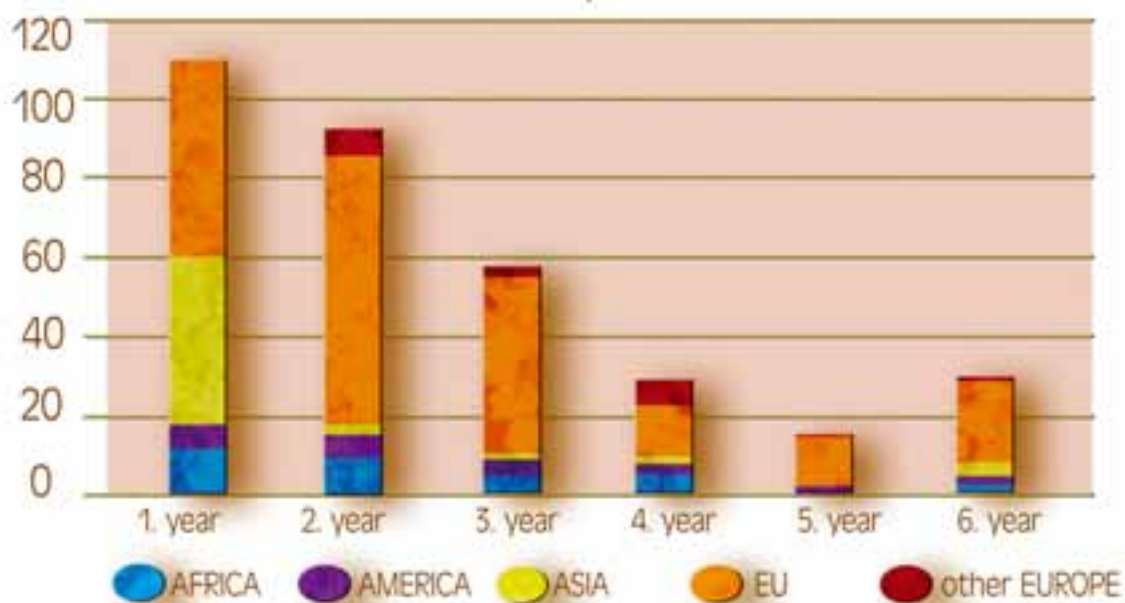


Tuition in clinical setting

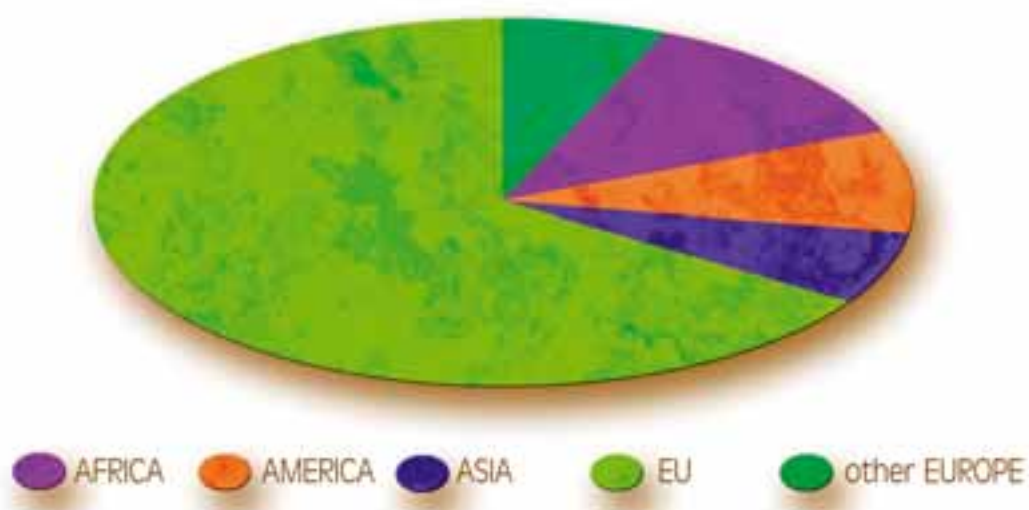
Students in English-taught programmes in the academic year of 2006–2007

year	total	EU	other Europe	America	Asie	Africa
1	114	52	0	4	41	17
2	96	69	6	6	3	12
3	60	46	2	4	2	6
4	28	14	4	2	2	6
5	12	10	0	2	0	0
6	34	25	1	2	4	2
total	344	216	13	20	52	43

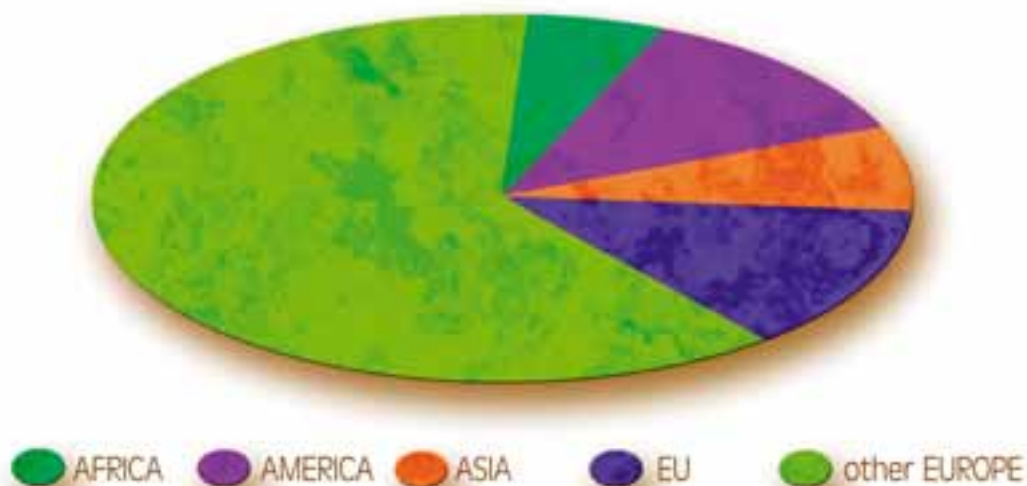
Students in English-taught programmes in the academic year of 2006-2007



Students in English-taught programmes in the academic year of 2005-2006



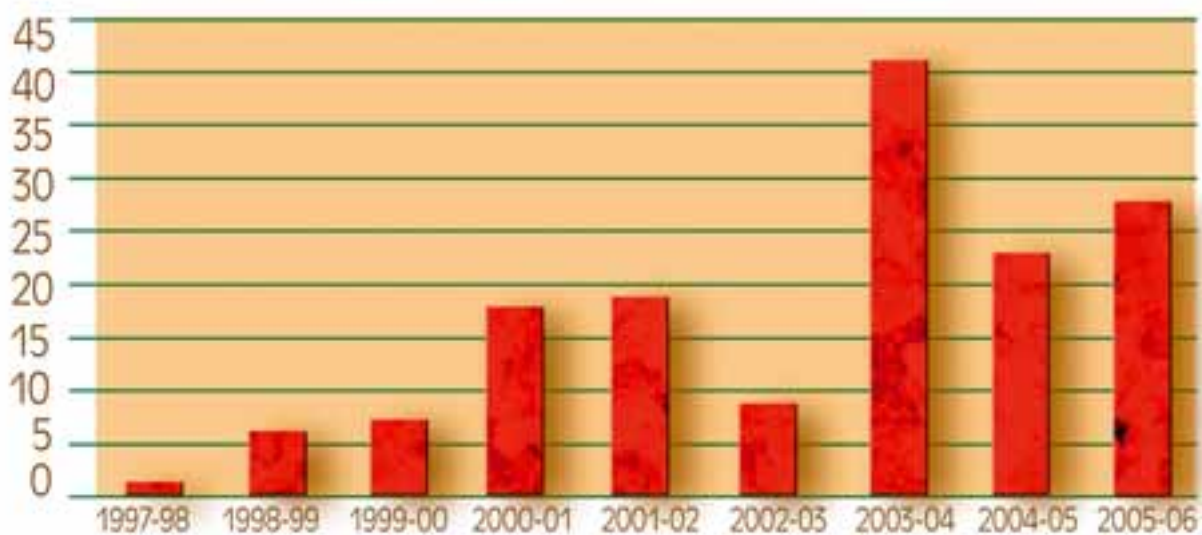
Students in English-taught programmes in the academic year of 2006–2007



Alumni of English-taught programmes

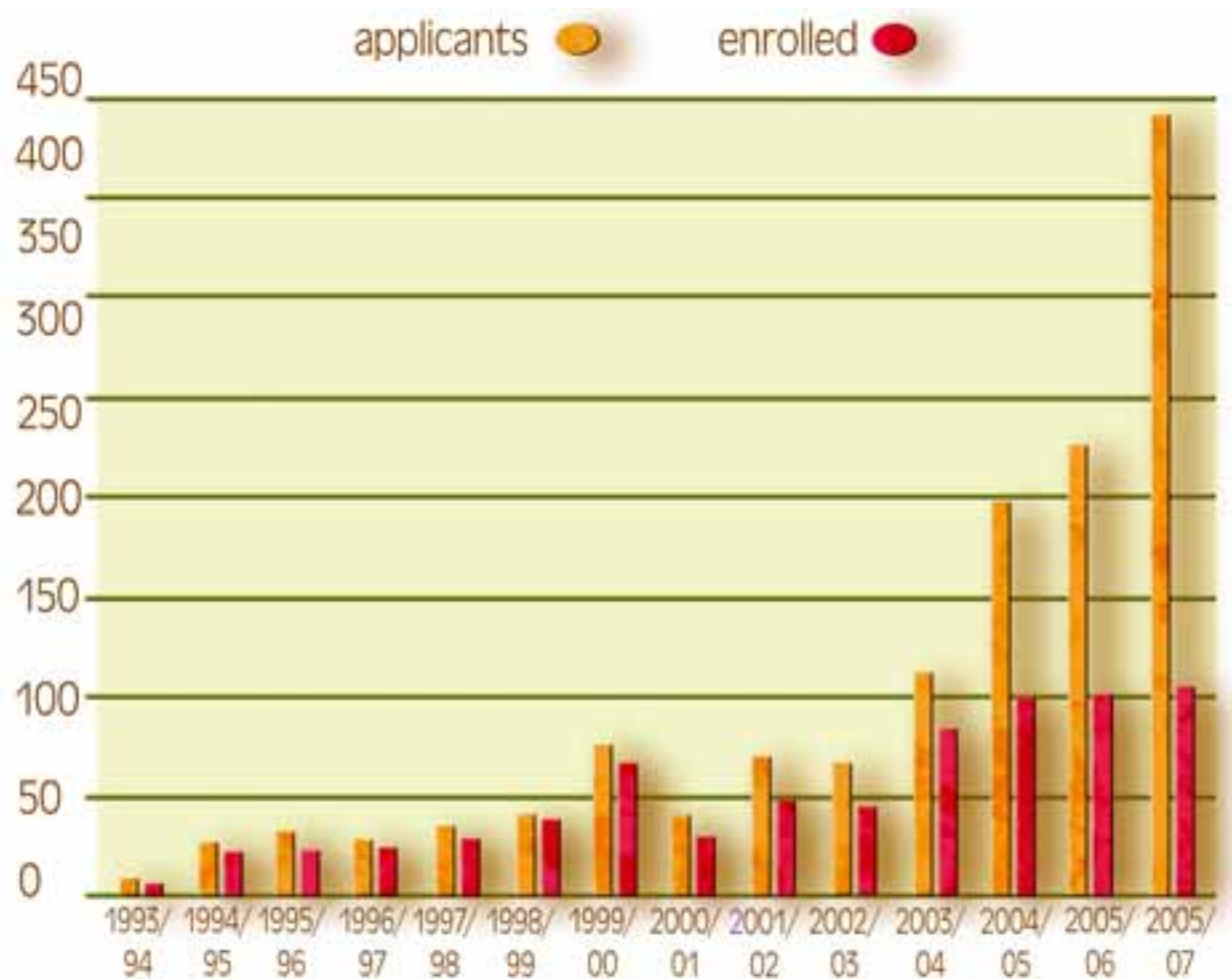
year	alumni
1997–1998	2
1998–1999	7
1999–2000	8
2000–2001	19
2001–2002	20
2002–2003	10
2003–2004	42
2004–2005	24
2005–2006	28
total	139

Alumni of English-taught programmes of studies



Number of applicants who attended entrance interviews and those who enrolled in the English-taught programmes of studies:

	applicants	enrolled
1993–1994	10	8
1994–1995	18	14
1995–1996	28	20
1996–1997	24	19
1997–1998	32	23
1998–1999	37	29
1999–2000	79	68
2000–2001	41	28
2001–2002	66	49
2002–2003	61	46
2003–2004	110	78
2004–2005	198	98
2005–2006	231	101
2006–2007	389	114



CLINICAL TEACHING



CLINICAL TEACHING

2006 was another year marked with high activity of both teachers and students as well as their results that were remarkable not only in the aspects of clinical teaching and postgraduate studies in biomedical sciences. It is impossible to give a full list, and neither it is the aim of this report to proclaim the long-established well-functioning systems of tuition at particular clinical departments or other institutions of the Faculty that are involved in clinical teaching. Therefore just a selection is offered to reflect some novelties at the institutions that form the teaching base of the First Faculty of Medicine.

For instance, the team of the **Institute of Hygiene and Epidemiology**, particularly Prof. Bencko et al., published the study textbook *Hygiene and Epidemiology* for seminars and practicals for students in the programme of Dentistry. A substantial contribution to the just launched e-learning software of the Faculty was the publication of four sets of educational materials at the web pages of the First Faculty of Medicine. At the **Institute of Clinical Biochemistry and Laboratory Medicine**, the three-year project "Harmonization of the tuition of clinical biochemistry at the First Faculty of Medicine with undergraduate education in EU" was completed, administered by the Ministry of Education, Youth and Sports. The teachers of the Institute took part in the first successful presentation of the JPD3 project "Introduction of the undergraduate study programme Molecular medicine in theory and in

practice of a biotechnological society". The syllabus of a new subject "Molecular medicine and biotechnology" was prepared, and tuition for the Institute of Medical Microbiology was extended by microbiology and parasitology as well as by practical placements for the staff of the Department of Dermatology of the General Teaching Hospital and Institute for Further Education of Health Care Staff. Thanks to the Fund for Development of Schools of Higher Education, the Institute obtained new equipment for the training laboratory, such as Sebia set for electrophoresis, HPLC system with isocratic pump and UV detector, TECAN ELISA reader, and Helios spectrophotometer. From the Ministry of Health the Institute obtained the accreditation of the higher degree according to Act 95/2004 Coll. for education in the field of Clinical Biochemistry. The section of Clinical microbiology and ATB centre obtained the accreditation of the higher degree according to Act 95/2004 Coll. for education in the field of Medical Microbiology from the Ministry of Health. On the funds gained by the Faculty within the development programme, technological equipment of all sections of the clinic was improved.

At the **Department of Pneumology**, complete renovation of the self-contained Ward K at the Thomayer Teaching Hospital was commenced, which is to serve as the only institution in the Czech Republic for isolation and treatment of highly contagious forms of lung TB, resistant to 1st and 2nd line



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antituberculous drugs. The ward will comprise two separate parts for sensitive and resistant forms of tuberculosis, with the total number of 35 beds. In the clinical part of the Department, the out-patient consultation centre for withdrawal of smoking. There is also the national Centre for Treatment of Alpha-1-antitrypsin Deficiency.

At the **Department of Infectious Diseases**, the Infectious Centre for Drug Addicts at the Infections Ward in the Motol Teaching Hospital started to be used as a teaching institution. At the **Medical Department of the Central Army Hospital** the team of the clinical staff, headed by Assoc. Prof. Zavoral, prepared the textbook of gastroenterology for the common postgraduate core course, conceived in keeping with the new concept of education, to print. The **Department of Phoniatrics** also provides tuition for the Faculty of Education of Charles University (for the School of Special Pedagogy), for the Faculty of Arts and Philosophy (for doctoral studies – group for speech disorders and disturbances), for the Faculty of Physical Culture and Sport (physical training of the impaired), and for the School of Electric Circuits at the Faculty of Electrical Engineering of the Czech Technical University (objective evaluation of speech fluency, real-time speech analysis, therapeutic software for patients with cochlear implants, voice and speech analysis in patients before and after application of cochlear implant, consultation on evaluation of speech fluency in children). At the **3rd Department of Surgery**, the book *primary hyperparathyreosis* by Assoc. Prof. Adámek was published, and the book *Special surgery* by Prof. Pafko et al. is ready for print. At the **Institute of General Medicine**, a meeting of the teachers with supervising tutors was organized. General practitioners, who act as tutors and whose practices are employed as the clinical base of the field, play a crucial role in securing a high standard of training during clinical placements. At the **Department of Psychiatry**, a new Centre for Neuropsychiatric Research of Traumatic Stress was launched, with postgraduate students being involved. The **Department of Dermatology and Venereology** published the Czech version of the course *Dermatomycozes* for 4th year students on the Faculty's educational website, as well as the study documents *Lye preparations simulator* and *Non-venereal diseases of the male genital*, as well as the English version of *Venereology, Part 1 and Part 2*. At the **Department of Stomatology**, the aim of the development programme "Equipment of classrooms for oral surgery, dental prosthetics, conservative dentistry and preclinical dentistry" is to establish the clinical classrooms, thereby creating the training base

for undergraduate education of students in Master degree programmes of Dentistry and Stomatology. The programme was also meant to provide for scientific activity of students (both postgraduate and undergraduate) and the staff of the Department and Faculty. The programme was completed, as so all aspects of the study programme of Dentistry are in keeping with the required harmonization of education, being fully compatible with the study programmes in EU countries. The main part of the development programme is the equipment of the new classroom for propaedeutics and preclinical dentistry in the policlinic at 32 Charles Square, with 16 manikin panels. The classrooms at the policlinic and General Teaching Hospital (Block C) have been equipped with all the instruments and appliances that are essential for the training.

At the **Institute of Inherited Metabolic Disorders**, a laboratory of advanced optic microscopy was completed, with the old confocal microscope being substantially upgraded. At the time, the laboratory is equipped for the following applications of optic microscopy such as epifluorescence microscopy and laser scanning confocal microscopy with the possibility of spectral analysis; all experimental applications can also be performed in living cells and on physiological cultivation. Microscopy is complemented with the possible use of other software applications for image analysis. The access to the laboratory, including the software installations, is open for co-operation not only within the Institute teams but also with the other participants of the research project (at the time the Institute of Biology and Pathology of the Cell, and Department of Ophthalmology of the First Faculty of Medicine) and extramural users (the Third Faculty of Medicine of Charles University, and some teams of the Academy of Sciences of the Czech Republic). Complete information including the user tutorials on the laboratory is available at the website of the Institute of Inherited Metabolic Disorders (<http://udmp.lf1.cuni.cz>) in the section "institute facilities". Within the ERN-DIM organization, the Institute provides the testing of diagnostic capacity for metabolic disorders in a part of West and East Europe, and it is involved in the system of evaluation of diagnostic capacity for inherited lysosomal enzymopathy within ESGLD Quality Assessment Enzyme Analysis for Lysosomal Storage Diseases (QA-ESGLD-2006). On benchmarking, the Institute ranked among the seven best out of 36 specialized European laboratories in the accuracy of control analyses. To the e-learning portal of the First Faculty of Medicine the Institute added the title *Lysosomal enzymopathy: Strategies of laboratory diagnosis (not only of Fabry disease)*.

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Instruction of students within clinical teaching



Practical training

EVALUATION OF TUITION BY THE STUDENTS



EVALUATION OF TUITION BY THE STUDENTS

Evaluation of tuition by the students has been marked by some substantial changes – in the academic year 2005–2006 it was done electronically for the first time. The main task throughout the academic year 2005–2006 was to set up the electronic form able to collect and process the data, and to launch it, using an application in the Study Information System (SIS). The data collection was started in May 2006 and finished in October 2006. The first processed sets of the results of evaluation were received from the programming company by the end of November 2006, and in January 2007 they executed the formal changes required by the Faculty board. In December 2007 the Board for Evaluation of Tuition forwarded the sets of results to the Dean's Board.

The Board for Evaluation of Tuition included teachers' representatives – Assoc. Prof. Eva Havrdová, Prof. Otomar Kittnar, Prof. Aleksi Šedo, Dr. Pavel Šnajdr, Dr. Tomislav Švestka – as well as representatives of the students – Jakub Albrecht, Marek Hilšer, Dr. Jiřina Hoffmannová, Martin Klein, Pavel Rutar.

The main opinion poll was centrally organized; it had been prepared by the Board for Evaluation of Tuition in the academic year 2004–2005 to evaluate the quality of tuition. The questionnaire was prepared in an electronic version, interconnected with the SIS to allow the students an easy access to the forms for evaluation of particular subjects and institutions; statistical processing of the questionnaires was prepared and the academic community was informed through

both the Faculty web pages and direct info addressed to particular institutions (where the Heads received a complete survey of evaluation of their institution and staff members) and organs of the Faculty. The main advantage of this system is the unified questionnaire, giving the possibility to compare particular institutions (of course with some questions modified for theoretical or clinical branches).

Apart from this main evaluation, there are still some local questionnaires prepared by particular departments and institutes for their own use and administered to students either during the study of a particular subject, or after its completion. The advantage of these questionnaires is that they can be "tailored" to the needs of tuition at the given institutions. Eventually, chat pages have been created at the websites of some institutions, and have quickly won great popularity. Again, their main advantage is – above all – readiness, flexibility and interactivity.

In the evaluation of tuition, the total number of 1,164 students of all years and branches of studies participated between May and October 2006. In total 1,906 verbal comments were received. Considering the shortness of the period when the evaluation was done, the involvement of students may be found satisfactory, and the number of participants allows us to accept the results of the evaluation as relevant in many aspects. The results of the opinion poll have come out rather favourable for the Faculty, which is documented in the following table.

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Clinical placement at ICU of the 2nd Medical Department of the First Faculty of Medicine and General Teaching Hospital

Table ranking the best and worse rating items (the Faculty average) in the evaluation of tuition by the students in the academic year 2005–2006

		Average grade	I wholly agree	I rather agree	I rather disagree	I wholly disagree	Total number of answers
502	The teacher was friendly in communication.	1.54	64.98 %	21.69 %	7.8 %	5.53 %	13,189
501	I appreciate the teacher's teaching skills.	1.55	62.06 %	25.49 %	8.28 %	4.18 %	13,193
604	There was an adequate chance to enrol for the exam.	1.63	55.1 %	31.42 %	8.7 %	4.77 %	6,161
605	I find the grading at the exam objective.	1.69	52.01 %	32.9 %	9.47 %	5.61 %	6,060
603	The atmosphere at the institute/department is friendly and outgoing.	1.72	46.66 %	39.02 %	10.23 %	4.09 %	7,661
809	I am glad to study at the First Faculty of Medicine.	1.72	50 %	34.69 %	8.16 %	7.14 %	98
601	I find that the subject, as it was taught, makes sense.	1.81	43.91 %	36.89 %	13.13 %	6.07 %	7,929
607	There are study texts/publications available.	1.82	45.29 %	34.91 %	12.57 %	7.23 %	6,712
602	The overall level and organization of tuition was good.	1.82	40.16 %	42.22 %	13.47 %	4.16 %	10,969
202	Practicals were an asset for the exam.	1.84	44.86 %	33.56 %	14.66 %	6.92 %	4,264
401	Placements were an asset in general.	1.84	40.18 %	40.82 %	14.17 %	4.83 %	2,526
301	The teachers conceived the seminars interactively.	1.84	40.07 %	40.23 %	15.12 %	4.58 %	10,969
201	The practicals captured my attention.	1.85	43.23 %	35.03 %	15.23 %	6.52 %	4,768
203	The technical support and background were all right.	1.85	39.23 %	41.69 %	14.04 %	5.04 %	4,545
808	The schedule suited me this year.	1.85	31.82 %	53.41 %	12.5 %	2.27 %	88
303	Seminars were an asset for the exam.	1.88	39.7 %	38.35 %	15.74 %	6.22 %	6,444
404	Placements were an asset for the exam.	1.9	38.6 %	39.44 %	15.21 %	6.74 %	2,018
105	The premises and furnishing of the classroom are all right.	1.9	36.91 %	41.86 %	15.25 %	5.97 %	4,806
606	The textbooks and other texts for study are of good quality.	1.94	39.71 %	35.35 %	16.09 %	8.84 %	6,729
104	Lectures were an asset for the exam.	1.97	37.78 %	36 %	18.09 %	8.13 %	4,550
103	Lectures were an asset and I would recommend them to my colleagues.	1.99	36.87 %	35.75 %	19.04 %	8.34 %	5,153
402	Placements were well-organized, without waste of time.	1.99	32.93 %	41.72 %	18.78 %	6.56 %	3,413
302	Seminars promoted the ability of thinking.	2.01	34.1 %	37.7 %	21.63 %	6.58 %	7,221
403	The number and set-up of the patients were all right.	2.06	31.01 %	40.9 %	19.43 %	8.66 %	2,193



Laboratory of the Institute of Clinical Biochemistry and Laboratory Medicine of the First Faculty of Medicine and General Teaching Hospital



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

POSTGRADUATE STUDIES



POSTGRADUATE STUDIES

The interest in studies of biomedical sciences at the Faculty further increased in 2006. This is certainly a favourable and correct trend, of some "informative value" as well. At present, 19 programmes in Czech language and 15 programmes in English language are accredited for the Faculty, and most of these accreditations are valid up to 2009. The team of chairpersons of the Field Boards is stable, and two new chairpersons of Field Board were appointed in the past year to bridge a possible generation gap. Among the post-graduate students at the Faculty in 2006, those in the combined form of study (556 out of 878 doctorands) again prevailed over the full-time ones. In 2006, the doctoral programme in biomedical science at the Faculty was completed by 50 students. In co-operation with the other medical faculties, the Faculty of Natural Science of Charles University in Prague, and the Academy of Sciences of the Czech Republic, the management of our faculty discussed the extension of the post-graduate studies in the full-time form to four years. The web pages of the Faculty have been updated both in the Czech and English version. The following tables provide more detailed information about post-graduate studies at the First Faculty of Medicine of Charles University.

DOCTORAL STUDY PROGRAMMES AND THE CHAIRPERSONS OF THE RESPECTIVE FIELD BOARDS

- Molecular and cell biology, genetics and virology
Doc. RNDr. Petr Pikálek, CSc., Faculty of Natural Science, Prague
- Biology and pathology of the cell
Prof. MUDr. Karel Smetana, DrSc., Institute of Haematology and Blood Transfusion, Prague
- Biomedical informatics
Prof. RNDr. Jana Zvárová, DrSc., First Faculty of Medicine, Prague
- Developmental biology
Doc. RNDr. Josef Medvídek, Faculty of Natural Science, Prague
- Biochemistry and pathobiochemistry
Prof. MUDr. Jiří Kraml, DrSc., First Faculty of Medicine, Prague
- Physiology and pathophysiology of human
Prof. MUDr. Stanislav Trojan, DrSc., First Faculty of Medicine, Prague
- Immunology
Doc. RNDr. Vladimír Holáň, DrSc., Faculty of Natural Science, Prague
- Medical microbiology
Doc. RNDr. Jaroslava Svobodová, CSc., Faculty of Natural Science, Prague
- Neurosciences
Prof. MUDr. Jiří Tichý, DrSc., First Faculty of Medicine, Prague
- Pharmacology and toxicology
Prof. MUDr. Karel Šonka, DrSc., First Faculty of Medicine, Prague
- Medical biophysics
Prof. MUDr. RNDr. Jiří Beneš, DrSc., First Faculty of Medicine, Prague
- Parasitology

- Doc. RNDr. Josef Nedvídek, CSc., Faculty of Natural Science, Prague
- Experimental surgery
Prof. MUDr. Jaroslav Živný, DrSc., First Faculty of Medicine, Prague
- Preventive medicine
Prof. MUDr. Kamil Provazník, 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
- Medical ethics
MUDr. Mgr. Jan Payne, Ph.D., First Faculty of Medicine, Prague
- History of Medicine
Prof. PhDr. Milada Říhová, CSc., First Faculty of Medicine, Prague

DOCTORAL STUDY PROGRAMMES ACCREDITED IN CZECH AND VALIDITY OF THE ACCREDITATION

Biochemistry and Pathobiochemistry	20 Dec 2009
Cell Biology and Pathology	20 Dec 2009
Biomedical Informatics	20 Dec 2013
History of medicine	10 Mar 2008
Experimental Surgery	20 Dec 2009
Pharmacology and Toxicology	20 Dec 2009
Human Physiology and Pathophysiology	20 Dec 2009
Gerontology	15 Aug 2010
Immunology	20 Dec 2009
Medical Biophysics	01 Mar 2015
Medical ethics	30 Oct 2007
Medical Microbiology	18 Dec 2009
Molecular and Cellular Biology, Genetics and Virology	20 Dec 2009
Neurosciences	20 Dec 2009
Parasitology	15 Aug 2010
Preventive Medicine	20 Dec 2009
Psychology – medical psychology and psychopathology	01 Mar 2011
Developmental Biology	20 Dec 2009

DOCTORAL STUDY PROGRAMMES ACCREDITED IN ENGLISH AND VALIDITY OF THE ACCREDITATION

Biochemistry and Pathobiochemistry	20 Dec 2009
Biomedical Informatics	20 Dec 2013
Cell Biology and Pathology	20 Dec 2009
Developmental Biology	20 Dec 2009
Experimental Surgery	20 Dec 2009
Gerontology	15 Aug 2010
Human Physiology and Pathophysiology	20 Dec 2009
Immunology	20 Dec 2009
Medical Biophysics	01 Mar 2015
Medical Microbiology	18 Dec 2009

Molecular and Cellular Biology,
Genetics and Virology
Neurosciences

20 Dec 2009
20 Dec 2009

Parasitology
Pharmacology and Toxicology
Preventive Medicine

15 Aug 2010
20 Dec 2009
20 Dec 2009

Survey of the number of students in the doctoral study programme at particular Faculty institutions by the field and form of study (figures by 30 Nov 2006)

Name of the institution	Doctorands full-time	Doctorands combined
Institute of Anatomy	4	6
Institute of Histology and Embryology	0	0
Institute of Medical Biochemistry	3	3
Institute of Biochemistry and Experimental Oncology	10	3
Institute of Physiology	6	11
Institute of Biology and Medical Genetics	2	1
Institute of Biophysics and Informatics	0	6
Institute of Pathological Physiology	14	20
Institute of Pharmacology	9	4
Institute of Clinical and Experimental Haematology	0	0
Institute of Hygiene and Epidemiology	1	9
Institute of Physical Education	2	0
Institute of History of Medicine and Foreign Languages	2	7
Institute of Humanitarian Studies in Medicine	10	7
Institute of Nursing Theory and Practice	0	0
Institute of General Medicine	0	0
Institute of Social Medicine and Public Health	0	0
Institute of Pathology	0	2
Institute of Nuclear Medicine	0	3
Institute of Immunology and Microbiology	8	10
Institute of Forensic Medicine and Toxicology	2	1
Institute of Sports Medicine	2	4
Institute of Sexology	5	7
Institute of Inherited Metabolic Disorders	12	12
Laboratory for Gene Expression	4	2
Institute of Clinical Biochemistry and Laboratory Medicine	5	8
Department of Paediatrics at Thomayer Teaching Hospital	0	2
Department of Surgery at Thomayer Teaching Hospital	0	1
Department of Radiodiagnostics at TH Na Bulovce	0	0
Department of Orthopaedics at TH Na Bulovce	2	0
Department of Surgery at TH Na Bulovce	0	1
Institute of Radiation Oncology at TH Na Bulovce	0	0
Department of Plastic Surgery	1	4
Department of Gynaecology and Obstetrics at TH Na Bulovce	1	6

Name of the institution	Doctorands full-time	Doctorands combined
1 st Medical Department	10	12
Department of Nephrology	4	4
2 nd Medical Department	5	23
3 rd Medical Department	28	28
4 th Medical Department	6	10
Department of Medicine at Strahov	0	5
Department of Occupational Diseases	1	2
1 st Department of Tuberculosis and Respiratory Diseases	0	1
Department of Dermatology and Venereology	0	0
Department of Geriatrics	1	2
Department of Neurology	10	18
Department of Psychiatry	16	28
Department of Radiodiagnostics	0	5
Department of Oncology	6	2
Department of Rehabilitation Medicine	2	7
Department of Rheumatology	2	4
Institute of Spa Medicine	0	0
Department of Paediatrics and Adolescent Medicine	2	13
1 st Surgical Department	0	5
3 rd Department of Surgery	2	7
2 nd Surgical Department	3	12
Department of Anaesthesiology, Resuscitation and Intensive Care	2	6
Department of Orthopaedics	3	9
Department of Urology	1	8
Department of Otorhinolaryngology and Head and Neck Surgery	2	4
Department of Phoniatrics	1	2
Department of Ophthalmology	7	7
Research Institute of Stomatology	5	6
Department of Stomatology	7	13
Department of Gynaecology and Obstetrics	2	20
3 rd Department of Infectious and Tropical Diseases	4	4
Department of Neurosurgery	1	4
Medical Department of the Central Army Hospital	0	3
Department of Ophthalmology of the Central Army Hospital	0	0
Department of Pneumology	0	0
Institute of Scientific Information	0	0
Psychiatric centre Prague-Bohnice	3	4

Doctoral State Examinations

student's name	title	field	date of examination
Alena Adamíková	MUDr.	Physiology and pathophysiology of human	14 Dec 2006
Anderlová Kateřina	MUDr.	Physiology and pathophysiology of human	29 June 2006
Václava Bártů	MUDr.	Pharmacology and toxicology	21 June 2006
Kateřina Beránková	Mgr.	Pharmacology and toxicology	20 Sep 2006
Josef Bešík	MUDr.	Physiology and pathophysiology of human	9 Nov 2006
Martin Bortlík	MUDr.	Physiology and pathophysiology of human	12 Oct 2006
Tomáš Čermák	MUDr.	Physiology and pathophysiology of human	18 Dec 2006
Alena Čížková	Mgr.	Biochemistry and pathobiochemistry	8 Nov 2006
Vlasta Čtrnáctá	Mgr.	Physiology and pathophysiology of human	11 May 2006
Petr Dušek	MUDr.	Neurosciences	10 Apr 2006
Milan Flekač	MUDr.	Biochemistry and pathobiochemistry	13 Dec 2006
René Foltán	MUDr.	Experimental surgery	13 Dec 2006
Erika Gerlová	PhDr.	Psychology	27 June 2006
Pavel Harsa	PhDr.	Psychology	27 June 2006
Štěpán Havránek	MUDr.	Physiology and pathophysiology of human	22 June 2006
Petra Havránková	MUDr.	Neurosciences	15 May 2006
Klára Hofšetrová	Mgr.	Parasitology	20 Nov 2006
Lucie Houšková	Mgr.	Molecular and cell biology, genetics and virology	29 May 2006
Andrea Howardová	MUDr.	Psychology	27 June 2006
Petra Chalupná	MUDr.	Physiology and pathophysiology of human	20 Nov 2006
Jan Chlumský	MUDr.	Physiology and pathophysiology of human	9 Nov 2006
Peter Jakubík	MUDr.	Physiology and pathophysiology of human	28 June 2006
Pavel Ješina	RNDr. MUDr.	Biochemistry and pathobiochemistry	15 June 2006
Marie Jindřichová	MUDr.	Neurosciences	9 Oct 2006
Petra Kleiblová	MUDr.	Experimental surgery	6 Dec 2006
Alexy Kondrashov	MUDr.	Gerontology	20 Mar 2006
Miloš Kubánek	MUDr.	Physiology and pathophysiology of human	18 Dec 2006
Michal Kulda	MUDr.	Experimental surgery	27 Sep 2006
Miroslav Kverka	MUDr.	Immunology	5 Dec 2006
Anna Lábajová	Mgr.	Biomedical informatics	14 Sep 2006
Martin Leníček	MUDr.	Biochemistry and pathobiochemistry	11 May 2006
Dita Maixnerová	MUDr.	Physiology and pathophysiology of human	29 June 2006
Jiří Malý	MUDr.	Physiology and pathophysiology of human	9 Nov 2006
Dana Michalská	MUDr.	Physiology and pathophysiology of human	20 Nov 2006
Milan Mikula	Ing.	Biochemistry and pathobiochemistry	27 Sep 2006
Ludmila Moszkorzová	MUDr.	Physiology and pathophysiology of human	18 Dec 2006
Ivan Netuka	MUDr.	Physiology and pathophysiology of human	9 Nov 2006
Lenka Nosková	Mgr.	Biochemistry and pathobiochemistry	9 Nov 2006
Eva Olšáková	Mgr.	Psychology	26 Sep 2006
David Pavlišta	MUDr.	Experimental surgery	6 Dec 2006
Petr Pecina	Mgr.	Biochemistry and pathobiochemistry	8 Nov 2006
Eva Pospíšilová	MUDr.	Physiology and pathophysiology of human	11 May 2006
Lenka Pospíšilová	MUDr.	Biochemistry and pathobiochemistry	27 Sep 2006
Ivan Raška	MUDr.	Physiology and pathophysiology of human	20 Nov 2006
Vladimír Riljak	MUDr.	Physiology and pathophysiology of human	9 Nov 2006
Michaela Seydlová	MUDr.	Experimental surgery	25 Oct 2006
Katarína Smolková	Mgr.	Biochemistry and pathobiochemistry	13 Dec 2006
Martina Spišáková	Mgr.	Molecular and cell biology, genetics and virology	27 Nov 2006
Pavla Stopková	MUDr.	Neurosciences	12 June 2006
Miroslava Szkutová-Rohanová	MUDr.	Pharmacology and toxicology	30 June 2006
Cyril Šálek	Mgr.	Biology and pathology of the cell	8 June 2006
Filip Šámal	MUDr.	Neurosciences	11 Dec 2006
Lucie Šedivá	MUDr.	Physiology and pathophysiology of human	9 Nov 2006
Tomáš Šejda	MUDr.	Physiology and pathophysiology of human	20 Nov 2006
Iva Štěpánová	MUDr.	Neurosciences	11 Dec 2006
Zuzana Teuberová	MUDr.	Experimental surgery	25 Oct 2006
Veronika Tichá	MUDr.	Neurosciences	11 Dec 2006
Dana Ulbrichová	Mgr.	Biochemistry and pathobiochemistry	27 Sep 2006
Martin Vejražka	MUDr.	Biochemistry and pathobiochemistry	9 Nov 2006
Jana Volná	MUDr.	Neurosciences	12 June 2006
Daniela Záhoráková	Mgr.	Biochemistry and pathobiochemistry	27 Sep 2006
Jaroslav Zelenka	Ing.	Biochemistry and pathobiochemistry	11 May 2006
Marie Zikánová	Ing.	Molecular and cell biology, genetics and virology	9 Nov 2006

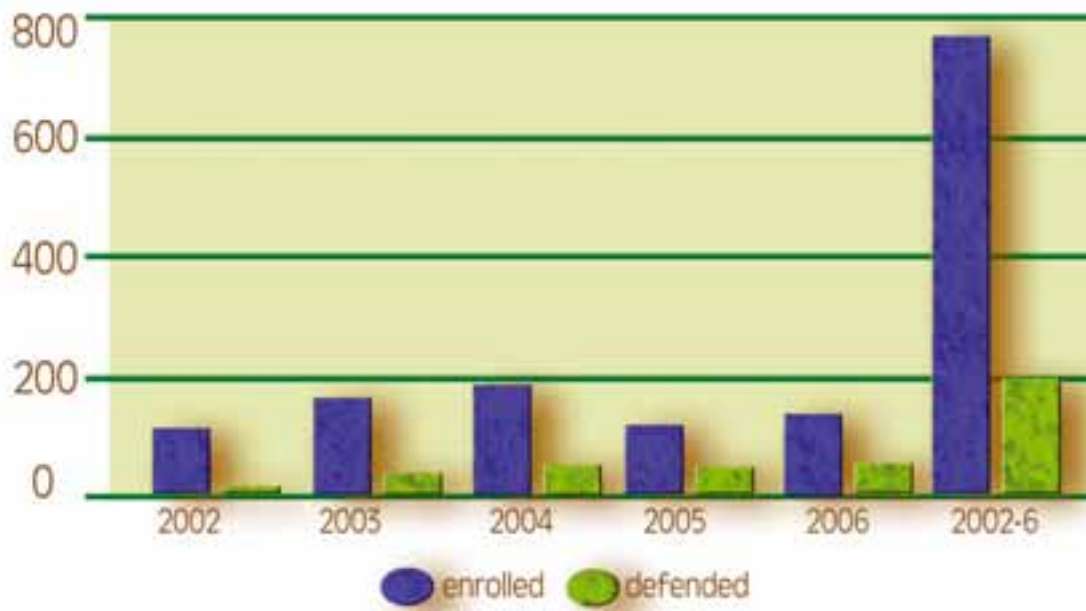
Theses Defended in the Doctoral Study Programme

Name	Title	Field	Date of defence	Title of the thesis
Martin Balík	MUDr.	Biology and pathology of the cell	15 June 2006	Biochemical monitoring and diagnosis of disorders of renal functions in critically ill patients
Petra Benešová	MUDr.	Physiology and pathophysiology of human	06 Apr 2006	Influence of cainate and chronic hypoxia on the density of nitrergic neurons
Olena Beskid	Mgr.	Molecular and cell biology, genetics and virology	27 June 2006	Cytogenetic analysis using fluorescence in situ hybridization (FISH) to evaluate occupational exposure to carcinogens
Radka Böhmová	MUDr.	Pharmacology and toxicology	21 June 2006	Transforming growth factor – BETA (TGF – B) in relation to chronic transplantation nephropathy in an experimental model and in clinical practice
Radka Braunerová	MUDr.	Physiology and pathophysiology of human	09 Mar 2006	Obesity and energetic metabolism
Eva Brožová	Mgr.	Biology and pathology of the cell	21 Sep 2006	Nuclear receptors in <i>Caenorhabditis elegans</i> : NHR – 40 regulates embryonic and larval development
Ivana Carey	MUDr.	Biology and pathology of the cell	15 June 2006	Immune Reactivity of Hepatic T Lymphocytes and Their Role in Pathogenesis of Liver Diseases
Ivane Chachkhiani	MUDr.	Experimental surgery	22 Nov 2006	Contribution of cytokine assays in inflammatory postoperative complications
Martin Chovanec	MUDr.	Biology and pathology of the cell	29 June 2006	Glycophenotype of the head and neck carcinomas
Lenka Dudková	Mgr.	Biochemistry and pathobiochemistry	20 Sep 2006	Role of glycoconjugates in cell signalling – CEACAM1 and Fcε R1
Michaela Dušková	MUDr.	Physiology and pathophysiology of human	12 Oct 2006	Male equivalent of polycystic ovaries syndrome
Kateřina Glogarová	RNDr.	Neurosciences	11 Dec 2006	Utilization of stem cells and their in vivo imaging in models of brain and spine lesions
Michael Halařka	MUDr.	Physiology and pathophysiology of human	29 June 2006	Possibilities in diagnosis of lymphoedema following surgery for malignant breast tumour
Magdaléna Hodková	MUDr.	Biochemistry and pathobiochemistry	21 Sep 2006	Oxidation stress, microinflammation and cardiovascular risk in patients with chronic kidney disease
Tomáš Honzík	MUDr.	Biochemistry and pathobiochemistry	08 Nov 2006	Specific properties of mitochondrial energy generating system in premature neonates
Olga Horáková	Mgr.	Biology and pathology of the cell	15 June 2006	Control of white adipose tissue metabolism: role of AMP – activated protein kinase and modulation by omega-3 polyunsaturated fatty acids
Daniel Hořínek	MUDr.	Neurosciences	10 Apr 2006	MR volumetry of the amygdala in Alzheimer's disease
Kateřina Jandová	MUDr.	Physiology and pathophysiology of human	16 Mar 2006	Morphological indicators of adaptability of the brain related to lack of oxygen
Zuzana Jarkovská	MUDr.	Physiology and pathophysiology of human	09 Mar 2006	Growth hormone IGF – I axis, its regulation, metabolic control and function. Alterations in plasma concentrations of ghrelin in selected pathologic conditions
Daniel Jiráek	Ing.	Biomedical biophysics	25 May 2006	Scope of the texture analysis method for assessment of the MR image
Filip Jírů	Mgr.	Biomedical biophysics	25 May 2006	Methods of spectroscopic imaging in clinical practice and experiments
Lucie Kaliřová	MUDr.	Neurosciences	13 Mar 2006	Role of selective binding of triiodothyronine by erythrocytes in the relation of hypothalamo-pituitary-thyroid axis and depressive disorder
Ladislava Kasalová	MUDr.	Physiology and pathophysiology of human	16 Feb 2006	Microvascular reactivity in patients with diabetes mellitus, hypercholesterolaemia and arterial hypertension
David Kemlínek	MUDr.	Neurosciences	25 Sep 2006	Genetic and etiopathogenetic aspects of restless feet syndrome
Ľuboslava Krásná	MUDr.	Biology and pathology of the cell	06 Apr 2006	Biological behaviour and selected molecular characteristics of epithelial cells reproduced in vitro from normal and tumour tissue of female milk gland
Tomáš Kučera	MUDr.	Biology and pathology of the cell	29 June 2006	Role of nitric oxide in regulation of apoptosis and cell cycle in various pathologic conditions
Robert Lische	MUDr.	Experimental surgery	07 June 2006	Immunosuppressive therapy in patients after transplantation of lungs and its complications

Martin Mašata	Ing.	Biology and pathology of the cell	02 Feb 2006	Image analysis of fluorescently labeled nuclear structures: DNA replication in focus
Eva Mianková	Mgr.	Biochemistry and pathobiochemistry	20 Sep 2006	Utilization of chelated ions of cobalt for immobilization and separation of proteins
Tomáš Mráček	Mgr.	Biochemistry and pathobiochemistry	08 Nov 2006	Sites and consequences of mitochondrial ROS production
Petr Pechl	MUDr.	Physiology and pathophysiology of human	16 Mar 2006	Ventricular activation patterns in conduction abnormalities and during different pacing modes
Soňa Peková	MUDr.	Molecular and cell biology, genetics and virology	09 Feb 2006	Detection of mutation status of IgVH genes and minimal residual disease in chronic lymphocytic leukemia
Tomáš Pešl	MUDr.	Experimental surgery	13 Dec 2006	Injury of tibiofibular fork of the ankle in a growing skeleton
Štěpán Podzimek	Mgr.	Preventive medicine	23 Nov 2006	Study of compensating mechanisms of adverse effects of metals on human organism
Jindra Reissigová	RNDr.	Biomedical informatics	15 June 2006	Cardiovascular Disease Risk Estimation Based on Data from Epidemiological Studies
Zuzana Říhová	MUDr.	Physiology and pathophysiology of human	22 June 2006	ANCA – associated renal vasculitis – epidemiology, diagnostics and treatment
Bohumil Seifert	MUDr.	Preventive medicine	15 Feb 2006	Helicobacter pylori and dyspepsia – a study in primary care
Klára Sušánková	RNDr.	Neurosciences	11 Dec 2006	Structure and function of the vanilloid receptor TRPV 1
Ladislav Šenolt	MUDr.	Physiology and pathophysiology of human	11 May 2006	Importance of selected biomarkers in assessment and pathogenesis of osteoarthritis
Olga Šimáková	Mgr.	Molecular and cell biology, genetics and virology	14 June 2006	Apoptosis Signalling Pathways and Biological Effects of TGFB
Petr Štoviček	MUDr.	Physiology and pathophysiology of human	26 Oct 2006	Detection of global ischemic changes in electric field of the heart
Tomáš Štulc	MUDr.	Physiology and pathophysiology of human	11 May 2006	Influence of hypolipidemic therapy on selected factors of the atherogenesis process
Olga Ulmanová	MUDr.	Neurosciences	15 May 2006	Essential tremor as a model disorder for analysis of tremor
Věra Valešová	RNDr.	Physiology and pathophysiology of human	16 Feb 2006	Role of the glutamatergic system in pathophysiology of schizophrenia
Dalibor Valík	MUDr.	Biochemistry and pathobiochemistry	21 Sep 2006	Pharmacogenetics and metabolic biomarkers in predicting drug response: Inborn errors of metabolism as functional models of pharmacogenetic diseases with specific emphasis on dosons of purine and pyrimidine metabolism
Jana Vandrovcová	Mgr.	Molecular and cell biology, genetics and virology	24 Apr 2006	Molecular Genetic Studies In Colorectal In Colorectal Cancer Families
David Veselý	MUDr.	Experimental surgery	13 Apr 2006	Role of growth factors in pathogenesis of papillary carcinoma of the thyroid gland
Jan Vevera	MUDr.	Neurosciences	13 Mar 2006	Biological and environmental factors of violent behaviour
Andrea Vítová	MUDr.	Biology and pathology of the cell	21 Sep 2006	Cellular and molecular mechanisms and possibilities of modulation of rejection of a corneal transplant
Yu Qunyan	M.D.	Biology and pathology of the cell	21 Sep 2006	G1 cyclins and their role in oncogenesis

Number of the Students Enrolled and the theses Defended in Doctoral Study Programmes at the First Faculty of Medicine (2002–2006)

year	2002	2003	2004	2005	2006	2002–2006
enrolled	110	176	190	138	149	763
defended	26	41	48	40	50	205



Students training in a microscopy Laboratory



The Department of Rehabilitation Medicine (left) and Hlava Building, the seat of the Institute of Pathology (behind)



Institute of Anatomy of the First Faculty of Medicine

SCIENCE AND RESEARCH



SCIENCE AND RESEARCH

Science and research, together with educational activities, form the essential part of the mission of our Faculty. The results of scientific activities of the Faculty staff, achieved since 2005, are strictly evaluated according to objective and worldwide recognized criteria. These criteria are based on *The methodology of evaluation of research and development and their output in 2005*, outlined by the Government Council on Science and Research, as well as in the amendment bill to the Act No. 130/2002 of the Collection, dealing with promotion of research and development. Therefore, the most important output of scientific activity in the sphere of basic research will be quality publications and their response in quotations, while in the sphere of applied research it will also include patents and – above all – licences. These criteria stimulate the Faculty staff to competitive activities in science and research at both national and international level, thereby increasing their further success in the competition for winning finance for further scientific projects. These criteria also allow for comparison between particular institutions, judgment on effectiveness of the funds invested, and – being closely connected to the evaluation of particular staff members – they, at a time, enable to strengthen the prestige of the Professor and Associate Professor posts gained through the habilita-

tion and appointment procedures at our Faculty. Undoubtedly, they are also a motivating factor for students, mainly post-graduate ones, who can build up their curricula well, consequently finding a wider scope to assert their expertise – not only at a local level.

Another favourable factor, as a rule, is the high opinion on the quality of the projects completed. The considerable increase in the allotted finance on research was mainly due to our success rate in gaining grants and complex research concepts and centres. An excellent feature is the traditional co-operation with the General Teaching Hospital, but also with a number of other research institutions, mainly those at the Academy of Science of the Czech Republic. The increase in international co-operation, both within the European Union and beyond, is also documented by a large number of joint publications and participations of our staff in international projects.

In the past few years, the funds gained for scientific activities even overtake the sum total allotted on students, and they tend to increase steadily. The following charts document the basic parameters of scientific work at the First Faculty of Medicine of Charles University, including the financial support for science from grant projects and also considering the Faculty's human resources.



Prof. MUDr. Aleš Žák, DrSc.
Vice-Dean for Science, Accreditation and Evaluation

GRANT SUPPORT OF SCIENCE AND RESEARCH

The list of grant projects run at the First Faculty of Medicine of Charles University and in the General Teaching Hospital in 2006 is displayed at the Faculty's website. The sum total of the subsidies in 2006 amounted up to CKR 360,147,000.

RESEARCH CONCEPTS IMPLEMENTED IN 2006

Molecular biology and pathology of the cell in normal state and in selected clinically important pathologic processes – Prof. Milan Elleder.

Molecular biological, genetic and epigenetic aspects of origination and development of model tumors of the adult age: Importance for epidemiology, early diagnosis and treatment – Prof. Pavel Klener.

Metabolic, endocrine and genetic aspects of prevention, diagnosis and therapy of cardiovascular, cerebrovascular and renovascular conditions – Prof. Jan Škrha.

OTHER INSTITUTIONS' RESEARCH CONCEPTS WITH PARTICIPATION OF THE FACULTY STAFF

Invasive approaches to save or regenerate the myocardium – Prof. Michael Aschermann.

Prevention, diagnosis and therapy of diabetes mellitus, metabolic and endocrine impairments of the organism – Prof. Martin Haluzík.

Chronic diseases due to inappropriate reactivity of the immunity system, their pathogenesis, and possibilities of early diagnosis and treatment – Prof. MUDr. Ivan Šterzl.

Use of experimental and clinical models of metabolic processes, nutrition and pharmacology for development of knowledge, clinical practice and improvement of the quality of life – Prof. Aleš Žák.

Pathophysiology of neuropsychiatric diseases and its clinical applications – Assoc. Prof. Hana Papežová.

Molecular bases of children's neoplastic conditions and therapeutic applications – Dr. Zuzana Zemanová.

Molecular biology and pathology of the cell in normal state and in selected clinically important pathologic processes – Dr. Ilona Hromadníková.

*Prof. MUDr. Aleš Žák, DrSc.
Vice-Dean for Science, Accreditation and Evaluation*

*Prof. MUDr. Aleksi Šedo, DrSc.
Vice-Dean for Grant Agenda*



*Prof. MUDr. Aleksi Šedo, DrSc.
Vice-Dean for Grant Agenda*

Survey of international projects solved at the Faculty in 2006

Name of the project	Type of instrument
Congenital disorders of Glycosylation: a European network for the advancement of research, diagnosis and treatment of a growing group of rare disorders (EUROGLYCANET)	6 th Framework Programme
Translating molecular knowledge into early breast cancer management building on the BIG network for improved treatment tailoring - TRANSBIG	6 th Framework Programme
Rational treatment strategies combating Mitochondrial Oxidative Phosphorylation Disorders (EUMITOCOM-BAT)	6 th Framework Programme
European Mantle Cell Lymphoma Network: Translational determination of molecular prognostic factors and pharmacogenomics in a European interdisciplinary collaboration (MCL network)	6 th Framework Programme
Measuring Health and Disability in Europe: supporting policy development (MHADIE)	6 th Framework Programme
Closed Loop Insulin Infusion for Critically Ill Patients (CLINICIP)	6 th Framework Programme
Dynamic Interactive Chemical Biology and Biomedicine (DYNAMIC)	6 th Framework Programme
Improving Knowledge and Decision Support for Healthy Lifestyles (HEALTH PLUS)	6 th Framework Programme
Neutralizing antibodies on Interferon beta in Multiple Sclerosis	6 th Framework Programme
Towards the development of an effective enzyme replacement therapy for human Alpha-mannosidosis (HUEMAN)	6 th Framework Programme
European Network for research on alternating hemiplegia in childhood for promoting SMEs integration (ENRAH)	6 th Framework Programme
Co-ordination action on Indoor Air Quality and Health Effects (ENVIE)	6 th Framework Programme
Development of public health indicators for reporting environmental occupational risks related to agriculture and fishery (DIRERAF)	European Commission – Health & Consumer
Improving the sexual and reproductive health of persons living with HIV in Europe (EUROSUPPORT)	European Commission – Health & Consumer
Cystathionine beta-synthase deficiency: a conformational disorder in the transsulphuration pathway of homocysteine metabolism	Wellcome Trust
Chromosome dynamics and organization across the cell cycle	Wellcome Trust
National-level educational program in geriatric medicine for primary care physicians in the Czech Republic	Merck Institute

Basic parameters of scientific activity at the First Faculty of Medicine 1993–2006

Publications and their impact							
	specifically:						
	Monographs and textbooks in Czech and English	specifically:	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
Original expert and scientific publications and reviews							
1993	53	412	151			ca 900	
1994	60	455	122	126	152,3	1,118	
1995	103	469	118	101	191,33	1,352	174
1996	61 73 ^{2/}	594 646 ^{2/}	126 130 ^{2/}	148 164 ^{2/}	180.42 183.43 ^{2/}	1,630 1,666 ^{2/}	184 196 ^{2/}
1997	160	819	208	172	445.9	1,495	190
1998	176	790	180	175	385.08	2,313	242
1999	124	891	216	185	472.11	3,029	222
2000	80	732	270	283	504.56	3,802	337
2001	106	964	287	356	769.61	4,720	411
2002	166	918	299	403	704.28	5,852	498
2003	110	1022	345	449	855.8	7,123	420
2004	213	992	293	461	756.1	9,710	647
2005	129	1,359	353	384	1,160.80	10,979	541

^{1/} In 1996 the list of bibliography does not include "grey literature" or congress abstracts; ^{2/} Including the General Teaching Hospital; ^{3/} From grants; From Research Concepts

Basic parameters of scientific activity at the First Faculty of Medicine 1993–2006 – continued

Financial and personnel support						
	Grant funds allotted in thousands CKR. Since 1999 Research Concepts	Number of grant projects incl. those submitted in GT Hospital. Since 1999 incl. Research Concepts.	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
1993	21,317	224		27	1,300	
1994	32,685	249	1,200	81	1,873	
1995	40,272	300	1,154	76	2,209	507
1996	76,419	316	984	136	1,361 1,505	522 643
1997	89,926	293	897 (+ 27)3/	229	2,789	631
1998	77,888	271	879.44 (+38.3)3/	312	3,218	734
1999	145,474	245	888.04 (+45.5)3/ (+113.9)4/	376	3,278	625
2000	146,131	263 8	890.67 (+58.9)3/ (+80.5)4/	471	2,668	845
2001	177,743	298 8	840.23 (+51.4)3/ (+104.1)4/	541	3,268	969
2002	181,743	281 8	838.42 (+28.7)3/ (+112.9)4/	597	3,672	1,028
2003	203,899	285 8	863.9 (+34.87)3/ (+116.29)4/	657	4,622	822
2004	236,304	268 8	867.9 (+45.05)3/ (118.92)4/	780	3,945	781
2005	319,565	318 3	836.35 (+68.99) 3/ (+197.47) 4/	629	4,073	937
2006	360,174	319 3	840.34 (+98.97)3 (+220.92)4	878		

APPOINTMENT OF PROFESSORS AND ASSOCIATE PROFESSORS IN 2006

In 2006 the Scientific Board of the First Faculty of Medicine performed 15 procedures for appointment to professor posts, which then were submitted to the Rector's Office of Charles University. Of these, 10 so far have been dealt with by the Scientific Board of Charles University in Prague, 9 approved on and submitted to the Ministry of Education, Youth and Sports of the Czech Republic for further procedures, while one proposal was declined by the Scientific Board of Charles University and the procedure of appointment was suspended. The president of the Czech Republic appointed 6 new professors, who had passed the procedures of appointment at the First Faculty of Medicine.

Further, the Scientific Board passed 17 habilitation procedures; subsequently, by the Rector of Charles University, 14 associate professors have been appointed so far.

PROCEDURES FOR APPOINTMENT TO PROFESSOR POSTS AT THE FIRST FACULTY OF MEDICINE OF CHARLES UNIVERSITY IN 2006

Doc. MUDr. Miloš Adamec, CSc.

Clinical Department of Transplantation Surgery of the Institute of Clinical and Experimental Medicine, Prague
Title of the lecture: Transplantation of abdominal organs
Appointment procedure in the field of **surgery**
Scientific Board on 28 Mar 2006
Appointed Professor with the effect from 16 Apr 2007

Doc. MUDr. Milan Bayer, CSc.

Department of Paediatrics and Adolescent Medicine of the First Faculty of Medicine and General Teaching Hospital
Appointment procedure in the field of **paediatrics**
Title of the lecture: Issues of interpretation of findings in children's osteology
Scientific Board on 28 Mar 2006
Appointed Professor with the effect from 16 Apr 2007

Doc. MUDr. Radim Černý, CSc.

Institute of Medical Chemistry and Biochemistry of the Plzeň Medical Faculty of Charles University
Appointment procedure in the field of **medical chemistry and biochemistry**
Title of the lecture: Protein mineralizing matrix – approach of molecular biology
Scientific Board on 28 Feb 2006
Appointed Professor with the effect from 6 Nov 2006

Doc. MUDr. Jan Daneš, CSc.

Department of Radiodiagnostics of the First Faculty of Medicine and General Teaching Hospital
Appointment procedure in the field of **radiology**
Title of the lecture: Mammography screening in the Czech Republic
Scientific Board on 26 Sep 2006

Doc. MUDr. Robert Gürlich, CSc.

Clinical Department of Transplantation Surgery of the Institute of Clinical and Experimental Medicine
Appointment procedure in the field of **surgery**
Title of the lecture: Incidence of solid malign neoplasms following transplantation of organs
Scientific Board on 26 Sep 2006

Doc. RNDr. Jan Hendl, CSc.

School of Basic Kinanthropology and Humanities of the Faculty of Physical Culture and Sport of Charles University
Appointment procedure in the field of **medical informatics**
Title of the lecture: Metaanalysis – advantages and limits
Scientific Board on 31 Jan 2006
Rejected by the Scientific Board of the University on 25 May 2006

Doc. MUDr. Jiří Jonák, DrSc.

Institute of Molecular Genetics of the Academy of Sciences of the Czech Republic
Appointment procedure in the field of **medical chemistry and biochemistry**
Title of the lecture: Elongation factor EF-Tu: properties of multidomain proteins in the aspect of their domains
Scientific Board on 26 Sep 2006
Appointed Professor with the effect from 16 Apr 2007

Doc. MUDr. Miroslav Kuba, CSc.

Institute of Pathologic Physiology of Hradec Králové Medical Faculty of Charles University
Appointment procedure in the field of **pathological physiology**
Title of the lecture: Electrophysiological manifestations of visual perception
Scientific Board on 25 Apr 2006
Appointed Professor with the effect from 16 Apr 2007

Appointment procedures passed in the Scientific Board (1995–2006)

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

Doc. MUDr. Milan Lukáš, CSc.

4th Medical Department of the First Faculty of Medicine of Charles University and General Teaching Hospital

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

Title of the lecture: Idiopathic intestinal inflammations at the turn of the millennium

Scientific Board on 28 Feb 2006

Appointed Professor with the effect from 16 Apr 2007

Doc. MUDr. Daniel Pella, Ph.D.

1st Medical Department of the Medical Faculty of P. J. Šafárik University in Košice

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

Title of the lecture: Is combining statins with omega-3 fatty acids and Q 10 coenzyme an advantage?

Scientific Board on 26 Sep 2006

Doc. MUDr. Luboš Petruželka, CSc.

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

Appointment procedure in the field of **oncology**

Institute of Radiation Oncology of the First Faculty of Medicine and Teaching Hospital Na Bulovce

Title of the lecture: Development in therapy of solid tumours in the past twenty years, as seen by an oncologist

Scientific Board on 28 Nov 2006

Doc. MUDr. Zdeněk Susa, CSc.

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

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

Title of the lecture: Pulmonary hypertension

Scientific Board on 31 Jan 2006

Doc. MUDr. Julius Špičák, CSc.

Clinical Department of Hepatogastroenterology of the Institute of Clinical and Experimental Medicine

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

Title of the lecture: Antibiotic prophylaxis in acute pancreatitis

Scientific Board on 27 June 2006

Doc. MUDr. Ivan Šterzl, CSc.

Institute of Immunology and Microbiology of the First Faculty of Medicine and General Teaching Hospital

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

Title of the lecture: Autoimmune thyreopathy – etiology and development

Scientific Board on 24 Oct 2006

Doc. MUDr. Josef Veselka, CSc.

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

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

Title of the lecture: Non-pharmacological treatment of patients with hypertrophic cardiomyopathy: Hopes, disappointments and challenges

Scientific Board on 28 Nov 2006

PROCEDURES FOR APPOINTMENT TO ASSOCIATE PROFESSOR POSTS AT THE FIRST FACULTY OF MEDICINE OF CHARLES UNIVERSITY IN 2006**MUDr. Jaroslav Čermák, CSc.**

Institute of Clinical and Experimental Haematology of the Institute of Haematology and Blood Transfusion

1st Medical Department of the First Faculty of Medicine of Charles University and General Teaching Hospital

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

Title of the lecture: New approaches to diagnosis and treatment of myelodysplastic syndrome

Scientific Board on 30 May 2006

Appointed Associate Professor with the effect from 1 Nov 2006

RNDr. Zdeněk Fišar, CSc.

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

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

Title of the lecture: Interaction of antidepressants with membranes

Scientific Board on 30 May 2006

Appointed Associate Professor with the effect from 1 Nov 2006

MUDr. František Holm, CSc.

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

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

Title of the lecture: Recent possibilities of revascularization of stem stenosis of the left coronary artery

Scientific Board on 31 Jan 2006

Appointed Associate Professor with the effect from 1 May 2006

MUDr. Hana Hubálková, Ph.D.

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

Appointment procedure in the field of **stomatology**

Title of the lecture: Modern materials in prosthetic dentistry

Scientific Board on 28 Nov 2006

MUDr. Roman Jiráček, CSc.

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

Appointment procedure in the field of **psychiatry**

Title of the lecture: Algorithm of therapy of patients with Alzheimer's disease

Scientific Board on 28 Feb 2006

Appointed Associate Professor with the effect from 1 July 2006

MUDr. Petr Kozler, Ph. D.

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

Appointment procedure in the field of **neurosurgery**

Title of the lecture: Brain oedema in neurosurgery

Scientific Board on 25 Apr 2006

Appointed Associate Professor with the effect from 1 July 2006

MUDr. Marie Kunešová, CSc.

Institute of Endocrinology, Prague

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

Title of the lecture: Influence of nutritional and genetic factors on reduction of weight in obese persons

Scientific Board on 25 Apr 2006

Appointed Associate Professor with the effect from 1 July 2006

MUDr. Luděk Peřinka, CSc.

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

Appointment procedure in the field of **stomatology**

Title of the lecture: Issues of endodont care as prevention of circummandibular inflammations

Scientific Board on 24 Oct 2006

Appointed Associate Professor with the effect from 1 Mar 2007

MUDr. Věra Pinskerová, Ph.D.

1st Department of Orthopaedics of the First Faculty of Medicine and Teaching Hospital Motol

Appointment procedure in the field of **orthopaedics**

Title of the lecture: Biomechanics of the knee joint – basis for the joint replacement design

Scientific Board on 19 Dec 2006

MUDr. Michal Pohanka, Ph.D.

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

Appointment procedure in the field of **sexology**

Title of the lecture: Chapters from pathophysiology and therapy of erectile dysfunction

Scientific Board on 28 Mar 2006

MUDr. Petr Pohlreich, CSc.

Institute of Biochemistry and Experimental Oncology of the First Faculty of Medicine

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

Title of the lecture: Hereditary breast carcinoma: molecular-genetic characterization

Scientific Board on 24 Oct 2006

Appointed Associate Professor with the effect from 1 Mar 2007

MUDr. David Pokorný, CSc.

1st Department of Orthopaedics of the First Faculty of Medicine and Teaching Hospital Motol

Appointment procedure in the field of **orthopaedics**

Title of the lecture: Aloplasty of the shoulder joint

Scientific Board on 19 Dec 2006

Appointed Associate Professor with the effect from 1 Mar 2007

MUDr. Jarmila Procházková, CSc.

Institute of Dental Research of the First Faculty of Medicine

Appointment procedure in the field of **stomatology**

Title of the lecture: Dental treatment of patients with metal intolerance

Scientific Board on 28 Feb 2006

Appointed Associate Professor with the effect from 1 July 2006

MUDr. Jan Šochman, CSc.

Clinical Department of Cardiology of the Institute of Clinical and Experimental Medicine

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

Title of the lecture: Some aspects of ischemic-reperfusional damage in acute myocardial infarction

Scientific Board on 27 June 2006

Appointed Associate Professor with the effect from 1 Oct 2006

MUDr. Milan Tuček, CSc.

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

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

Title of the lecture: Use of biological monitoring of exposure to mercury for the assessment of health risks

Scientific Board on 30 May 2006

Appointed Associate Professor with the effect from 1 Nov 2006

Zdeněk Valenta, M.Sc., M.S., Ph.D.

EUROMISE Centre

Institute of Informatics of Academy of Sciences of the Czech Republic

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

Title of the lecture: Flexible models for analysis of right-censored data on survival and their application in biomedicine

Scientific Board on 28 Feb 2006

Appointed Associate Professor with the effect from 1 July 2006

MUDr. Vladimír Visokai, Ph.D.

Department of Surgery of the First Faculty of Medicine and Thomayer Teaching Hospital

Appointment procedure in the field of **surgery**

Title of the lecture: Colorectal carcinoma as the cause of sudden abdominal episodes

Scientific Board on 27 June 2006

Appointed Associate Professor with the effect from 1 Jan 2007

2005 BIBLIOGRAPHY

In this Annual Report we, traditionally, give a survey of the data collected and the statistics of particular types of documents, published in 2005.

In 2005, a new methodology of statistical evaluation process was introduced, which is harmonized and compatible with the criteria of the Research and Development Council and Charles University in Prague. The criteria are accessible at the web pages of the Institute of Scientific Information of the First Faculty of Medicine of Charles University.

At the First Faculty of Medicine, 353 original articles and reviews were published in periodicals with an impact factor (IF) in 2005. In these publications, 461 Faculty staff members participated as authors or co-authors, and the total of the impact factors of those articles is as high as 1,160.8.

This figure includes:

- 5 titles in journals with an impact factor higher than 23 (Nature Genetics, Lancet, JAMA – Journal of the American Medical Association)
- 14 titles in journals with an impact factor between 15.171 and 10.053 (Journal of National Cancer Institute, Annals of Internal Medicine, American Journal of Human Genetics, Gastroenterology, Circulation, Proceedings of the National Academy of Sciences of the USA, Blood, EMBO Journal)
- 16 titles in journals with an impact factor between 9.200 and 6.094 (JACC – Journal of the American College of Cardiology, British Medical Journal, Diabetes, Human Mutation, Clinical Chemistry, Development, Annals of Rheumatic Diseases, Leukemia, Journal of Immunology, Stem Cells)
- 26 titles in journals with an impact factor between 5.1715 and 4.575 (Mutation Research – Reviews in Mutation Research, Journal of Hypertension, American Journal of Epidemiology, British Journal of Psychiatry, Sleep, Neurology, Journal of Hepatology, Kidney International, Archives of Neurology, Journal of Molecular Medicine, International Journal of Molecular Medicine, International Journal of Cancer, Breast Cancer Research and Treatment, Physiological Genomics, Journal of Neurochemistry, Cellular and Molecular Life Sciences, Haematologica)



Resource room at the Library of the Faculty

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Total publishing output of the First Faculty of Medicine in 2000–2005

Type of document	points	2000	2001	2002	2003	2004	2005
primary specialist/scientific publications in journals with IF	7	228	268	297	324	271	328
primary specialist/scientific publications in journals without IF	2	623	712	657	597	716	731
synoptic articles / reviews in journals with IF	10	62	15	7	21	22	25
synoptic articles / reviews in journals without IF	2	374	235	266	311	276	275
translation of articles in scientific/professional journals, or of chapters in monographs to/from Czech language	2.5 / 5	9	39	26	55	45	12
case studies	1	42	31	39	44	47	51
primary articles in newspapers or popularizing scientific journals	0.2	102	85	60	101	114	1
other types of articles in scientific/professional journals	0.2	176	98	81	121	111	167
conference abstracts in scientific/professional journals with IF	2	151	271	319	298	309	359
biographic articles (anniversaries, obituaries) in scientific/professional journals	0.2	2	12	17	24	30	34
reports of conferences and professional association sessions in scientific/professional journals	0.2	22	26	29	26	33	34
letters to the editors in scientific/professional journals with IF	4	0	2	3	11	2	4
letters to the editors in scientific/professional journals without IF	0.5	11	5	6	9	8	74
publications in proceedings/collections, entries in Pharmindex, Repetitorium, Doporučené postupy in Czech/Slovak language	1	117	83	123	1127	91	107
publications in proceedings/collections in other than Czech/Slovak language	2	80	60	68	71	61	57
chapters in monographs in Czech/Slovak language *)	5	177	206	213	184	296	424
chapters in monographs in other than Czech/Slovak language *)	10	22	28	24	21	38	15
monographs in Czech/Slovak language *)	5	60	64	55	61	52	61
monographs in other than Czech/Slovak language *)	10	3	0	1	0	2	6
textbooks, cyclopaedias, manuals, reference books, dictionaries, popularizing literature in Czech/Slovak language *)	5	63	52	114	45	120	21
textbooks, cyclopaedias, manuals, reference books, dictionaries, popularizing literature in other than Czech/Slovak language *)	10	3	1	0	4	39	2
patents and inventions	10	1	1	5	4	2	4
doctoral and professor degree dissertations and theses, MBA theses	2	3	18	11	23	12	10
scientific/educational presentations: audio, CD, film, video, DVD, 3D, multimedia, data filer, SW, expert system, www-document	2	5	24	89	41	30	9
any other abstracts, miscellaneous (all except for conference abstracts in scientific/professional journals with IF)		332	932	1,162	1,099	1,218	1,262
Total number of publications		2,668	3,268	3,672	4,622	3,945	4,073
Number of authors from the First Faculty of Medicine		845	969	1,028	822	781	937
Total IF of publications in the category primary/synoptic article with IF		504.6	769.6	704.3	902.6	756.1	1,160.8
Number of authors from the First Faculty of Medicine		283	356	403	449	461	384
Number of quotations in SCI		3,802	4,720	5,852	7,150	9,710	10,979
Number of authors from the First Faculty of Medicine, quoted in SCI, publishing in journals with IF		337	411	498	420	647	541

Bibliography, IF points and SCI points – 2005 TOP 40

Order	Author	Institution	Bibliography points	IF points	SCI points	Total
1	Pavelka, Karel	Department of Rheumatology	133.3276	6.5494	359	498.8770
2	Martásek, Pavel	Department of Paediatrics & Adolescent Medicine	7.9148	15.7986	461	484.7135
3	Hradec, Jaromír	3 rd Department of Medicine	21.5837	2.0421	461	484.6259
4	Aschermann, Michael	2 nd Department of Medicine	20.0662	3.0231	350	373.0893
5	Štěpán, Jan	3 rd Department of Medicine	12.6921	3.0470	348	363.7391
6	Prchal, Josef	Institute of Pathological Physiology	27.1583	55.6373	277	359.7957
7	Pravenec, Michal	Institute of Biology & Medical Genetics	5.6110	6.5988	285	297.2098
8	Tesař, Vladimír	Department of Nephrology	92.9310	7.4052	137	237.3362
9	Nevšímalová, Soňa	Department of Neurology	46.4709	7.1091	173	226.5800
10	Haluzík, Martin	3 rd Department of Medicine	25.7056	4.4510	194	224.1566
11	Křen, Vladimír	Institute of Biology & Medical Genetics	8.51028	9.4870	183	200.9973
12	Seifert, Bohumil	Institute of General Medicine	24.3650	0.0000	159	183.3650
13	Dungl, Pavel	Department of Orthopaedics at TH Na Bulovce	140.0300	0.0000	41	181.0300
14	Škrha, Jan	3 rd Department of Medicine	39.7462	16.5859	120	176.3320
15	Paclt, Ivo	Department of Psychiatry	88.7119	2.6001	80	171.3120
16	Tlaskalová, Helena	Institute of Immunology & Microbiology	11.0333	3.5933	154	168.6267
17	Chomiak, Jiří	Department of Orthopaedics at TH Na Bulovce	22.5000	0.0000	139	161.5000
18	Češka, Richard	3 rd Department of Medicine	69.1917	24.7030	59	152.8947
19	Marek, Josef	3 rd Department of Medicine	99.3150	2.4540	47	148.7690
20	Zima, Tomáš	Institute of Clinical Biochemistry & Laboratory Medicine	52.3391	20.1133	73	145.4524
21	Elleder, Milan	Institute of Inherited Metabolic Disorders	5.1130	7.7420	127	139.8550
22	Špička, Ivan	1 st Department of Medicine	104.9511	3.4578	7	127.9914
23	Dvořáček, Jan	Department of Urology	23.6850	1.4906	89	115.4089
24	Vencovský, Jiří	Department of Rheumatology	57.6717	12.4138	44	114.1756
25	Havrdová, Eva	Department of Neurology	93.2743	2.2235	18	114.0855
26	Svačina, Štěpán	3 rd Department of Medicine	97.9450	2.3779	10	113.4987
27	Roth, Jan	Department of Neurology	32.8907	11.3616	64	110.3229
28	Petruželka, Luboš	Department of Oncology	73.6653	2.8598	31	108.2523
29	Widimský, Jiří	3 rd Department of Medicine	103.6692	3.3223	21	107.5250
30	Říhová, Blanka	Institute of Immunology & Microbiology	9.8276	2.6309	92	104.4585
31	Raška, Ivan	Institute of Cellular Biology & Pathology	8.7528	5.7149	89	103.4677
32	Babjuk, Marek	Department of Urology	88.9522	2.3721	12	103.3243
33	Grim, Miloš	Institute of Anatomy	36.8351	6.8777	58	101.7128
34	Schreiber, Vratislav	3 rd Department of Medicine	93.0000	0.0000	7	100.0000
35	Gatterová, Jindřiška	Department of Rheumatology	1.9804	3.4780	89	94.4584
36	Bednár, Jan	Institute of Cellular Biology & Pathology	0.0000	0.0000	93	93.0000
37	Zeman, Jiří	Department of Paediatrics & Adolescent Medicine	16.7581	5.5936	68	90.3518
38	Vítko, Štefan	1 st Department of Medicine	1.6429	1.2754	86	88.9183
39	Papežová, Hana	Department of Psychiatry	20.8133	12.0909	55	87.9042
40	Linhart, Aleš	2 nd Department of Medicine	14.0038	2.6442	71	87.6480

Institute code	IF (new)	BIB (new)	SCI (new)	IF+BIB+SCI (new method)	Order by total points	Name of institution	Converted manpower (full-time positions)	Actual manpower	Converted positions per actual positions	Total per converted manpower	Order by total manpower	Total per converted manpower	Order by total per actual manpower	SCI out of total (per cent)	IF out of total (per cent)	BIB out of total (per cent)
530	180.94	730.39	1,812	2,723.33	1	3 rd Department of Medicine	44.95	73	0.62	60.586	5	37.306	3	66.54	6.64	26.82
641	21.68	299.55	671	992.23	2	Department of Rheumatology	2.55	16	0.16	389.110	1	62.014	1	67.63	2.18	30.19
520	47.59	136.67	639	823.27	3	2 nd Department of Medicine	19.30	50	0.39	42.656	9	16.465	16	77.62	5.78	16.60
610	36.77	462.43	310	809.20	4	Department of Psychiatry	30.00	63	0.48	26.973	21	12.845	23	38.31	4.54	57.15
600	49.00	369.35	354	772.34	5	Department of Neurology	23.90	40	0.60	32.316	14	19.309	11	45.83	6.34	47.82
650	53.79	81.30	630	765.09	6	Department of Paediatrics and Adolescent Medicine	33.80	63	0.54	22.636	28	12.144	26	82.34	7.03	10.63
160	40.61	65.88	645	751.49	7	Institute of Biology and Medical Genetics	17.90	36	0.50	41.983	10	20.875	8	85.83	5.40	8.77
180	90.97	102.71	504	697.68	8	Institute of Pathological Physiology	24.55	36	0.68	28.419	17	19.380	10	72.24	13.04	14.72
400	87.98	72.53	467	627.52	9	Institute of Inherited Metabolic Disorders	38.30	51	0.75	16.384	37	12.304	25	74.42	14.02	11.56
351	48.91	134.56	378	561.47	10	Institute of Immunology and Microbiology	27.15	54	0.50	20.680	32	10.398	29	67.32	8.71	23.97
540	28.19	271.37	221	520.55	11	4 th Department of Medicine	18.40	25	0.74	28.291	18	20.822	9	42.45	5.41	52.13
110	37.97	132.55	324	494.52	12	Institute of Anatomy	18.64	27	0.69	26.530	22	18.316	12	65.52	7.68	26.80
433	0.00	253.75	234	487.75	13	Department of Orthopaedics at TH Na Bulovce	4.00	10	0.40	121.937	2	48.775	2	47.98	0.00	52.02
510	16.99	176.34	265	458.34	14	1 st Department of Medicine	13.40	29	0.46	34.204	12	15.805	17	57.82	3.71	38.47
790	17.72	236.65	186	440.38	15	Department of Gynaecology & Obstetrics	19.45	31	0.63	22.641	27	14.206	22	42.24	4.02	53.74
410	48.59	123.43	247	419.02	16	Institute of Clinical Chemistry and Laboratory Medicine	7.70	20	0.39	54.418	6	20.951	7	58.95	11.60	29.46
720	13.60	360.13	35	408.73	17	Department of Urology	6.30	17	0.37	64.877	4	24.043	5	8.56	3.33	88.11
401	36.03	32.04	333	401.06	18	Institute of Cellular Biology and Pathology	13.80	19	0.73	29.063	16	21.109	6	83.03	8.98	7.99
511	16.00	133.46	217	366.46	19	Department of Nephrology	7.55	24	0.31	48.538	7	15.269	19	59.22	4.37	36.42
130	12.76	34.14	280	326.90	20	Institute of Medical Biochemistry	16.40	26	0.63	19.933	33	12.573	24	85.65	3.90	10.44
850	5.20	83.47	186	274.67	21	3 rd Department of Infection and Tropical Diseases at TH Na Bulovce	12.00	24	0.50	22.889	26	11.444	27	67.72	1.89	30.39
260	0.00	92.74	159	251.74	22	Institute of General Medicine	3.00	10	0.30	83.914	3	25.174	4	63.16	0.00	36.84
630	15.69	83.43	138	237.12	23	Department of Oncology	8.75	32	0.27	27.100	20	7.410	36	58.20	6.62	35.18
150	15.83	90.28	111	217.11	24	Institute of Physiology	18.15	23	0.79	11.962	45	9.440	32	51.13	7.29	41.58
170	20.35	130.75	66	217.10	25	Institute of Biophysics and Informatics	14.90	21	0.71	14.570	40	10.338	30	30.40	9.37	60.23
680	15.23	161.79	10	187.01	26	3 rd Department of Surgery at TH Motol	9.95	34	0.29	18.795	35	5.500	44	5.35	8.14	86.51
200	17.87	85.78	81	184.65	27	Institute of Hygiene and Epidemiology	8.90	11	0.81	20.747	31	16.786	15	43.87	9.68	46.46
861	0.00	67.22	116	183.22	28	Department of Medicine at General Army Hospital	3.80	22	0.17	48.216	8	8.328	34	63.31	0.00	36.69
240	0.00	164.17	8	172.17	29	Institute of Humanitarian Studies in Medicine	8.10	12	0.68	21.255	30	14.347	21	4.65	0.00	95.35
140	41.87	50.01	79	170.88	30	Institute of Biology and Experimental Oncology	12.95	20	0.65	13.195	42	8.544	33	46.23	24.50	29.27
860	3.08	88.45	66	157.53	31	Department of Neurosurgery at Central Army Hospital	5.65	16	0.35	27.881	19	9.845	31	41.90	1.95	56.15
590	17.45	77.52	33	127.97	32	Department of Geriatrics	3.90	7	0.56	32.814	13	18.282	13	25.79	13.64	60.58
560	3.39	73.96	47	124.35	33	Institute of Occupational Diseases	5.00	11	0.45	24.870	23	11.305	28	37.80	2.73	59.47
220	0.00	122.53	1	123.53	34	Institute of History of Medicine and Foreign Languages	13.10	15	0.87	9.430	48	8.235	35	0.81	0.00	99.19
750	11.00	51.97	56	118.97	35	Department of Ophthalmology	17.60	32	0.55	6.760	54	3.718	53	47.07	9.24	43.69
580	2.15	91.91	21	115.06	36	Department of Dermatology and Venereology	5.40	8	0.68	21.307	29	14.382	20	18.25	1.87	79.88
390	3.02	86.98	17	107.00	37	Institute of Sexology	3.10	6	0.52	34.517	11	17.834	14	15.89	2.82	81.29
770	7.45	68.62	27	103.06	38	Department of Stomatology	26.20	56	0.47	3.934	63	1.840	60	26.20	7.22	66.58
310	15.10	44.78	40	99.88	39	Institute of Pathology	9.60	16	0.60	10.404	46	6.242	40	40.05	15.12	44.83
710	14.83	46.24	37	98.07	40	Department of Orthopaedics at TH Motol	6.20	16	0.39	15.818	38	6.129	41	37.73	15.12	47.15
620	0.71	70.97	20	91.68	41	Department of Radiodiagnosics	4.60	13	0.35	19.931	34	7.052	37	21.81	0.77	77.41
730	8.44	48.39	32	88.83	42	Dept. of Otorhinolaryngology and Head & Neck Surgery at TH Motol	6.30	13	0.48	14.100	41	6.833	38	36.02	9.50	54.47

280	0.00	77.57	3	80.57	43	Institute of Social Medicine and Public Health	6.55	16	0.41	12.301	44	5.036	46	3.72	0.00	96.28
660	6.63	44.57	26	77.20	44	1 st Department of Surgery – Clinical Department of Abdominal & Thoracic Surgery and Traumatology	12.65	32	0.40	6.102	57	2.412	56	33.68	8.58	57.74
120	9.35	22.69	45	77.04	45	Institute of Histology and Embryology	14.20	16	0.89	5.426	59	4.815	47	58.41	12.14	29.45
190	3.75	24.11	49	76.85	46	Institute of Pharmacology	8.85	14	0.63	8.684	52	5.490	45	63.76	4.87	31.37
250	0.00	65.89	0	65.89	47	Institute of Theory and Practice of Nursing	8.90	16	0.56	7.404	53	4.118	52	0.00	0.00	100.00
550	7.91	16.33	41	65.25	48	Department of Medicine at Strahov	5.20	11	0.47	12.547	43	5.931	42	62.84	12.13	25.03
330	5.35	8.51	50	63.85	49	Institute of Nuclear Medicine	6.45	15	0.43	9.900	47	4.257	50	78.30	8.37	13.32
436	0.00	51.46	5	56.46	50	Department of Plastic Surgery at TH Na Bulovce	2.45	12	0.20	23.047	25	4.705	49	8.86	0.00	91.14
570	0.56	20.99	33	54.55	51	1 st Department of Tuberculosis and Respiratory Diseases	3.50	8	0.44	15.585	39	6.818	39	60.50	1.02	34.48
360	9.49	20.88	21	51.37	52	Institute of Forensic Medicine and Toxicology	5.80	9	0.64	8.857	50	5.708	43	40.88	18.48	40.64
690	3.50	25.18	3	31.68	53	2 nd Department of Surgery	3.50	16	0.22	9.052	49	1.980	59	9.47	11.06	79.47
640	0.00	31.03	0	31.03	54	Department of Rehabilitation Medicine	7.06	17	0.42	4.396	60	1.825	61	0.00	0.00	100.00
760	0.86	13.46	15	29.33	55	Institute of Dental Research	1.25	7	0.18	23.461	24	4.189	51	51.15	2.94	45.91
435	2.25	26.00	0	28.25	56	Institute of Radiation Oncology at TH Na Bulovce	1.70	6	0.28	16.617	36	4.708	48	0.00	7.96	92.04
700	0.00	16.29	7	23.29	57	Department of Anaesthesiology and Resuscitation	5.30	22	0.24	4.394	61	1.058	64	30.06	0.00	69.94
870	0.00	15.91	1	16.91	58	Department of Pneumology at Thomayer TH	2.80	11	0.25	6.039	58	1.537	62	5.91	0.00	94.09
171	0.00	7.41	8	15.41	59	Computer Technology Department	0.50	1	0.50	30.815	15	15.408	18	51.92	0.00	48.08
431	2.57	12.59	0	15.16	60	Department of Surgery at Thomayer Teaching Hospital	2.40	11	0.22	6.316	55	1.378	63	0.00	16.97	83.03
430	0.00	4.85	9	13.85	61	Department of Paediatrics G8sat Thomayer Teaching Hospital	2.20	6	0.37	6.293	56	2.308	57	65.01	0.00	34.99
740	0.00	12.75	1	13.75	62	Department of Phoniatrics	4.20	6	0.70	3.274	65	2.292	58	7.27	0.00	92.73
380	1.70	4.93	7	13.63	63	Institute of Sports Medicine	3.70	5	0.74	3.682	64	2.725	54	51.38	12.47	36.15
437	0.60	12.13	0	12.74	64	Dept. of Gynaecology & Obstetrics at TH Na Bulovce	3.90	14	0.28	3.266	66	0.910	67	0.00	4.73	95.27
434	1.05	10.64	0	11.69	65	Department of Surgery at FN Na Bulovce	3.80	12	0.32	3.076	67	0.974	66	0.00	8.97	91.03
862	0.00	10.43	0	10.43	66	Department of Ophthalmology at Central Army Hospital	1.20	4	0.30	8.694	51	2.608	55	0.00	0.00	100.00
432	0.00	7.04	2	9.04	67	Department of Radiodiagnosics at TH Na Bulovce	2.15	9	0.24	4.203	62	1.004	65	22.13	0.00	77.87
191	0.50	1.37	0	1.87	68	Inst. of Clinical & Experimental Haematology and Inst. of Haematology & Blood Transfusion	1.20	7	0.17	1.562	68	0.268	68	0.00	26.81	73.19
210					69	Institute of Physical Education	9.00	9	1.00	0.000	69	0.000	69			
290					69	Institute of Medical Biomodels	1.00	1	1.00	0.000	69	0.000	69			
450					69	Dept. of Anaesthesiology & Resuscitation at Thomayer TH	1.80	11	0.16	0.000	69	0.000	69			
642					69	Institute of Spa Medicine	2.30	19	0.12	0.000	69	0.000	69			
890					69	Institute of Scientific Information	4.50	5	0.90	0.000	69	0.000	69			
900					69	Dean's Office	1.30	2	0.65	0.000	69	0.000	69			



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



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

THE INSTITUTE OF SCIENTIFIC INFORMATION



REPORT OF ACTIVITIES OF THE INSTITUTE OF SCIENTIFIC INFORMATION

The Institute of Scientific Information of the First Faculty of Medicine of Charles University in Prague performed similar tasks in 2006 as in the years before. Its activities were directed, above all, to promotion and support of educational and scientific research processes at the Faculty. (The basic data of the activities of the Institute are given in the tables.) Even though, some innovations were also introduced in librarian information service of particular sections of the Institute, and some changes and alterations were done. Of the substantial ones we would like to mention the following:

There was a change in the position of the Head of the Institute of Scientific Information. Ms Hana Skálová, who had been responsible for the section of bibliographic information for several years, was appointed by the Dean to replace Dr. Alena Malečková.

A project was fine-tuned and approved for reconstruction of the building at 4 U Nemocnice, which had been intensively dealt with by the management of the Institute together with the Faculty architect since 2005. After the reconstruction the building should serve particularly for providing library information services and computer services.

Apart from this large-scale project, the management of the Institute had to prepare a schedule for moving some sections of the Institute that are located at 32 Kateřinská, which was due to the planned reconstruction that would take place in 2007. Particular stages of the relocation were planned in such a way so that they would interfere with the user services as little as possible.

In the second half of the year the new automated librarian software Aleph 500 was purchased. This is a new generation system, to which particular faculties of Charles University are gradually changing and which will contribute to the introduction of the Central Library Information System of the university. In co-operation with the Institute of Computer Technology of Charles University, not only the strategies of the process of integration of the library into the central system and the conversion of the data were set up but also the schedules of data conversion, pilot analyses of bibliographic data, test conversions, evaluation and fine tuning, including the set-up of the system to the needs of the library, and instruction of the staff. After the preparatory stage, the real data conversion will be launched and particular modules of the system put into operation (presumably in autumn 2007). The system will bring advantages to both the library users (giving them the access to information irrespectively of its physical location) and the staff. It will enable co-operative cataloguing, establishment of a central base of authorities, support of the MARC 21 national standard for downloading and sharing records by libraries, as well as the implementation of the MeSH medical thesaurus.

The library together with the Department of Computer Technology managed to launch the so-called distant access to data bases. Through the OneLog system, the Faculty staff and students can work with the data bases even beyond the premises of the Faculty.

The section of bibliographic information began to work, apart from the Web of Science data base, with the Scopus data base, which – compared to the former – is largely focused on the European publication output.

The staff of the Institute also takes part in the education of undergraduate students of the First Faculty of Medicine in the sphere of "information literacy"; since the academic year 2006-2007 the presentations for teaching have been displayed on the web pages of the Institute.

Thanks to installation of the new public computer stations at the premises of the library, the user traffic on the computers has increased.

Also important in the performance of the Institute and whole Faculty is the role of the section of didactics and reprography, which experienced a small reorganization in 2006. This was necessary in view of introduction of new technologies and their spreading to particular organization units of the Faculty. In the past year, digital photography became a standard means to record the educational, scientific, research and social activities at the Faculty. Together with the Department of Outward Relations and the Department of Computer Technology we have been preparing the establishment of the Faculty's digital depository, which might be possibly used as a photographic archive of the Faculty. Among other materials, the section has created audiovisual professional and scientific documents.

Basic data of the library

Acquisition of the library collection in 2005	4,182
Total library collection	273,666
Number of titles of periodicals taken	223
• elektronick titles *	93
Total opening hours per week	54
Number of units loaned out	73,214
Number of users of ISI	4,016
Number of users' seats in the resource room	67
Number of volumes freely accessible	3,807

* Electronic periodicals activated by subscription, exchange or donation (consortial titles are not included)

Structure of financial resources

	2006	2005	2004	2003
Faculty budget	1,037,611	890,506	579,562	768,400
Special subsidies	2,759,515	2,761,971	2,500,813	2,867,500
Sponsoring & donations	130,331	119,821	293,128	125,800
Other resources	2,829	6,886	53,213	17,156
Total	3,930,286	3,779,184	3,426,716	3,778,856

Number of inter-library and international loans executed

	2006	2005	2004	2003
Inter-library – lent	528	758	740	716
Inter-library – borrowed	1,074	1,298	991	786
International – borrowed	218	102	64	71
Total	1,820	2,158	1,795	1,573

**LIST OF MONOGRAPHS AND TEXTBOOKS BY AUTHORS FROM THE FIRST FACULTY OF MEDICINE,
PUBLISHED IN 2005 (BY RESPECTIVE PUBLISHERS)**

Publishing House Galén

ADÁMEK, Svatopluk; NAŇKA, Ondřej et al. *Primární hyperparathyreóza: diagnostika a terapie* [Primary hyperparathyreosis: diagnosis and therapy]. Prague: Galén, 2006. 202 pp. ISBN 80-7262-440-7

ANDERS, Martin et al. *Deprese z různých úhlů pohledů* [Depression in various aspects]. Prague: Galén, 2006. 117 pp. ISBN 80-7262-396-6

ASCHERMANN, Michael. *Rozhovor s Jiřím Widimským: cesta za poznáním srdce* [An interview with Jiří Widimský: The way to knowledge of the heart]. Prague: Galén, 2006. 276 pp. ISBN 80-7262-397-4

BOGUSZAKOVÁ, Jarmila; PITROVÁ, Šárka; RŮŽIČKOVÁ, Eva. *Akutní stavy v oftalmologii* [Acute conditions in ophthalmology]. Prague: Galén, 2006. 116 pp. ISBN 80-7262-386-0

JIRKOVSKÁ, Marie. *Histologická technika* [Histological technique]. Prague: Galén, 2006. 80 pp. ISBN 80-7262-263-3

KALVACH, Zdeněk; Onderková, Alice. *Stáří* [Elderly age]. Prague: Galén, 2006. 44 pp. ISBN 80-7262-455-5

KOBILKOVÁ, Jitka; LOJDA, Zdeněk; ONDRUŠ, Jiří et al. *Gynekologická cytodiagnostika* [Gynaecologic cytodiagnosics]. 2nd ed. Prague: Galén, 2006. 119 pp. ISBN 80-7262-313-3

KRŠEK, Michal; HÁNA, Václav et al. *Cushingův syndrom* [Cushing's syndrome]. Prague: Galén, 2006. 144 pp. ISBN 80-7262-399-0

LEBL, Jan; MACEK, Milan et al. *Kazuistiky z molekulární genetiky* [Case studies from molecular genetics]. Prague: Galén, 2006. 187 pp. ISBN 80-7262-418-0

LÍMANOVÁ, Zdeňka (ed.). *Štítná žláza* [Thyroid gland]. Prague: Galén, 2006. 371 pp. Trendy soudobé endokrinologie. Vol. 2. ISBN 80-7262-400-8

PAŘÍZEK, Antonín. *Kniha o těhotenství a porodu* [Book of pregnancy and childbirth]. 2nd ed. Prague: Galén, 2006. 414 pp. ISBN 80-7262-411-3

RABOCH, Jiří; ZRZAVECKÁ, Irena; DOUBEK, Pavel. *Nemocná duše – nemocný mozek: klinická zkušenost a fakta* [Ill soul – ill brain: clinical experience and facts]. Prague: Galén, 2006. 286 pp. ISBN 80-7262-420-2

ROZSÍVAL, Pavel et al. *Trendy soudobé oftalmologie* [Trends in modern ophthalmology]. Vol. 3. Prague: Galén, 2006. 246 pp. ISBN 80-7262-405-9

ROZTOČIL, Karel et al. *Angiologie 2006* [Angiology 2006]. Prague: Galén 2006. 149 pp. ISBN 80-7262-415-6

TROJAN, Stanislav; LANGMEIER, Miloš et al. *Slovníček lékařské fyziologie* [Mini-dictionary of medical physiology]. 2nd suppl. ed. Prague: Galén, 2006. 141 pp. ISBN 80-7262-375-3

TRNAVSKÝ, Karel; RYBKA, Vratislav et al. *Syndrom bolestivého kolene* [Sore knee syndrome]. Prague: Galén, 2006. 224 pp. ISBN 80-7262-391-5

Joint edition by Galén and Karolinum

HONZÁK, Radkin et al. *Základy psychologie* [Basic psychology]. Prague: Galén – Karolinum, 2006. 132 pp. ISBN 80-7262-377-X, ISBN 80-246-1138-4

KLENER, Pavel et al. *Propedeutika ve vnitřním lékařství* [Preparatives in internal medicine]. 2nd stereot. ed. Prague: Galén – Karolinum, 2006. 325 pp. ISBN 80-7262-429-6, ISBN 80-246-1254-2

KLENER, Pavel et al. *Vnitřní lékařství* [Internal medicine]. 3rd revised and suppl. ed. Prague: Galén – Karolinum, 2006. 1158 pp. ISBN 80-7262-430-X, ISBN 80-246-1252-6

NÁHLOVSKÝ, Jiří et al. *Neurochirurgie* [Neurosurgery]. Prague: Galén – Karolinum, 2006. 581 pp. ISBN 80-7262-319-2, ISBN 80-246-1202-X

ROZSÍVAL, Pavel et al. *Oční lékařství* [Ophthalmology]. Prague: Galén – Karolinum, 2006. 373 pp. ISBN 80-7262-404-0, ISBN 80-246-1213-5

Karolinum

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ČERNÝ, Karel; SVOBODNÝ, Petr. *Historia – Medicina – Cultura*. Prague: Karolinum, 2006. 289 pp. ISBN 80-246-1099-X

ELIŠKOVÁ, Miloslava; NAŇKA, Ondřej. *Přehled anatomie* [Survey of anatomy]. Illustr. by Ivan Helekal, Jan Kacvinský. Prague: Karolinum, 2006. 309 pp. ISBN 80-246-1216-X

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OTOVÁ, Berta; MIHALOVÁ, Romana; VYMLÁTIL, Jiří. *Biologie člověka pro bakalářské studium. I. Základy biologie a genetiky. II. Vývoj a růst člověka* [Human biology for Bachelor degree studies. (I) Basics of biology and genetics. (II) Development and growth of human]. 2nd revised ed. Prague: Karolinum, 2006. 182 pp. ISBN 80-246-1100-7

PELCLOVÁ, Daniela et al. *Nemoci z povolání a intoxikace* [Occupational diseases and poisonings]. 2nd ed. Prague: Karolinum, 2006. 207 pp. ISBN 80-246-1183-X

SEICHERT, Václav; ČIHÁK, Radomír; NAŇKA, Ondřej. *Průvodce sbírkami Anatomického ústavu 1. lékařské fakulty UK* [A guidebook of collections of the Institute of Anatomy of the First Faculty of Medicine of Charles University]. Prague: Karolinum, 2006. 99 pp. ISBN 80-246-1196-1

SCHNEIDERKA, Petr et al. *Stanovení analytů v klinické biochemii: praktická cvičení pro studenty lékařských fakult* [Establishment of analysts in clinical biochemistry: practical exercises for students of medical faculties]. Part 2. Prague: Karolinum, 2006. 91 pp. ISBN 80-246-1189-9

SMRČKA, Václav. *Trace elements in bone tissue*. Prague: Karolinum, 2006. 213 pp. ISBN 80-246-1033-7

SVOBODOVÁ, Dana. *An introduction to Graeco-Latin Medical terminology*. 3rd revised and suppl. ed. Prague: Karolinum, 2006. 363 pp. ISBN 80-246-1134-1

Grada Publishing

BARTŮNĚK, Petr et al. *Lymeská borelióza* [Lyme disease]. 3rd suppl. and revised ed. Prague: Grada Publishing, 2006. 123 pp. ISBN 80-247-1543-0

ČECH, Evžen; HÁJEK, Zdeněk; MARŠÁL, Karel et al. *Porodnictví* [Obstetrics]. 2nd revised and suppl. ed. Prague: Grada Publishing, 2006. 544 pp. ISBN 80-247-1303-9

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KALOUSOVÁ, Marta et al. *Patobiochemie ve schématech* [Pathobiochemistry in charts]. Prague: Grada Publishing, 2006. 263 pp. ISBN 80-247-1522-8

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MARKOVÁ, Eva; VENGLÁŘOVÁ, Martina; BABIAKOVÁ, Mira. *Psychiatrická ošetrovatelská péče* [Psychiatric nursing]. Prague: Grada Publishing, 2006. 352 pp. ISBN 80-247-1151-6

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TESAŘ, Vladimír; SCHÜCK, Otto et al. *Klinická nefrologie* [Clinical Nephrology]. Prague: Grada Publishing, 2006. 650 pp. ISBN 80-247-0503-6

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VOKURKA, Martin; HUGO, Jan. *Velký lékařský slovník* [Comprehensive medical dictionary]. 6th updated ed. Prague: Maxdorf, 2006. ISBN 80-7345-105-0

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Nucleus

KOPÁČOVÁ, Marcela et al. *Využití funkčních dechových testů v gastroenterologii* [Use of functional breathing tests in gastroenterology]. Hradec Králové: Nucleus, 2006. 136 pp. ISBN 80-86225-98-4

SOBOTKA, Luboš; NOVÁK, František; NAŇKOVÁ, Dana. *Klinická výživa a metabolická péče v gastroenterologii a gerontologii* [Clinical nutrition and metabolic care in gastroenterology and gerontology]. Hradec Králové: Nucleus, 2006. 145 pp. ISBN 80-86225-91-7

Nova Science Publishers

FERRERA, Linda A. (ed.). *Focus on Body Mass Index and Health Research*. New York: Nova Science Publishers, 2006. 156 pp. ISBN 1-59454-963-X

Osveta

FEDOR, Marián et al. *Intenzívna starostlivosť v pediatrii* [Intensive care in paediatrics]. 2nd ed. Martin: Osveta, 2006. ISBN 80-8063-217-0

Solen Print for Nestlé Česko

FRŮHAUF, Pavel et al. *Alergie kojeneckého věku* [Allergies of infancy]. Olomouc: Solen Print pro Nestlé Česko, 2006. 59 pp. ISBN 80-903776-0-2

Tigis

ROKYTA, Richard; KRŠIAK, Miloslav; KOZÁK, Jiří. *Bolest: monografie algeziologie* [Pain: A monograph of algesiology]. Prague: Tigis, 2006. 684 pp. ISBN 80-235-000-0-0

Publishing House Triton

BENÁKOVÁ, Nina et al. *Dermatovenerologie, dětská dermatologie a korektivní dermatologie 2006/07* [Dermatovenereology, children's dermatology and corrective dermatology]. Prague: Triton, 2006. 294 pp. ISBN 80-7254-855-7

BLAHOŠ, Jaroslav; ZAMRAZIL, Václav et al. *Endokrinologie: interdisciplinární obor* [Endocrinology: an interdisciplinary speciality]. Prague: Triton, 2006. 505 pp. ISBN 80-7254-788-7

BRÁZDIL, Milan; MARUSIČ, Petr et al. *Epilepsie temporálního laloku* [Temporal lobe epilepsy]. Prague: Triton, 2006. 273 pp., CD-ROM. ISBN 80-7254-836-0

BUREŠ, Jan et al. *Gastroenterologie 2006: collectio novissima*. Prague: Triton. 2006. 286 pp. ISBN 80-7254-598-1

FILA, Libor; MUSIL, Jaromír; SCHŮTZNER, Jan. *Nemoci pleury: minimum pro praxi* [Diseases of the pleura: Basics for practice]. Prague: Triton, 2006. 153 pp. ISBN 80-7254-752-6

RABOCH, Jiří; PAVLOVSKÝ, Pavel; JANOTOVÁ, Dana. *Psychiatrie: minimum pro praxi* [Psychiatry: Basics for practice]. 4th ed. Prague: Triton, 2006. 211 pp. ISBN 80-7254-746-1

RŮŽIČKOVÁ, Eva. *Glaukom – minimum pro praxi* [Glaucoma: Basics for practice]. 2nd ed. Prague: Triton, 2006. 108 pp. ISBN 80-7254-876-X

SVAČINA, Štěpán et al. *Metabolický syndrom* [Metabolic syndrome]. 3rd suppl. and extended ed. Prague: Triton, 2006. 179 pp. ISBN 80-7254-782-8

WIDIMSKÝ, Jiří jr. et al. *Arteriální hypertenze – současné klinické trendy* [Arterial hypertension: Recent clinical trends]. 2nd ed. Prague: Triton, 2006. 164 pp. ISBN 80-7254-802-6

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SCHULTZ, Iman Johannes; BABJUK, Marko et al. *Predicting tumor recurrence in patient with bladder cancer using molecular markers*. Nijmegen: Universiteit Nijmegen, 2006. 136 pp.

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ADAMEČEK, David et al. *Seznam a definice výkonů drogových služeb* [List and definitions of procedures of drug services]. Prague: Úřad vlády České republiky, 2006. 88 pp. ISBN 80-86734-81-1

Wiley-VCH Verlag GmbH & Co. KgaA

POLLARD, Kenneth Michael (ed.). *Autoantibodies and autoimmunity: molecular mechanisms in health and disease*. Weinheim: Wiley-VCH Verlag GmbH & Co. KgaA, 2006. 25, 608 pp. ISBN 3-527-31141-6

Ústav zdravotnických informací a statistiky

Nemoci z povolání 2005. Zdravotnická statistika [Occupational diseases 2005: Health statistics]. Prague: Ústav zdravotnických informací a statistiky, 2006. 73 pp. ISBN 80-7280-528-2

Prof. MUDr. Aleš Žák, DrSc.

Vice-Dean for Science, Accreditation and Evaluation



37th international exhibition of medical literature *Mega Books International* at the First Faculty of Medicine, held at 3rd Medical Department

INTERNATIONAL RELATIONS



INTERNATIONAL RELATIONS

The First Faculty of Medicine of Charles University has wide-ranging and intensive relations with a great number of universities and scientific institutions abroad, both in Europe and overseas.

At the level of education, co-operation takes place in the form of bilateral educational activities, undergraduate as well as postgraduate, with lectures of foreign specialists at the First Faculty of Medicine, conferences and meetings organized with the Faculty, but also stays of our teachers abroad.

INTERNATIONAL STUDENT EXCHANGE AND STAYS ABROAD

Thanks to systematic international co-operation, many chances to study abroad are offered to the students. For the current year, 58 bilateral contracts with partners abroad were signed or prolonged. Within the SOCRATES/ERASMUS programme, 121 of our students altogether travelled abroad in 2006/2007, which is still an increase in comparison to the years before. The number of incoming students stabilized at 65. Within the programme there is also a scope of chances for the students of nursing (8 places) and occupational therapy (6 places).

As one of the few European institutions, the First Faculty of Medicine offers international students with the possibili-

ty of short-term studies in English language within the ERASMUS programme; this is done in the form of stays attached to the English-taught parallel classes. This form, however, is rather demanding in the respect of both financing and – above all – organizing. For the coming years the First Faculty of Medicine states the guiding figures for particular branches of studies provided in English, while in taking the students able to take the short-term study stays in Czech language there will be no limitations in the foreseeable future.

Another resource of support for short-term study stays of our students abroad is the CEEPUS programme. And there is also an own Mobility Fund of Charles University, which enables to secure additional money to partly cover the stays and projects abroad not only for our students but also for teachers.

Last but not least, the stays organized thanks to IFMSA are an important activity, which enables the development of international contacts and stays of our students. The Faculty tries to improve this co-operation through simplifying the administrative procedures.

All the scope of international stays and short-term studies is regularly displayed on the Faculty web pages, which also include a detailed list of the current bilateral contracts.



Prof. MUDr. Aleš Linhart, DrSc.

Vice-Dean for Health Care Study Programmes, International Relations and Representation of the Faculty

Chart 1 – ERASMUS programme at the Faculty

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

SCIENTIFIC AND RESEARCH CO-OPERATION

In the sphere of science, co-operation with quite a number of institutions worldwide, whose list is given in Chart 2, develops considerably. There are a lot of programmes of exchange, international fellowships and stays within the research concepts and grant projects in progress. Lately, we succeeded in including the institutes of the First Faculty of Medicine in grant projects financed from abroad as well.

The First Faculty of Medicine has become an important and widely open research base in the field of biomedical sciences. Thanks to the increasing quality of the Faculty's publishing activities, its prestige abroad is considerably on an increase as well. The international co-operation has resulted in quite a number of publications based on international multi-centre team work. This approach, at a time, enables faster presentation of our own results and enhances their credit.

Another really pleasing fact is the participation of some prominent representatives of our institutes and departments in international associations and professional organizations, in managing committees of multi-centre projects, in editorial boards and in consulting bodies.

Our goal is to continue and enhance the international contacts of the First Faculty of Medicine, increasing their quality and further improving the prestige of the Faculty abroad. At a time, the Faculty institutions should play an even more active role in transformation of the Faculty into an open and modern base of science and research in biology and medicine. Although the number of offers for co-operation is still increasing, in many cases the co-operation fails to be implemented readily, just because of the quantity of offers. Therefore, now the stress will be still more on the quality in our international relations.

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Vice-Dean for Health Care Study Programmes,
International Relations and Representation of the Faculty*

Chart 2 – Survey of Partner and Co-operator Universities and Their Institutions
(source – annual reports of the Faculty departments and institutes)

Country	School
Australia	Alexandra Hospital for Children, Sydney University of Sydney, Faculty of Medicine
Austria	Herzchirurgie Landesklinikum, St. Pölten Landesklinikum Thermenregion, Moedling Medical University, Graz Medical University, Linz Medical University, Vienna University of Vienna University Hospital, Innsbruck
Belgium	Institut Jules Bordet, Brussels St. Pierre Para-University Hospital University Hospital, Leuven University of Antwerp, University Hospital
Brazil	University of Sao Paulo
Canada	Université de Montreal University of Manitoba, Winnipeg University of Toronto
Denmark	University Hospital, Copenhagen University of Copenhagen Aarhus University, Aarhus
France	Hôpital Européen Georges Pompidou, Paris Clinique St. Germain, Brive la Gaillarde Hôpital Cochin, Paris Hôpital de la Croix-Rousse, Université de Lyon Hôpital La Murette, Paris Hôpital Sevres Faculté de Médecine et Pharmacie L'Université de Lyon Hôpital Lariboisière, Paris Hôpital Necker, Paris Hôpital Tenon, Paris Institut Gustave Roussy, Villejuif Université Paris VI Pierre et Marie Curie, Paris L'Université de Grenoble
Germany	Charité - Campus Virchow, Humboldt Universität Berlin Johannes Gutenberg Universität, Mainz Max Planck Institut für Molekulare Genetik, Berlin Teaching Hospital, University of Rostock Helios-Clinics, Schwerin J. W. Goethe Universität, Frankfurt am Main Universität Marburg Universität Würzburg Universität Heidelberg Universität Münster Universität Tübingen Universität Jena Universität Munich
Great Britain	Faculty of Dentistry, University of Cardiff Heart Hospital, London Charing Cross Hospital, London Imperial College of Medicine, University of London John Innes Centre, Norwich King's College Hospital, London Royal Marsden Hospital, London School of Clinical Sciences and Community Health, University of Edinburgh St. George's Hospital Medical School, University of London Royal London Hospital University College, London University of Cambridge University of Edinburgh University of Newcastle upon Tyne University of Nottingham University of Oxford University of Southampton Western General Hospital, Edinburgh
Hungary	Isztván – Korhász Hospital, Budapest St. Stephen Hospital Petőfi Útca, Budapest

Ireland	National Maternity Hospital, Dublin Rotunde Hospital, Dublin
Israel	Hebrew University of Jerusalem Hebrew University, Hadassah School of Dental Medicine, Jerusalem Medical Center, Holon
Italy	St. Cross Catholic University, Rome Istituto Europeo di Oncologia, Milan Prima Clinica, L'Mangialli Hospital University of Milan University La Sapienza University of Verona University Turin
Japan	Hokkaido University, Sapporo Tokyo University of Technology & Agriculture, Graduate School of Bio-Applications and Systems Engineering, Tokyo
Netherlands	Catholic University, Nijmegen University Hospital, Rotterdam University of Rotterdam Medical Centre, Amsterdam
Poland	Ślaskie Centrum Chorób Serca, Zabrze
Slovakia	Lekárska fakulta Komenského univerzity, Bratislava Lekárska fakulta Univerzity J.P.Šafárika, Košice Národný onkologický ústav, Bratislava Gynekologicko-porodnícka klinika, Martin
Spain	Biological Research Centre (CIB), C.S.I.C., Madrid University of Cadiz
Sweden	Biomedical Center, Lund University Karolinska Institutet, Stockholm Karolinska Hematology Hospital Hematology Center, Stockholm University of Lund, Malmö University of Göteborg
Switzerland	Basler Kinderspital, Basel Friedrich Miescher Institut, Basel University of Bern University of Zürich

USA	Albany Medical College, Ordway Research Insti- tute, Albany Albert Einstein College of Medicine, NY Case Western Reserve University, School of Medi- cine, Cleveland Center for Biologics Evaluation and Research, Food and Drug Administration, Bethesda, Mary- land Center for Cancer Research, National Institute of Health, Bethesda Cold Spring Harbor Laboratory, Cold Spring Har- bor Columbia University Fogarty International Center Mayo Clinic Rochester, MN National Cancer Institute, Bethesda NYU Cancer Institute, NY State University of New York at Buffalo, Buffalo, NY Texas Heart Institute, Houston, TX Hastings Center, New York Rockefeller University, New York University Hospital, Pittsburg University Hospital, Rochester, MN University of Arizona University of California, Berkeley, CA University of California, San Diego, CA University of Colorado, Denver University of Chicago, IL University of Iowa University of Pennsylvania School of Medicine, Philadelphia University of Texas, Dallas University of Utah, Salt Lake City University of Utah University of Washington, Seattle, WA Baylor College of Medicine, Houston Harvard University Wadsworth Center West Virginia University Wisconsin University, Madison
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Students at the First Faculty of Medicine

OUTWARD RELATIONS



OUTWARD RELATIONS

The last year saw further development in the sphere of popularization and publicity of the activities of the First Faculty of Medicine, and further extension and considerable intensification of co-operation with the media. The PR events were coordinated with the General Teaching Hospital, which substantially simplified and intensified the early information transfer and contributed to its quality as well. A number of events were organized together with the General Teaching Hospital as well as with the press department of the Rector's Office of Charles University. The Faculty issued a large quantity of printed publicity materials and commissioned new promotional souvenirs. A volume of proceedings was published of the 7th Students' Scientific Conference, as well as commemorative prints for the Faculty alumni, the 2006 calendar and some other prints.

Academic Club of the First Faculty of Medicine

The Academic Club of the First Faculty of Medicine met its tenth anniversary in 2005. With the events held there, it has quickly won the interest of both professional and lay public, and the attention of media as well. Among the events there were press-conferences, discussion evenings, social meetings, seminars, exhibitions, concerts, first aid classes, etc. Regular concerts were given by the Dixieland Band of the First Faculty of Medicine, led by Professor Jiří Tichý. The events organized by the Jonáš Club Prague, held at Faust House, were really frequented.

The management of the Faculty is really interested in making the Academic Club, above all, a venue of the students and whole academic community of the First Faculty of Medicine. We noticed, however, an increased interest in using the premises from the students of the Faculty, Union of Czech Medical Students, IFMSA and those students who organize first aid classes for the public. In the eleven years of its activity, the Academic Club of the First Faculty of Medicine has become a popular venue, providing a worthy scope of social and cultural activities not only for the academic community of the Faculty but also for the public, and the time spent in the club is certainly a pleasant relief in the monotony of the everyday life. This beautiful place has its own *genius loci*, the magic of tranquillity with an air of history, which will undoubtedly impress every visitor.

Press conferences

The cycle of regular meetings with journalists in September 2005, provisionally called „Breakfast with journalists“, which was introduced in 2005 after the inauguration of Prof. Tomáš Zima as the Dean, has proved worthy, and has met a vivid response and interest among the journalists dealing with problems of education and health care. The result achieved was long-term publicity of the Faculty achievements in the media, covering its activities in education, science and research as well as those in the General Teaching Hospital. In 2006, as many as 19 press conferences were organized with our prominent specialists, concerning most various hot topics. Let's mention, at least, the press conferences on the new possibilities of diagnosis and treatment of breast carcinoma in women, on the opening of the Centre of Photonic Medicine, on

the opening of the Department of Therapy of Food Intake Disturbances, on the issues of stomatology and dentistry, on the success rates in treatment of malignant lymphomas, on Sigmund Freud's heritage (attended by the Minister of Health), on the entrance procedures at the First Faculty of Medicine, on the opening of the Centre for Neuropsychiatric Research, on the opening of the dental out-patient department after renovation, on the opening of the reconstructed premises of the Centre of Addictology, on diagnosis and therapy of rare conditions, on the identification of the gene and discovery of the molecular nature of the Sanfilippo C syndrome, on the launching of e-learning tuition at the Faculty, or on the opening of the Haematological Laboratory of the 1st Medical Department after renovation. The impact in the media was monitored and the academic community at the Faculty was regularly informed about the publicity. It proved a good idea to organize the press conferences mainly in the pleasant environment of the Academic Club of the First Faculty of Medicine in Faust House. At the end of 2006, the dean of the Faculty together with the other members of its management thanked the representatives of the media, when assessing the results of the year at the traditional Christmas meeting at the Academic Club.

Important events and anniversaries

One of the most important commemorative events that the First Faculty of Medicine organized in 2006 was the solemn afternoon session with special lectures, called *Johannes Jessenius and the anatomy in Prague*, held on the occasion of the 440th anniversary of Jessenius's birthday, 405th anniversary of the edition of his *Anatomia Pragensis*, and 385th anniversary of his death. On the day of the ceremony, the film *Lékař ztraceného času* (Physician of the time gone), about his life, was shown in the Great Lecture Hall of the Institute of Anatomy.

Under the auspices of Professor Václav Hampl, the rector of Charles University, Professor Tomáš Zima, the dean of the First Faculty of Medicine, and Dr. Pavel Bém, Lord Mayor of the Capital City of Prague, the congress *MORPHOLOGY 2006 – 43rd International Anatomical Congress and 43rd Lojda symposium was held*. Under the auspices of the First Faculty of Medicine and the Czech Society of Immunology, the Immunology Day 2006 was held at the Faculty, connected with the celebration of Prof. Terezie Fučíková's jubilee. Under the auspices of the dean of the First Faculty of Medicine, the president of the Academy of Sciences, and the Czech Anatomical Society, a lecture by Marshall W. Nirenberg, the 1968 Nobel Prize winner for physiology and medicine, was held.

At the Academic Club of the First Faculty of Medicine, the panel discussion on the topic *Scientometry, or How to evaluate the research in biomedicine in the Czech Republic at the beginning of 21st century*, met a great interest of the academic community, as well as the talk with Assoc. Prof. Zdeněk Wunsch, who translated the book *Cybernetics* by N. Wiesner, held on the occasion of the 45th anniversary of the Czech translation, the 6th Symposium of Medical Faculties of the Czech Republic on the topics *Neuropsychotherapy and Tuition of humanities at medical faculties in Czechia*, or the ceremony of presentation of *FLORENCE*, the new journal of modern nursing, organized

in co-operation with the Galén s.r.o. publishing house, and many others.

Social events

In 2006, already the 118th Medic Prom Ball was organized in co-operation with the NKL Žofín s.r.o. and the Union of Czech Medical Students, traditionally held in the beautiful environment of the Žofín Palace. For the first time, in turn, the Children's Day for the children of the employees of the First Faculty of Medicine and General Teaching Hospital as well as for the hospitalized children was organized, in co-operation with the Union of Czech Medical Students, Faculty of Education, Faculty of Theatre, General Teaching Hospital, Prague 2 City Police, and Black Dog motorbike riders' club. This co-operative event gave a momentum to the idea of wider co-operation with the city district authorities at Prague 2 and some other institutions, and became an impulse for more social events at Faust House.

The First Faculty of Medicine and the Humanitarian Club of Medics organized two concerts of the cycle *The faculty in the heart of Karlov* – the Easter concert in the church of Assumption and St. Charles the Great, where the 9th "New World" *Symphony* (op. 95) by Antonín Dvořák and the *Divertimento B major* (KV 137) by W. A. Mozart were played, and the Christmas concert in St. Catherine church, just opened after renovation, with *Te Deum* (op 103) and the *Lužany Mass in D major* (op. 86) by Antonín Dvořák as well as the *Meditation on St. Wenceslas Hymn* (op. 35a) by Josef Suk. Both concerts, kindly sponsored by Zentiva a.s. company, met a great interest, and not only within the academic community of the First Faculty of Medicine and the staff of the General Teaching Hospital.

Chair for Faust

Among the events held in the Academic Club of the First Faculty of Medicine, the Chair for Faust won most interest – a series of meetings presenting some prominent personalities from the Faculty and beyond. In the past seven years, more than ninety special guests have occurred there.

In 2006 fourteen interviews took place there, and such people were seated in the Chair for Faust as Professor Radomír Čihák, Professor Jiří Duchoň, Professor Pavel Filipi, Professor Václav Hampl, Professor Tomáš Klíma, Dr. František Koukolík, Professor Kyra Michalová, Professor Jiří Militký, Professor Emanuel Nečas, Professor Daniela Pelclová, Professor Blanka Říhová, Associate Professor Milan Špála, Professor Jiří Witzany, and Professor Jan Betka.

In 2006 the Faculty, together with Mr. Jaroslav Hořejší and the Galén s.r.o. publishing house, issued another volume with a selection of these interviews, the fifth already, which is now available in our bookshops. The ceremony of presenting the book was held at the Christmas meeting of the Faculty management with the Heads of the institutes and departments in the magnificent rooms of the New Town City Hall.

Exhibitions

In 2006, nine exhibitions of both professional and amateur paintings and photographs, including the works by visually impaired children and those with defects of hearing. This time, exhibitions of photographs attracted most attention – such as the photography exhibitions *Přírodní krásy USA* (The beauties of nature in USA) by Dr. V. Kmentová-Zbuzek, *Oko, okno a čas* (Eye, window and time) by the staff members of the clinical Department of ophthalmology, *Amerika, Egypt, Kambodža fotograficky* (America, Egypt and Cambodia photographically) by D. Jankásková, *Fotostřípky – Z toulek po horách jizerských* (Photo glimpses – Strolling in the Jizera

Mountains) by J. Liška, and *Fotomaratón Praha 2006* (Photomaratón Prague 2006) by the 13th Chamber Photography Club of the Institute of haematology and Blood Transfusion. However, the exhibition of paintings by Radka Kuželová was met with a great interest as well.

Presentations of books by the authors from the First Faculty of Medicine

In 2006 we introduced seventeen titles by the authors from the First Faculty of Medicine in the Academic Club, let alone further books, introduced outside the premises of the First Faculty of Medicine. The titles published by our authors included the following: *Neurorehabilitace* (Neurorehabilitation) by M. Lippertová Grünrová, *Náhlé příhody bříšní: operační manuál* (Abdominal emergencies: an operation manual) by P. Pařko, J. Kabát and V. Janík, „*Kvalitativní přístup a metody v psychologickém výzkumu* (Qualitative approach and methods in psychological research) by M. Miovský, *Historia – Medicina – Cultura* (a book of studies on the history of medicine, edited by K. Černý and P. Svobodný), *Geriatric pro praxi* (Geriatrics for practice) by E. Topinková, *Všeobecné praktické lékařství* (General practical medicine) by B. Seifert, V. Beneš et al., *Kapitoly z dějin lékařství* (Chapters from the history of medicine) by M. Říhová et al., *Každodenní život učitele a žáka jezuitského gymnázia* (Everyday life of the teacher and the pupil at a Jesuit grammar school) by K. Bobková-Valentová, *Porodnictví* (Obstetrics) by E. Čech, Z. Hájek and K. Maršál, *Klinická nefrologie* (Clinical Nephrology) by V. Tesař, O. Schüek et al.), *Syndrom bolestivého kolene* (Sore knee syndrome) by K. Trnavský, V. Rybka et al., *Primární hyperparathyreóza* (Primary hyperparathyreosis) by S. Adámek, O. Naňka et al., *Vnitřní lékařství* (Internal medicine) by P. Klener, *Alergie kojeneckého věku* (Allergies of infancy) by Frühauf, Fuchs, Polášková, Vernerová and Zlatohlávková, *Quo vadis české dětské lékařství* (Quo vadis Czech paediatrics) by Havlík, *Rukověť celiaka II.* (Celiac disease sufferer's handbook) by the Celiac Association of the Czech Republic, and *Prsa očima plastického chirurga* (Breasts as seen by a plastic surgeon) by J. Měšťák. Also the publications presented outside the Faculty, such as *Obrazový atlas chorobných stavů* (Picture atlas of pathologic conditions) by E. Topinková at Grada Publishing, a.s., as well as textbooks *Melanom* (Melanoma) by I. Krajsová at Maxdorf publishing house, and *Štítná žláza* (Thyroid gland) by Z. Límanová at Galén s.r.o. attracted much interest in the past year.

Medical Information Centre for European projects

Medical Information Centre for European projects (MICEP) is a common project by Charles University, the First Faculty of Medicine and Ministry of Education, Youth and Sport of the Czech Republic. It involves setting up a new specialized contact point for the sphere of health care, with national competency, focused on participation in EU projects. One of the main stimuli that led to the establishment of this information centre was the low percentage of medical development and research projects within the EU framework programmes, which for our science mean not only a chance to gain finance but above all new possibilities of co-operation between the member countries. The main responsibility of MICEP is to provide information about the possibilities of funding for science, research and development projects from the EU sources, to arrange contacts and to assist in preparation and management of the projects.

The most important MICEP event was the information day, held under the auspices of Prof. Zima, the dean of the First Faculty of Medicine, on 3rd–4th October 2006. The topic of the seminar was "Scope of possibilities of support for science

and research in health care from European funds”, which was immediately followed by the Irish lecturer Dr. Sean McCarty’s seminar on successful preparation and registration of projects.

Further information about the MICEP activities in 2006, new chances for scientists and researchers, and other topical questions can be found at <http://www.micep.cuni.cz/>.

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Chair for Faust featuring Prof. Radomír Čihák, the emeritus Head of the Institute of Anatomy and the founder and expert supervisor of the Third-age University at the First Faculty of Medicine

The First Faculty of Medicine of Charles University is the editor of two professional scientific journals – *Folia Biologica* and *Prague Medical Report*.

FOLIA BIOLOGICA

In 2006 the First Faculty of Medicine of Charles University became the editor of another journal, when it took over the bi-monthly of cell and molecular biology *Folia Biologica* (Prague) from the Institute of Molecular Genetics of the Academy of Sciences of the Czech Republic. Luckily, this journal was revitalized after its “clinical death” when its close-down had been officially announced. Above all, we managed to ward off its elimination from the essential data bases such as Web of Science, PubMed a Scopus, and therefore the loss of its impact factor (0.719) as well.

During the year the four-month delay in the edition of the journal was made up for successfully, and the December issue occurred on time already. In 2006, *Folia Biologica* published 27 articles, including 6 surveys, 17 original studies, 2 short reports and 2 editorials, on more than 200 pages altogether. The authors from the First Faculty of Medicine were involved as authors in 15 articles in total (10 original studies and 5 surveys), in 13 cases as the main authors.

Last year the journal started to provide the access to full texts from the PubMed and Web of Science servers, and to prepare the possibility of sending the texts in including the visuals.

PRAGUE MEDICAL REPORT

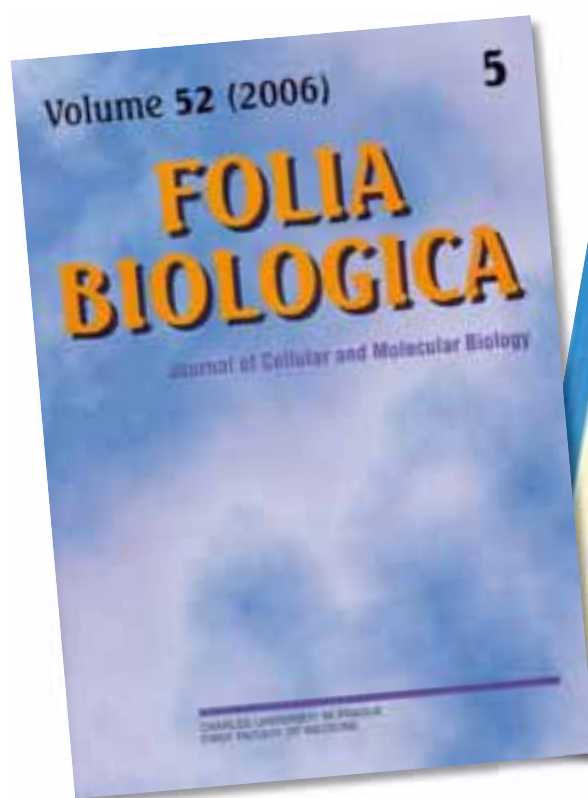
In the third year of its “new model age” *Prague Medical Report* (PMR) published 47 articles (compared to 41 in 2005). This fig-

ure included 10 surveys (8 in 2005), 28 original scientific studies (23 in 2005), 1 lecture (none in 2005), 3 case studies (4 in 2005), 3 texts of the memoir nature (5 in 2005), 2 short reports and 1 editorial, on 470 pages altogether. In all these articles, 48 authors from 28 various institutions of the First Faculty of Medicine were involved, in 36 cases as the main authors.

In 2006 the expert level of the journal went on rising. This was mainly due to the strict reviewing procedure. Some authors met response to their publications thanks to the access to the display of the contents and abstracts on the Faculty website. It is therefore pleasing that by the end of the year the management of the Faculty arrived at an agreement with the office of the Rector of Charles University, concerning publication of the texts from PMR on the Faculty website in full, and moreover, with a direct access from the University web pages.

Last year the Dean’s Prize for the 2005 best publication in PMR by authors under 35 years of age was awarded for the first time. It was won by Dr. Miloš Petrović from Belgrade for the article *Physiology and Pathology of NMDA Receptors*. For the 2006 award, the editorial board proposed the team of authors led by Dr. Ondřej Šeda, of the Institute of Biology and Medical Genetics of the First Faculty of Medicine and General Teaching Hospital, for their original study *Region of Rat Chromosome 8 Determines Complex Nutrigenetic Interactions under Conditions of Sucrose and Cholesterol Diets*.

Prof. MUDr. Aleš Žák, DrSc.
Vice-Dean for Science, Accreditation and Evaluation





At the Christmas meeting of the Heads of the sections of the Faculty and its teaching hospitals, the 6th volume of Chair for Faust, the book of interviews about science, medicine and other things, was presented by its patron Prof. Blanka Říhová, the prominent Czech neurologist



The Christmas meeting of the Heads of the sections of the Faculty and its teaching hospitals in beautiful rooms of the historic New Town Hall

MANAGING REPORT



AUDITOR'S REPORT





Praha, spol. s r. o.

auditing, tax and consulting services
member of PKF International

INDEPENDENT AUDITOR'S REPORT

Appropriate Addressee

The First Faculty of Medicine of Charles University in Prague
Kateřinská 32, 121 08 Praha 2

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 31 December 2006, and the income statement for the year then ended.

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 and fair presentation of these financial statements in accordance with Czech accounting regulations. This responsibility includes: designing, implementing and maintaining internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error; selecting and applying appropriate accounting policies; and making accounting estimates that are reasonable in the circumstances.

Auditors' 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 standards 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 and fair presentation of the



Praha, spol. s r. o.

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financial statements 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 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 31 December 2006, and of its financial performance and its cash flows for the year then ended in accordance with Czech accounting regulations.



HZ Praha, spol. s r. o.
Member of Pannell Kerr Forster INTERNATIONAL
auditor - decree No. 31
Kodaňská 1441/46
100 10 Praha 10

Ing. Petr Šrámek
auditor - decree No.1163

Prague, March 31 2007

The First Faculty of Medicine of Charles University in Prague
Balance Sheet

*(the financial statement have been prepared in the Czech currency - CZK)
For The Year Ended December 31,2006*

ASSETS				
identifi- cation	row	1.1.2006	31.12.2006	
a	b	c	1	2
A.	Fixed assets	1	633 824 204	749 013 719
1.	Intangible results of research and similary activities (012)	2	0	0
	Software (013)	3	14 698 122	18 218 607
	Valuable rights (014)	4	0	0
	Minor items of intangible fixed assets (018)	5	6 430 260	5 685 248
	Other intangible fixed assets (019)	6	529 179	529 179
	Acquisition of intangible assets in progress (041)	7	703 557	186 690
	Advancements for intangible fixed assets (051)	8	0	0
	Intangible fixed assets	9	22 361 118	24 619 724
2.	Accumulated amortization -intangible results of research and similary activities (072)	10	0	0
	Accumulated amortization - software (073)	11	-9 644 440	-11 794 186
	Accumulated amortization - valuable rights (074)	12	0	0
	Accumulated amortization - minor items of intangible assets (078)	13	-6 430 261	-5 685 248
	Accumulated amortization - other intangible fixed assets (079)	14	-158 768	-264 612
	Accumulated amortization - intangible assets	15	-16 233 469	-17 744 046
3.	Land (031)	16	0	0
	Work of art and collections (032)	17	521 258	725 258
	Buildings (021)	18	538 276 119	594 190 569
	Capital equipment units and property (022)	19	550 259 718	676 664 241
	Perennial crops (025)	20	0	0
	Breeding and draught animals (026)	21	0	0
	Minor items of tangible assets (028)	22	98 675 940	90 512 427
	Other tangible assets (029)	23	344 238	344 250
	Acquisition of tangible assets in progress (042)	24	77 746 974	59 372 115
	Advancements for tangible assets (052)	25	53 235	0
	Tangible fixed assets	26	1 265 877 482	1 421 808 860
4.	Accumulated depreciation - buildings (081)	27	-204 983 935	-217 994 518
	Accumulated depreciation - capital equipment; units and property classes (082)	28	-334 176 814	-370 819 624
	Accumulated depreciation - perennial crops (085)	29	0	0
	Accumulated depreciation - breeding and draught animals (086)	30	0	0

	Accumulated depreciation - minor items of tangible assets (088)	31	-98 675 940	-90 512 427
	Accumulated depreciation - other tangible assets (089)	32	-344 238	-344 250
	Accumulated depreciation-tangible fixed assets	33	-638 180 927	-679 670 819
5.	Shares and ownership investments in enterprises with controlling influence (061)	34	0	0
	Shares and ownership investments in enterprises with substantial influence (062)	35	0	0
	Other securities and ownership investments (063)	36	0	0
	Loans to enterprises in group (066)	37	0	0
	Other long-term loans (067)	38	0	0
	Other financial investments (068)	39	0	0
	Financial investments	40	0	0
B.	Current assets	41	201 179 893	210 719 754
1.	Materials in stock (112)	42	2 208 301	2 155 973
	Materials in transfer (119)	43	3 773	0
	Work in progress (121)	44	0	0
	Semi-finished products (122)	45	0	0
	Products (123)	46	0	0
	Animals (124)	47	0	0
	Merchandise in stock (132)	48	0	0
	Merchandise in transfer (139)	49	0	0
	Advancements for inventory (314)	50	0	0
	Inventory	51	2 212 074	2 155 973
2.	Trade receivables (311)	52	943 458	1 206 698
	Bills of exchange (312)	53	0	0
	Receivables - issued securities (313)	54	0	0
	Prepayment (314)	55	991 784	3 726 808
	Other receivables (315)	56	180 931	231 161
	Receivables on employees (335)	57	1 134 336	1 162 320
	Social security (336)	58	0	0
	Tax on income (341)	59	0	0
	Other direct taxes (342)	60	0	0
	Value added tax (343)	61	0	0
	Other taxes and charges (345)	62	0	0
	Receivables by virtue of financial relation to the state budget (346)	63	0	0
	Receivables by virtue of financial relation to the local government budget (348)	64	0	0
	Receivables from association (358)	65	0	0
	Receivables on bonds issued (375)	66	0	0
	Other receivables (378)	67	12 762 263	6 890 006
	Estimated receivables (388)	68	-349 256	-989 387
	Receivables	69	15 663 516	12 227 606
3.	Cash in hand (211)	70	210 411	280 152
	Postal stationery (213)	71	124 360	35 140
	Cash in bank (221)	72	179 745 977	191 978 583
	Sharing securities (251)	73	0	0
	Debt securities (253)	74	0	0
	Other securities (256)	75	0	0
	Cash in transfer (261)	76	0	0
	Financial assets	77	180 080 748	192 293 875

4.	Deferred expenses (381)	78	3 115 182	3 003 876
	Accrued revenues (385)	79	11 222	174 122
	Foreign currencies exchange losses (386)	80	97 151	864 302
	Temporary accounts	82	3 223 555	4 042 300
	Total assets	83	835 004 097	959 733 473

EQUITY + LIABILITIES				
identifi- cation		row	1.1.2006	31.12.2006
a	b	c	3	4
A.	Equity	84	706 194 623	823 164 615
1.	Capital (901)	85	636 047 367	751 236 881
	Funds (911)	86	69 584 118	70 398 753
	Capital + Funds	87	705 631 485	821 635 634
2.	Profit/loss for current year (963)	88	5 290 168	965 843
	Profit/loss in approval proces (931)	89	0	0
	Retained earnings, unpaid losses (932)	90	-4 727 030	563 138
	Profit/loss	91	563 138	1 528 981
B.	Liabilities	92	128 809 474	136 568 858
1.	Legal reserves (941)	93	2 200 000	4 400 000
2.	Bonds (953)	94	0	0
	Rent payables (954)	95	0	0
	Long-term deposits received (955)	96	0	0
	Long-term notes (958)	97	0	0
	Other long-term liabilities (959)	98	0	0
	Long-term liabilities	99	0	0
3.	Trade payables (321)	100	4 838 886	948 068
	Short-term notes (322)	101	0	0
	Deposits received (324)	102	0	0
	Other liabilities (325)	103	2 146 798	874 758
	Payables to employees (331)	104	30 809 889	29 219 098
	Other payables to employees (333)	105	515 549	435 702
	Payables to social security (336)	106	20 093 110	18 011 018
	Tax on income payable (341)	107	0	0
	Other direct taxes (342)	108	7 748 566	6 557 459
	Value added tax (343)	109	0	0
	Other taxes and charges (345)	110	0	0
	Payables by virtue of financial relation to the state budget (346)	111	8 332 725	11 562 062
	Payables by virtue of financial relation to the local government budget (348)	112	636 290	913 057
	Payables by virtue of subscribed securities and deposits (367)	113	0	0
	Payables to association (368)	114	0	0
	Other payables (379)	115	3 306 625	3 991 721
	Estimated payables (389)	127	-3 730 811	-3 216 802
	Current liabilities	116	74 697 627	69 296 141
5.	Accrued expenses (383)	124	103 695	0
	Deferred revenues (384)	125	51 807 551	62 872 449
	Foreign currencies exchange gains (387)	126	601	268
	Accruals	130	51 911 847	62 872 717
	Total liabilities + equity	131	835 004 097	959 733 473

The First Faculty of Medicine of Charles University in Prague
Profit And Loss Statement

(the financial statement have been prepared in the Czech currency - CZK)
 For The Year Ended December 31, 2006

Acc. Nr.	row	activity		total	
		head	economic		
501	Consumption of material	002	96 289 623	2 041 575	98 331 198
502	Consumption of energy	003	23 585 880	0	23 585 880
503	Consumption of other non-stockable supplies	004	0	0	0
504	Cost of merchandise sold	005	0	0	0
511	Maintenance	007	39 178 385	403 804	39 582 189
512	Travel expenses	008	15 729 448	99 164	15 828 612
513	Representaion cost	009	365 889	135 142	501 031
518	Other outside services used	010	29 635 553	2 521 771	32 157 324
521	Wages and Salaries	012	354 647 185	2 230 010	356 877 195
524	Statutoryl social security expenses	013	121 738 560	616 188	122 354 748
525	Other social security expenses	014	0	0	0
527	Legal social expenses	015	7 495 836	0	7 495 836
528	Other social expenses	016	898 200	0	898 200
531	Road tax	018	10 825	0	10 825
532	Property tax	019	0	0	0
538	Other taxes and fees	020	134 437	0	134 437
541	Contractual fines and penalties	022	0	1 361	1 361
542	Other penalties	023	81	0	81
543	Un-collectable accounts receivable expenses	024	1 537	0	1 537
544	Interest	025	0	0	0
545	Exchange rate loses	026	11 912 018	2 147	11 914 165
546	Gifts	027	0	0	0
548	Involuntary conversion	028	291 333	0	291 333
549	Other expenses	029	97 363 296	4 247 017	101 610 313
551	Amortization of intangible and deprecation of tangible assets	030	72 326 260	0	72 326 260
552	Net book value of sold tangible and intangible assets	032	173 198	0	173 198
553	Sold securities and deposits	033	0	0	0
554	Purchase price of sold raw materials	034	0	0	0
556	Creation of legal reserves	035	0	2 200 000	2 200 000
559	Creation of legal allowances	036			0
581	Contributions given organiz. unit	038			0
582	Contributions given	039			0
	Total expenses	042	871 777 544	14 498 179	886 275 723
	Internal expenses	042	4 102 754	310 338	4 413 092
	Total expenses incl. Internal expenses	042	875 880 298	14 808 517	890 688 815

Acc. Nr.		row	activity		total
			head	economic	
601	Revenues from own products	044	0	0	0
602	Revenues from rendering services	045	75 931 126	14 442 759	90 373 885
604	Revenues from merchandise	046	0	0	0
611	Change in inventory of work in progres	048	0	0	0
612	Change in inventory of semi-finished products	049	0	0	0
613	Change in inventory of own products	050	0	0	0
614	Change in inventory of animals	051	0	0	0
621	Capitalisation of materials and merchandise	053	0	0	0
622	Capitalisation of own services	054	0	0	0
623	Capitalisation of intangible assets	055	0	0	0
624	Capitalisation of tangible assets	054	0	0	0
641	Contractual fines and delay interest	058	0	0	0
642	Other fines and penalties	059	0	0	0
643	Revenues from un-collectable receivables	060	0	0	0
644	Interest	061	4 661 287	19 222	4 680 509
645	Exhcange rate profits	062	395 347	3 534	398 881
648	Clearing of equity accounts	063	18 120 175	0	18 120 175
649	Other revenues	064	112 271 612	242 097	112 513 709
652	Revenues from sale of tangible and intangible assets	066	179 785	0	179 785
653	Revenues from sale of securities and deposits	067	0	0	0
654	Revenues from sale of raw materials	068	952	795 845	796 797
655	Revenues from short-term financial assets	069	0	0	0
656	Clearing of legal reserves	070	0	0	0
657	Revenues from long-term financial assets	071	0	0	0
659	Clearing of legal allowances	072	0	0	0
681	Contributions received from operational units	074	0	0	0
682	Contributions received	075	0	0	0
684	Membership fees received	076	0	0	0
691	Operating grants	078	651 461 012	0	651 461 012
	Total revenues	079	863 021 296	15 503 457	878 524 753
	Internal revenues	079	11 636 564	1 493 341	13 129 905
	Total revenues incl. Internal revenues	079	874 657 860	16 996 798	891 654 658

	Net income/loss before taxation	080	-1 222 438	2 188 281	965 843
591	Income tax - current year	081	0	0	0
	Net income/loss after taxation	082	-1 222 438	2 188 281	965 843

ATTACHMENTS



STUDENTS' ACTIVITIES



STUDENTS' ACTIVITIES

UNION OF CZECH MEDICAL STUDENTS

For the Union of Czech Medical Students (UCMS), 2006 was a year packed with changes. The most striking ones started to occur in the summer time, when the Union club at Faust House was refurbished and redecorated. The walls of the rooms, frequented by the Union members throughout the academic year, got a nice new "coat", and during the rest of the year the furniture was completed as well, to make the time spent in the club even more pleasant. The old armchairs were replaced with a new set, the large table got a new finish, and – last but not least – the librarian's workplace was renovated. The point is that our premises serve not only for sessions of the executive, when making plans of our projects, but also for relaxation and recreation of students in their spare time. Apart from board games, darts and table-top football game, UCMS offers its members with a quiet nook to study in. This is our library, with literature mostly in foreign languages (used mainly by the students of our "English parallel classes" or those studying under the Socrates-Erasmus programme). Furthermore, nine computers are available in the Union rooms, with the access to the Internet, and the Wi-fi connection available for laptops. Together with UCMS, the local organization of IFMSA uses our premises; we have been co-operating for several years to full satisfaction.

However, when talking of changes, we must not forget those not so obvious but nonetheless important. On 24th October 2006, a new UCMS executive was appointed, and since the academic year 2006-2007 there have been some changes to the rules of membership in UCMS too.

NEW UCMS EXECUTIVE

The changes in the composition of the executive were caused by graduation of the older students, now practising physicians, who had to be replaced in office by younger students, willing to carry on the work in progress and develop the activities of the Union. We are all fully aware that for the smooth operation of the Union of Czech Medical Students at the First Faculty of Medicine, whose nearly inseparable part the Union has become, it is necessary to motivate and engage the students from the lower grades above all.

UCMS MEMBERSHIP

Since the academic year 2006-2007 there have been some changes to the rules of membership in the Union of Czech Medical Students. In particular, these concern the duration of the membership. This is now valid for the whole time of the studies at the First Faculty of Medicine, rather than just for the current academic year as it used to be. The member fee is CKR 100, collected as a lump sum. Then the member will receive the UCMS sticker, attached to the back side of his or her student's ID card. Once labelled with the sticker, the ID is also valid as a UCMS member card at a time. At present, the Union of Czech Medical Students at the Faculty has 170 new members, registered since the beginning of the academic year 2006-2007. Apart from "ordinary" members, there is one hon-

orary member in our ranks as well. This is the dean of the First Faculty of Medicine, Prof. Tomáš Zima, who accepted the honorary membership on 5th December 2006, when visiting our rooms at Faust House.

WHAT ELSE DOES UCMS TAKE CARE FOR?

Above, I have mentioned the Socrates-Erasmus programme students. Our library is not all that we try to do for them. UCMS runs the Erasmus Student's Office for them, as a means of keeping the students informed about particular UCMS events – not just about those organized directly for the Erasmus students but also about all the others. Our members also help the "erasmus" in coping with the problems concerning studies as well as everyday life in this country.

SURVEY OF PROJECTS IMPLEMENTED IN 2006

In 2006, quite a number of social events were organized by UCMS, and not only for relaxation of the students and teachers of the Faculty but also for children and their happy smiles. As we suppose that these projects have been successful and useful ones, we want to continue their implementation in the next year too, and – to our capacity – we would like to add some more.

The social event that opens the coming year, and also the first event of the year with UCMS involved, is the **Medic Prom Ball**. In 2006 it was held for the 118th time already.

Of other projects, the following are certainly worth noticing:

2006 picnic

An event, which attracts more and more people from year to year and justly it has won everyone's attention, not only among students but also among the Faculty staff and – most importantly – among the Heads of the departments and institutes, for these are the people who make our afternoon in the park even more pleasant, treating us to all those yummys specially baked for students.

Star Rave-up

This traditional party at the Hvězda ("Star") club has taken place even three times in the past year. Regular discos are always organized at the beginning of the academic year, particularly to give the first year students a chance to meet their new colleagues. The second Star Rave-up traditionally takes place before the end of the academic year. And this year there was a special St. Nicolas Eve party in addition.

No Smoking Party

An event of a nature similar to that of Star Rave-up, but featuring a different kind of alternative music and with a smaller – although still increasing – audience. Its name indicates that here the students can try having real fun without cigarettes and the stench of tobacco smoke.

Now we may have made the impression that our only aim is letting off steam at popular venues. So let's not forget about some other events, organized – in turn – for children.

Children's Day 2006 at the First Faculty of Medicine

This was the first occasion of the year where the Union members contributed to an event organized for children and did their best to help the children really enjoy the festival.

St. Nicholas Eve

Another project for children, this time of own rather than Faculty provenance. The UCMS members in the traditional disguise of St. Nicholas, Devil and Angel pleased about fifty children who had to spend the time before Christmas at the hos-

pital wards with their appearance and small presents. These – sweets, fruit and small toys – were presented by students of the First Faculty of Medicine in a charity collection organized by our members as well as bought by UCMS.

Last but not least, we – in co-operation with IFMSA – help to organize the worldwide Anti-AIDS Combat Day. The yield of the red ribbons sold at the Faculty premises was transferred for the Czech AIDS Help Society.

For 2007 we have already prepared a couple of new events, but these will only be told about in the next, 2007 Annual Report.

*Pavel Rutar
Chairman of the executive
of the Union of Czech Medical Students*



In Children's Day 2006, organized by the Faculty and General Teaching Hospital, motorbike riders of BLACK DOGS LE MC Club participated as well



The 2007 Student's picnic in the garden of the departments of Psychiatry and Neurology

REPORT OF ACTIVITY OF IFMSA CZ AT THE FIRST FACULTY OF MEDICINE

The active IFMSA members are mainly involved in organization of clinical and research placements for students of the First Faculty of Medicine, projects in the sphere of public health, prevention of AIDS and other STDs, and further education of prospective physicians. At the time, IFMSA has the following committees:

SCOPE – COMMITTEE FOR CLINICAL PLACEMENTS

Every year IFMSA CZ organizes clinical placements abroad for about 200 students of medical faculties. This is mainly bilateral exchange.

Last year, 225 contracts were signed for the Czech Republic. From our faculty, 45 students participated on clinical placements abroad, while 38 students from abroad arrived at the First Faculty of Medicine.

For the current year, 35 placements for the students of the First Faculty of Medicine have been planned so far, with the option of signing some additional contracts.

Students of the First Faculty of Medicine also have the chance to participate in implementation of the placements as residents. This position involves communication with the incoming students, making up the social programme, and also coping with any possible problems. For the residents, IFMSA provides accommodation and some small pay. Last year, seven students of our faculty participated on the project.

For the incoming students we provide the placement at the selected hospital department, accommodation, pocket money and – in co-operation with the residents – a choice of cultural programmes.

For our students we try to secure a just distribution of the placements abroad and assist in their choice and organization.

SCORE – COMMITTEE FOR RESEARCH PLACEMENTS

These placements are implemented on a bilateral basis too. Again, we provide a place at a research institute, accommodation, pocket money and cultural programmes for incoming students, and the possibility of participation in research programmes abroad for our students.

In 2006, six of our students travelled abroad and three foreign students were received.

For 2007, eight placements have been planned for the students of the First Faculty of Medicine.

In the past year, the criteria of selection of our students for clinical and research placements have changed. For the test in English language, 100 points can be given as a maximum, while up to 40 additional points may be awarded considering the student's activity in IFMSA. This way we try to motivate new members for active work in our organization.

Further, we attempt to gain more funds for the outgoing students, and from the next year on we – in co-operation with the Faculty – would like to achieve financial support in the

form of a grant by the Ministry of Education, Youth and Sport. We are also preparing a change in the conditions of placements for the incoming students, with the aim of enhancing their quality.

For the coming year we plan to organize a cycle of lectures with photo shows by the students who had been on placements abroad. These lectures should help to motivate more new applicants and to share the experience.

SCOPH – COMMITTEE FOR PUBLIC HEALTH

The main project, which has been in operation for many years, is **First Aid to Schools**. This way we – with students of the First Faculty of Medicine – try to familiarize pupils of basic and secondary schools with theoretical and practical fundamentals of first aid and resuscitation. This project is organized in co-operation with Dr. Václav Vávra from the clinical Department of Anaesthesiology, Resuscitation and Intensive Care of the First Faculty of Medicine and General Teaching Hospital. At a time, we offer our medics with a chance to get more skill in the basics of first aid and get some teaching experience with the secondary school students.

In the past year we visited six secondary schools, presenting the lecture for about 180 students. Then, in co-operation with Dr. Václav Vávra, we organized instruction for the staff of the Paprsek Centre last May.

A more recent project is the **Teddy Bear Hospital**, addressed to children in kindergartens. It tries to help the children get rid of fear of medical examination. The medical students, in turn, can experience communication with pre-school age children. The professional supervisor of the project is Dr. Tomáš Honzík of the Department of Paediatrics and Adolescent Medicine of the First Faculty of Medicine and General Teaching Hospital. During the year we visited eight kindergartens, including two for English-speaking children; altogether, about 320 children were involved in the project.

On 7th June 2006 we – in co-operation with the Lékořice Volunteer Centre – presented the project at the Children's Day at the General Teaching Hospital, where our Teddy Bear Hospital was visited by 250 children.

At the time, about 30 students of the First Faculty of Medicine are engaged in the two projects.

SCORA – AIDS AND OTHER STD PREVENTION COMMITTEE

The focus of the activity in this sphere is now on the organization of the World AIDS Day and the afternoon seminar on AIDS.

On the World AIDS Day project we co-operate with the Union of Czech Medical Students. This event is held on 1st December every year, and the yield is transferred to the Czech AIDS-help Society.

In the past year, a seminar on AIDS was also organized together with the AIDS Centre.

SCOME – COMMITTEE FOR FURTHER EDUCATION OF PHYSICIANS

This committee focuses on presentation of IFMSA activities for students of our faculty, as well as on co-operation with the Faculty and its Academic Senate.

Local president Lucie Ettlerová
lp_lf1@yahoo.com

Co-ordinator for clinical placements Marie Novotná
leo1lf@yahoo.com

Co-ordinator for research placements Petr Houska
lore1lf@gmail.com

Co-ordinator for committee for public health
..... Eva Kopecká
evakopecka@t-email.cz

Co-ordinator for AIDS prevention committee
..... Richard Sabol

Co-ordinator for committee for further education of physicians Zuzana Baková

*Lucie Ettlerová
Local president*



Faust House

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...

FIRST AID FOR PUBLIC

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 schoolchildren, students and 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. In two hours we try to give the participants as much information on providing first aid in such common conditions as the arrest in breathing and heart action, brain stroke, unconsciousness, bleeding and some other situations, as the snake bite, burns, poisonings etc., as possible.

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 mouth-to-mouth rescue breaths and external heart compressions 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, who is also engaged in the field training together with us when time allows.

The *First aid for public* project has been in operation for three years. Since the beginning, we instructed more than 2,000 people. We co-operate with several volunteer organizations and for the BESIP road safety agency we attend open-air music festivals. We have visited secondary schools not only in Prague but also in Most, Děčín, Hradec Králové and Trutnov. Further, we give instructions for the staff in some hotels in Prague. Our new contacts include the Generalli a.s. insurance company and the Faculty of Mathematics and Physics of Charles University in Prague. We also take part in the events organized by the First Faculty of Medicine, such as the 2006 Children's Day in the garden of the Department of Psychiatry.

Among other events we organize is the in-line skating afternoon at the Ladronka circle, where we – after an hour of active sporting – sit down for a chat and apart from refreshments also offer the visitors the chance to practise cardiopulmonary resuscitation on a dummy and answer the questions. In September 2006, the pilot Weekend with First Aid took place in Vrbno u Blatné, where the participants were really happy with the event. Apart from four hours of CPR training, the Weekend with First Aid includes some cultural and sport activities.

Our plans are as follows: Once or twice a month we are going to carry on the two-hour lectures with practical training of emergency first aid at the Academic Club in Faust House. For the spring in 2007, co-operation with the Generalli a.s. insurance company has been secured to organize a day in the ZOO in Dvůr Králové. We also want to repeat the skating event at Ladronka, and in Vrbno u Blatné three more weekends will be organized, including apart from CPR training also evening entertainments, which we have ordered by now.

For us the most interesting goal of the year will be to achieve an accreditation for the course First Aider at Recreation Events.

Besides the instruction for lay public we, as a team, also organize instruction for ourselves. We want to continue this activity intensively, still under the leading of Dr. M. V. Vávra. One hour of your time now can mean many more years for someone else!

*On behalf of First aid for public
MUDr. Michaela Ingrischová*

LIST OF UNITS, BY 31TH DECEMBER 2005



LIST OF UNITS OF THE FIRST FACULTY OF MEDICINE, BY 31TH DECEMBER 2005**SCIENTIFIC / EDUCATIONAL INSTITUTIONS OF THE FACULTY****Institute of Anatomy**

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Institute of Physiology

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Institute of Biophysics and Informatics

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Institute for History of Medicine and Foreign Languages

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 Karlovo nám. 40, 120 00 Praha 2, tel.: 224 963 449, tel. / fax: 224 920 301
 Head: prof. PhDr. Milada Říhová, CSc.
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Institute of Medical Biochemistry

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Institute of Medical Biomodels

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Institute of Biochemistry and Experimental Oncology

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Institute of Histology and Embryology

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Institute of Humanitarian Studies in Medicine

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 E-mail: human@lf1.cuni.cz

Institute of Social Medicine and Public Health

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Institute of Physical Education

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Institute of Nursing Theory and Practice

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Institute of General Medicine

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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: koznia@lf1.cuni.cz, E-mail: kozni@lf1.cuni.cz

Department of Phoniatrics

Žitná 24, 120 00 Praha 2, tel.: 22496 4931, tel. /fax: 22494 3051

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Department of Geriatrics

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Department of Gynaecology and Obstetrics

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1st Surgical Department – Clinical Department of Abdominal, Thoracic Surgery and Traumatology

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2nd Surgical Department – Clinical Department of Cardiovascular Surgery

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Secretariat of the Head of the Institute - tel.: 22496 8472, fax: 22491 3110

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Institute of Nuclear Medicine

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Institute of Sports Medicine

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Department of Orthopaedics

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Joint Institutions with Thomayer Teaching Hospital

Department of Surgery

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Department of Pneumology

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Head: MUDr. Václava Bártů (provisional Head of the De-
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Premise of the First Faculty of Medicine at Na Slupi in Prague

Department of Rheumatology

Na Slupi 4, 128 50 Praha 2, tel.: 22492 0801, 22491 5234,
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Science and Information Institution of the Faculty

Institute of Scientific Information

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3169
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Students at a lecture

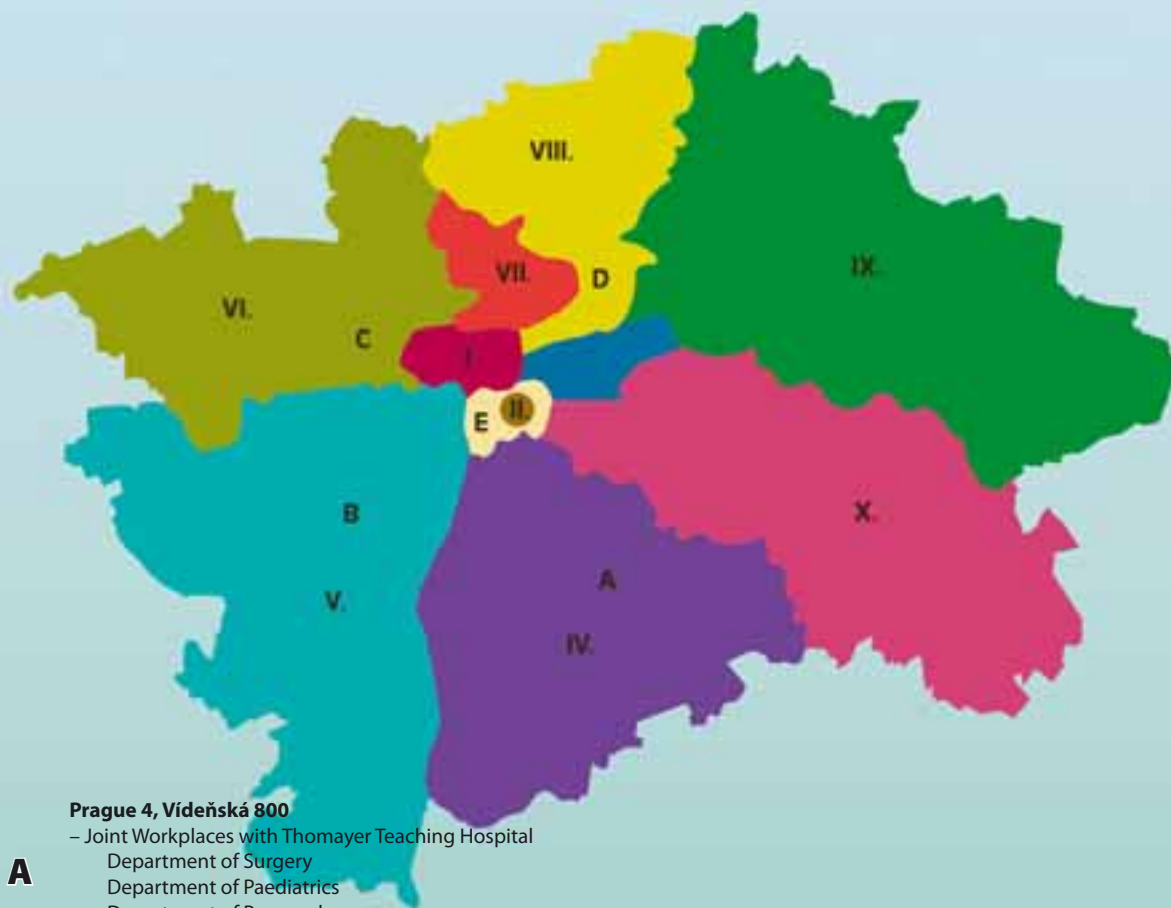


The street U Nemocnice with premises of the First Faculty of Medicine and General Teaching Hospital

THE MAP



JOINT INSTITUTIONS OF THE FIRST FACULTY OF MEDICINE WITH TEACHING HOSPITALS ON THE TERRITORY OF PRAGUE CAPITAL



Prague 4, Vídeňská 800

– Joint Workplaces with Thomayer Teaching Hospital

- Department of Surgery
- Department of Paediatrics
- Department of Pneumology
- Department of Anaesthesiology and Intensive Care

A

Prague 5, V Úvalu 84

– Joint Workplaces with Teaching Hospital Motol

- 3rd Department of Surgery
- Department of Otorhinolaryngology and Head and Neck Surgery
- Department of Orthopaedics

B

Prague 6, U Vojenské nemocnice 1200

– Joint Workplaces with Central Military Hospital Prague

- Department of Neurosurgery
- Medical Department of the Central Military Hospital – Clinical Department of Gastroenterology of the First Faculty of Medicine
- Department of Ophthalmology of the Central Military Hospital – Clinical Department of Ophthalmology of the First Faculty of Medicine

C

Prague 8, Budínova 2

– Joint Workplaces 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

D

Prague 2, Na Slupi 4

Department of Rheumatology

Prague 2, U Nemocnice 1

– Joint Workplace with Institute of Haematology and Blood Transfusion

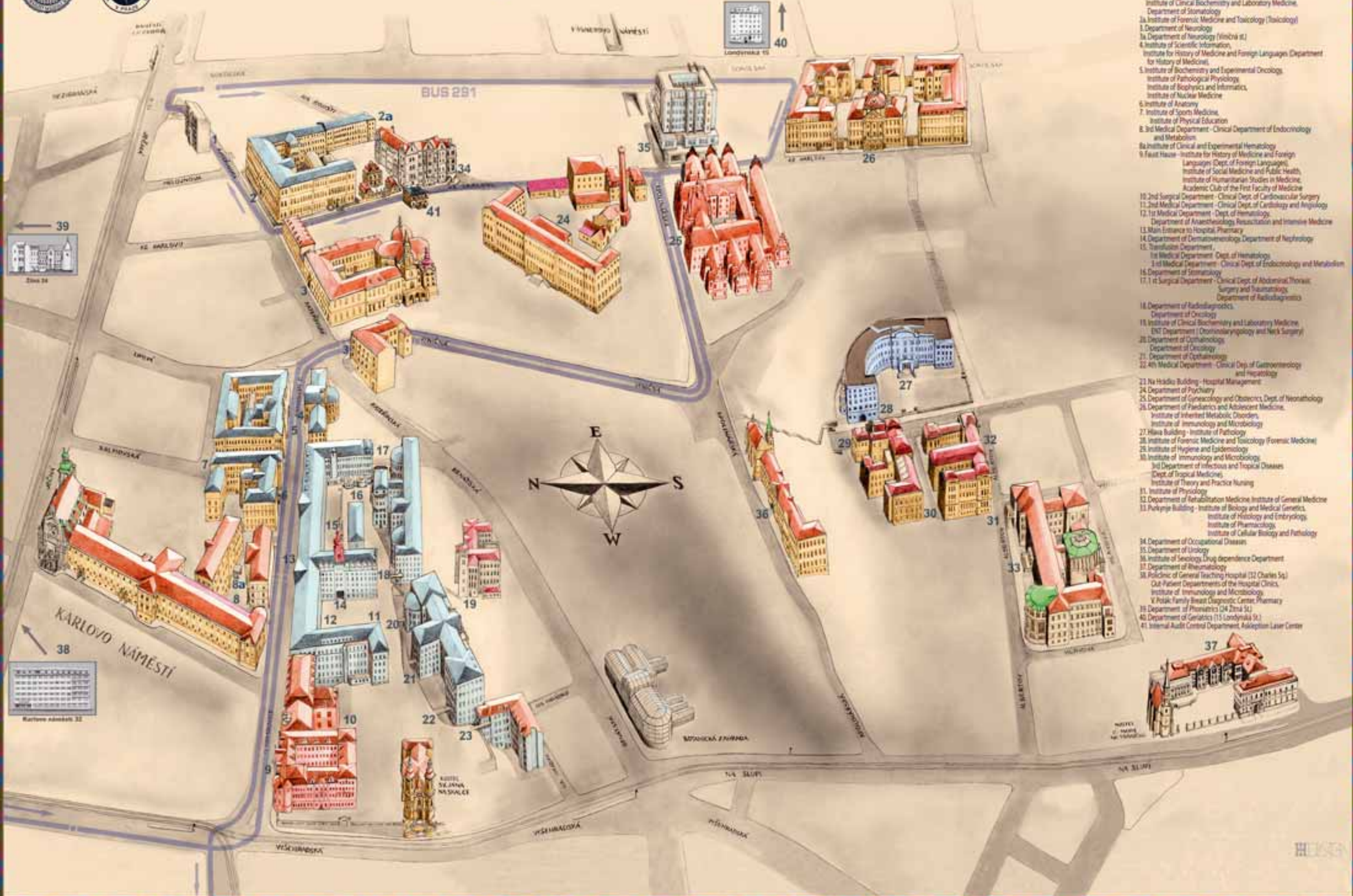
Institute of Clinical and Experimental Haematology

E

Premises of the First Faculty of Medicine and the General Teaching Hospital in the District of Prague 2 (Charles Square and Albertov Area) - Layout



in the District of Prague 2 (Charles Square and Albertov Area) - Layout



1. 1st Department Tuberculosis and Respiratory Disease
2. Dean's Office - Charles University in Prague, First Faculty of Medicine, Institute of Medical Biochemistry, Institute of Clinical Biochemistry and Laboratory Medicine, Department of Stomatology
- 3a. Institute of Forensic Medicine and Toxicology (Toxicology)
3. Department of Neurology
- 3a. Department of Neurology (Vimčná St.)
4. Institute of Scientific Information, Institute for History of Medicine and Foreign Languages (Department for History of Medicine)
5. Institute of Biochemistry and Experimental Oncology, Institute of Pathological Physiology, Institute of Biophysics and Informatics, Institute of Nuclear Medicine
6. Institute of Anatomy
7. Institute of Sports Medicine, Institute of Physical Education
8. 3rd Medical Department - Clinical Department of Endocrinology and Metabolism
- 8a. Institute of Clinical and Experimental Hematology
9. Fast House - Institute for History of Medicine and Foreign Languages (Dept. of Foreign Languages), Institute of Social Medicine and Public Health, Institute of Humanities Studies in Medicine, Academic Club of the First Faculty of Medicine
10. 2nd Surgical Department - Clinical Dept. of Cardiovascular Surgery
11. 2nd Medical Department - Clinical Dept. of Cardiology and Angiology
12. 1st Medical Department - Dept. of Hematology, Department of Anaesthesiology Resuscitation and Intensive Medicine
13. Main Entrance to Hospital, Pharmacy
14. Department of Dermatovenereology, Department of Nephrology
15. Transfusion Department
16. 3rd Medical Department - Dept. of Hematology
17. 1st Medical Department - Clinical Dept. of Endocrinology and Metabolism
18. Department of Radiodiagnosics, Department of Oncology
19. Institute of Clinical Biochemistry and Laboratory Medicine, ENT Department (Otorinolaryngology and Neck Surgery)
20. Department of Ophthalmology, Department of Otolaryngology
21. Department of Ophthalmology
22. 4th Medical Department - Clinical Dept. of Gastroenterology and Hepatology
23. Na Hradce Building - Hospital Management
24. Department of Psychiatry
25. Department of Gynecology and Obstetrics, Dept. of Neonatology
26. Department of Paediatrics and Adolescent Medicine, Institute of Inherited Metabolic Disorders, Institute of Immunology and Microbiology
27. Hlava 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
31. 3rd Department of Infectious and Tropical Diseases, Dept. of Tropical Medicine
32. Institute of Theory and Practice Nursing
33. Institute of Physiology
34. Department of Rehabilitation Medicine, Institute of General Medicine
35. Pukyrka Building - Institute of Biology and Medical Genetics, Institute of Histology and Embryology, Institute of Pharmacology, Institute of Cellular Biology and Pathology
36. Department of Occupational Diseases
37. Department of Urology
38. Institute of Sexology, Drug dependence Department
39. Department of Rheumatology
40. Polyclinic of General Teaching Hospital (32 Charles Sq), Out-Patient Departments of the Hospital Clinics, Institute of Immunology and Microbiology, V. Polak Family Breast Diagnostic Center, Pharmacy
41. Department of Phoniatrics (24 Žitná St.)
42. Department of Geriatrics (15 Londýnská St.)
43. Internal Audit Control Department, Ankleplex Laser Center

2006

