

ANNUAL REPORT  
2007  
CHARLES UNIVERSITY  
IN PRAGUE  
FIRST FACULTY OF MEDICINE



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# REPORT ON THE ACTIVITIES 2007



# 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 2007.

2007 was an eventful year in the life of our Faculty. An important moment for the Faculty was the visit by Václav Klaus, the President of the Czech Republic, and his meeting with the representatives of the academic community of the First Faculty of Medicine of Charles University in the Great Lecture Hall at the Purkinje Building in December 2007.

Towards the end of the year, the election of the Academic Senate of the Faculty took place after another three-year term, and I would like to thank the former members of the Academic Senate for everything they had done for our Faculty, and to wish the best of luck in their activity to those elected.

In November our Faculty organized a meeting of medical faculties of the Czech Republic and Slovakia in Mariánské Lázně, which provided a friendly and open atmosphere to discuss the common problems of medical faculties in the sphere of education – the credit point system, problems connected with grant and research projects, and – last but not least – with the issues of university hospitals. A couple of weeks later we learned about the project of a bill to be submitted in the Parliament, which would convert university hospitals to joint stock ventures. This met a number of remarks in our academic community and beyond, and the de-

bates on the project of the bill will continue and are likely to become the topic of the year in 2008.

I would like to congratulate the General Teaching Hospital, which is the main clinical teaching base of the Faculty, on two important awards. One of them is the prestigious “Czech Top 100” award in the category “Education – Health – Humanity”, and the other is the first place among the teaching hospitals in the 2007 “Hospital of the Year” opinion poll, with more than 17,000 patients choosing the best health care institution in the country.

The economy of the Faculty was successful in 2007, which provided for an increase in wage funds higher than that according to the University wage adjustment and paying out bonuses to the Faculty staff members for their active participation in the progress of the Faculty. We also focused on developing a policy of investment activity concerning the Faculty premises in an intermediate outlook. During the year several sites were reconstructed, such as lecture and seminar rooms, to improve the conditions for students’ training. The economy of the Faculty also enabled to improve the environment at many workplaces. A far-reaching event with an impact on the everyday operation of the Faculty is the reconstruction of the building at 32 Kateřinská, which was started in the summer of 2007 and so far has been proceeding successfully, to the schedule. The first stage of the reconstruction in 2007 involved the Department of Stomatology, parts of the



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

Dean's office and Institute of Medical Biochemistry in the front section of the building, where the Department of Students' Affairs will be housed on the ground floor after the reconstruction. It is obvious that reconstruction of the Faculty premises requires more finance than we can spend, therefore the improvement of the environment of our academic community is done gradually.

Talks and preparations are in progress concerning the Albertov campus project, in which the Faculty is involved together with the Faculty of Mathematics and Physics and the Faculty of Science of Charles University.

The basic aim of the Faculty has been building up its reputation through educational and scientific work, implementing the Faculty's long-term plan approved on by the Academic Senate and Scientific Board of the First Faculty of Medicine.

In the academic year 2006-2007, the credit point system began to be fully applied in tuition; this requires current updating and adjustment based on evaluation of the tuition as well as the experience gained so far. Log-books of practical procedures that the students are expected to perform during their studies were introduced. In 2007 the Study Information System was unified within the University. The number of fields lacking in textbooks decreased, and for some of them the study texts will be issued in the academic year 2007-2008. New facultative subjects are created, as those combining theoretical and clinical medicine (e.g. molecular medicine) or profile subjects (e.g. transplantation medicine), and these activities to enhance the students' skills must be supported. The project of e-learning is expanding successfully, and quite a number of new courses occurred at the education portal of the Faculty. The Mefanet project, originally conceived just by three faculties, has been joined by all Czech and Slovak medical faculties. In the sphere of e-learning the international co-operation has been extending, above all, in the exchange of e-learning courses in English. We appreciate all those who have been taking part in creation of multimedia teaching materials and the unified education portal for all medical faculties in the Czech Republic.

Regular evaluation of tuition in the electronic form by the students continued and the teachers with the best standing were awarded. It was pleasing to learn that a considerable percentage of students really appreciated the quality and professional level of the teachers, the scientific environment of the Faculty, but also the fair and friendly atmosphere.

In connection with the admission procedures and following the consultations with prominent specialists in psychology, a new test was developed in co-operation with the Faculty of Philosophy and Arts of Charles University, which is to check on general abilities and will be part of the admission procedure for the academic year 2008-2009 for the first time.

Preparations are in progress for accreditation of a new study programme of biomedicine, and the follow-up Master degree programmes of addictology and midwifery, which have been submitted for accreditation.

Crucial for the progress of medical branches as well as the updating of tuition is the research and scientific work. The annual comparison of the Faculty's scientific output of the years 2005 and 2006 is really favourable. The number of authors publishing in journals with an impact factor increased from 384 to 555, the number of quotations according to SCI increased from 10,979 to 13,929, and the number of publications in journals with an impact factor climbed from 353 to 415. Also the comparison using the new scientometric parameter, Hirsch index, is rather flattering for the Faculty: in 2006 it reached the level of 45, while the total index for the University is 52 and for the Academy of Sciences 53.

In 2007 again a large number of grant projects of the grant agencies of the Czech Republic, Charles University, Ministry of Health, Fund of Development of Schools of Higher Education and the Academy of Sciences were carried out at the Faculty, as well as a project within the Marie Curie programme, DYNAMIC programme, INTACT programme and others. Five projects were carried out at the Faculty under the National Research Programme II, and the Faculty has carried out (co-operates on) 14 projects within the 6<sup>th</sup> EU Framework Programme, ten projects in the JPD3 programme.

Our research concepts launched in 2005 were evaluated as successful ones and will continue in the next period as well. These are the following:

- (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 tumours of the adult age: Importance for epidemiology, early diagnosis and treatment.

In 2007, another research concept was launched, which had been approved on in 2006. The researcher of the concept Neuropsychiatric aspects of neurodegenerative conditions is Professor Evžen Růžička.

The Faculty staff members involved as co-researchers in some other research concepts are Prof. Aleš Žák, Prof. Michael Aschermann, Prof. Martin Haluzík, Prof. Hana Papežová, Dr. Zuzana Zemanová, and Prof. Ivan Šterzl.

Our Faculty presented its scientific research projects before representatives of medical schools and scientific research institutions in Great Britain at an event organized by the Czech Embassy in London. The Faculty was also presented at a contracting event of the European Commission in Kuala Lumpur. The Czech delegation was organized by the Chamber of Trade. This event was to provide information about scientific partnership for representatives of the academic world as well as industry. Within a "Czech Day", a lecture was given about the main scientific directions of the Faculty.

Within Charles University, our Faculty became one of the members of the BIOCEV project – joint scientific research institutions of the University (particularly the First Faculty of Medicine and the Faculty of Science) and six institutes of the Academy of Sciences of the Czech Republic (Institute of Physiology, Institute of Microbiology, Institute of Experimental Medicine, Institute of Macromolecular Chemistry, Institute of Molecular Genetics, and Institute of Biotechnology).

An agreement of partnership and co-operation was signed between the First Faculty of Medicine of Charles University and Clever Technologies, Ltd. corporation. In December 2007 the outputs of the project were awarded a Special Diploma in the competition for the 2007 Innovation of the Year award, in particular "A multifunctional biometric device for intelligent on-line monitoring of physiologic parameters of human".

On 17<sup>th</sup> December 2007, prizes of the Minister of Health of the Czech Republic were awarded at the Hrzán's Palace. Out of four prizes, two were awarded to the staff members of the First Faculty of Medicine of Charles University. Prof. Milan Elleder won the 2007 Ministry of Health Award for the project "Development of applications of DNA chips for purposes of diagnosis and study of pathogenesis and treatment of hereditary metabolic disorders", implemented at the First Faculty of Medicine. Another prize winner was Assoc. Prof. Marek Trněný, who won the prize for the General Teaching Hospital

project "Stage II of intensive rituximam + MegaCHOP/ESAP/BEAM therapy in patients with aggressive B lymphoma and poor prognosis of incidence, diagnostic features and ways of treatment in patients with non-Hodgkin lymphomas at selected centres in the Czech Republic". In another prize-winning project, "Mitochondrial diseases on the base of inherited disorders of ATP synthesis" by Dr. Josef Houšťek, of the Institute of Physiology of Academy of Sciences of the Czech Republic, the staff of the Department of Paediatric and Adolescent Medicine of the First Faculty of Medicine and General Teaching Hospital participated as well.

The Faculty, aware of the importance of the long-standing co-operation with world's leading scientists, discussed and submitted proposals for the Rector of Charles University to award honorary degrees or medals of the University.

In its session of 26<sup>th</sup> June 2007, the Scientific Board of the First Faculty of Medicine discussed the proposal to award the honorary doctor degrees to Professor Daniel Callahan for his contribution to medical ethics in USA, Europe and other countries as the founder of the scientific field, as well as to solution of problems of care of the elderly, basic aims of health care and ethics of research; to Professor Ian Jacobs for his pioneering work in the field of translation research into malignant tumours of reproductive organs and crucial contribution to early diagnosis and screening of ovarian carcinoma; to Wolfgang Holzgreve for the support and development of basic research in oncogynaecology and his lifelong work in the field of prenatal and ultrasound diagnosis as well as for systematic support of our Faculty in the sphere of international science; to Professor Suad Efendic for his outstanding contribution to the field of secretion of insulin and gastrointestinal hormones in relation to diabetes mellitus; to Professor Herbert Ehringer for his lifelong work and merits in the field of angiology and for promotion of medical education, as well as his attitude towards co-operation with Czech physicians, which contributes to the continuing improvement of Czech-Austrian relations. On 18<sup>th</sup> December the Scientific Board of the First Faculty of Medicine of Charles University approved on the proposal to award Professor Solomon H. Snyder the honorary doctor degree for his lifelong work, connected with the study of molecular biology of the brain, and for his considerable contribution to the progress of neurosciences.

Rector of Charles University, Professor Václav Hampl, honoured Associate Professor Bohuslav Matouš and Professor Jaroslav Šimon with Silver Memorial Medals of Charles University in 2007.

The Scientific Board of the First Faculty of Medicine performed 13 procedures for appointment to professor posts and 19 habilitation procedures. The Faculty managed to gain the accreditations for habilitation procedures and procedures for appointment to professor posts in 16 fields, and therefore the number of specialities for which the Faculty is allowed to propose new Professors and Associate Professors increased.

The Faculty is the editor of two journals, *Folia Biologica* a *Prague Medical Report*, of which the former possesses an impact factor while for the latter the Faculty has applied for JCR monitoring for 2008.

For the development and expansion of the Faculty it is necessary to win students for learning, discoveries and scientific work during undergraduate studies, and even more importantly in postgraduate studies, which have been expanding year by year. In 2007, 912 graduate students were studying at the Faculty in the full-time or combined form, and 63 graduate students managed to defend their theses.

In co-operation with the General Teaching Hospital and the Motol Teaching Hospital, a joint MD-PhD project has been

run, which is to enable the best students to take part in common training not only in the sphere of science but also in specialization in specific fields of medicine.

The Student Scientific Conference at the First Faculty of Medicine was held, for already eight time; 87 presentations were made in total and a book of proceedings was published. The 15 best contributions were awarded and three of them won special prizes. For the second time, the Institute of Nursing Theory and Practice organized another student conference for those studying in non-medical fields in bachelor and master degree programmes.

In 2007 the most extensive student exchange within the Erasmus-Socrates programme ever recorded in the Faculty's history took place; the total number of 160 students were able to travel abroad.

The staff of the First Faculty of Medicine organized nearly 200 professional events, including more than 100 national and international conferences and workshops. Let's list just some of them here: PRAGUECHO, with international participation; the endoscopic workshop "Early neoplasms of the digestive tube – endoscopic diagnosis and therapy"; "The Leica TCS SP5 Confocal Microscope and Leica EM PACT2 High Pressure Freezer Opening Ceremony"; "Rehabilitation of Patients after Traumatic Brain Injury"; the interdisciplinary conference on food intake disturbances, with international participation and under the auspices of Mrs. Dagmar Havlová; 12<sup>th</sup> Professor Stašek Days, another conference with international participation; 9<sup>th</sup> Cardioanaesthetic Scientific Days, with participation from abroad as well; 35<sup>th</sup> Congress of the International Society for Oncodevelopmental Biology and Medicine, under the auspices of the Rector of Charles University and Mayor of the Capital City of Prague.

Many more events were held under the auspices of the Dean of the First Faculty of Medicine: celebrations of 85<sup>th</sup> anniversary of the field of phoniatriy and 50<sup>th</sup> anniversary of the Clinical Department of Phoniatics; 14<sup>th</sup> Days of Intensive Medicine with the 150<sup>th</sup> anniversary of the Medical Rescue Service of the Capital City of Prague and the 1<sup>st</sup> Conference on Pre-hospitalization Emergency Care; 33<sup>rd</sup> congress of European Lymphological Society; the international congress of the European Society for Contraception and Reproductive Health; the international workshop on gynaecologic oncology; 33<sup>rd</sup> Angiological Days with international participation; and many more.

2007 was the year when the Third-age University of the First Faculty of Medicine celebrated its 20<sup>th</sup> anniversary; this important occasion was commemorated at a special session of the University and Faculty managements with the Third-age University tutors and alumni at the grand old Karolinum ceremony hall. Above all we appreciate the Emeritus Head of the Institute of Anatomy of the First Faculty of Medicine, Prof. Radomír Čihák, as the guarantor of the studies, Prof. Vladimír Pacovský, as the founder of the Third-age University at our Faculty, and the other organizers.

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, twenty medals of the First Faculty of Medicine of Charles University were awarded to the following: Prof. Petr Broulík, Prof. Yvone A. Carpentier, Prof. Evžen Čech, Prof. Michael J. Duffy, Prof. Michael Halaška, the J. I. Horbазewski State Medical University of Ternopol, Prof. Jaromír Hradec, Prof. Jonathan S. Duke-Cohan, Prof. Rolf Lamerz, Assoc. Prof. Bohuslav Matouš, Assoc. Prof. Drahomíra Mišková, Prof. Václav Pačes, Prof. Pavel Petrovický, Prof. Eva Rozkovcová, Prof. František Řehák, Prof. Blanka Říhová, Prof. Přemysl Stroj, Dr.



Cathie Sturgon, Assoc. Prof. Miloslav Špunda, Assoc. Prof. Jan Šváb and Assoc. Prof. Jaroslav Zvěřina. Further, 48 Faculty diplomas of honour were awarded: to Dr. Štěpánka Bálková, Assoc. Prof. Josef Bendl, Prof. Jiří Beneš, Václav Beyer, Prof. František Boudík, Prof. Petr Broulík, Dr. Jan Bruthans, Dr. Irena Červená, Prof. Richard Česka, Prof. Jiří Duchoň, Prof. Jana Dušková, Ms. Jaroslava Emmerová, Dr. Norbert Gaier, Mr. Chellapah Gajan, Prof. Robert Gürlich, Assoc. Prof. Eva Havrdová, Dr. Marek Hilšer, Dr. Jiřina Hoffmanová, Dr. Martin Holcát, Prof. Václav Klaus, Dr. Martin Klein, Prof. František Kornalík, Assoc. Prof. Blanka Kozáková, Dr. Aneta Krajčová, Assoc. Prof. Otakar Krejsa, Assoc. Prof. Jaromír Křemen, Prof. Alois Martan, Prof. Pavel Martásek, Assoc. Prof. Bohuslav Matouš, Assoc. Prof. Ivan Matouš-Malbohan, Prof. Eduard Mayer, Mr. Kamal Mezian, Prof. Kyra Michalová, Mr. Haruhito Morishima, Assoc. Prof. Jiří Neuwirth, Dr. Edgar Oganessian, Assoc. Prof. Luboš Petruželka, Assoc. Prof. Radko Petřík, Prof. Helena Rašková, Prof. Přemysl Strejc, Dr. Petr Sucharda, Dr. Štěpán Sulek, Dr. Pavel Šnajdr, Prof. Karel Šonka, Dr. Tomislav Švestka, Prof. Vladimír Tesař, and Prof. Eduard Zvěřina.

In 2007 we all celebrated important jubilees in the lives of the following academic staff members, who had connected their professional careers with the Faculty and contributed to its reputation: Assoc. Prof. Pavel Calda, Assoc. Prof. Ludmila Prokešová, Prof. Miroslav Zeman, Assoc. Prof. Jiří Chomiak, Assoc. Prof. Richard Plavka, Prof. Evžen Růžička, Assoc. Prof. Jiří Votava, Assoc. Prof. Jaroslav Čermák, Prof. Eduard Zvěřina, Assoc. Prof. Jaroslava Dušková, Prof. František Antoš, Assoc. Prof. Karel Šulc, Assoc. Prof. Vladimír Votava, Prof. Eva Rozkocová, Prof. Richard Česka, Prof. Karel Šonka, Assoc. Prof. Zdeňka Kuchynková, Prof. Václav Monhart, Prof. Pavel Klener, Assoc. Prof. Jiří Neuwirth, Dr. Olga Švestková, Prof. Vladimír Tesař, Prof. František Kornalík, Prof. Jiří Beneš, Prof. Alois Martan, Assoc. Prof. Luboš Petruželka, Prof. Michael Halaška, Assoc. Prof. Petr Pohlreich, Mr. Petr Hála, Assoc. Prof. Jarmila Procházková, Assoc. Prof. Jaromír Křemen, Assoc. Prof. Otakar Krejsa, Prof. Jaromír Hradec, Prof. Pavel Chalupa, Prof. Kyra Michalová, Prof. Přemysl Strejc, Assoc. Prof. Bohuslav Matouš, Prof. Pavel Petrovický, Prof. Emil Hledík, Prof. Jana Dušková, Prof. Pavel Martásek, Prof. Štěpán Svačina, Assoc. Prof. Miloš Dvořák, Prof. Blanka Říhová, Assoc. Prof. Zdeněk Susa, Prof. Petr Broulík, Assoc. Prof. Miloslav Špunda, Prof. Ctibor Dostál, Assoc. Prof. Radana Neuwirtová, Prof. Josef Kautzner, Assoc. Prof. Alice Baxová, Assoc. Prof. Eva Růžičková, Assoc. Prof. Jan Šváb, Assoc. Prof. Jaroslav Lindner, Assoc. Prof. Jiří Pašta, Assoc. Prof. Jan Pech, Assoc. Prof. Jaroslav Zvěřina, and Assoc. Prof. Drahomíra Mišeková.

Alas, 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. Václav Janoušek, an outstanding representative of pathological physiology and Emeritus Head of Institute of Pathological Physiology of the First Faculty of Medicine, pioneer of modern methods of teaching; Assoc. Prof. Jaroslav Skála, one of the doyens of psychotherapy in health care and long-standing chairman of the Prague Institute of Psychotherapy, the founder of addictology; Prof. Václav Tošovský, Professor Emeritus, the prominent Czech paediatric surgeon, holder of the honorary title "Knight of Czech Medical Profession" and close co-operator of the Faculty; Prof. Jiří Skřivan, the emeritus Head of the 1<sup>st</sup> Department of Gynaecology and Obstetrics of the First Faculty of Medicine and General Teaching Hospital; Prof. Alexej Novák, the Emeritus Head of the Department of Phoniatics of the First Faculty of Medicine and General Teaching Hospital and outstanding representative of audiology and phoniatics; the tragically deceased Dr. Michal Šperl of

the 3<sup>rd</sup> Medical Department of the First Faculty of Medicine and General Teaching Hospital, and Prof. Vladimír Novotný, the prominent representative of Czech anthropology and sports medicine; Dr. Zdeněk Vokoun, of the 2<sup>nd</sup> Surgical Department of the First Faculty of Medicine and General Teaching Hospital; and Dr. Eva Rozsivalová, of the Institute for History of Medicine and Foreign Languages.

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 sixth volume of the publication. In 2007, 13 personalities accepted the invitation to be seated in that chair and interviewed: Prof. Jan Betka, Prof. Zdeněk Hájek, Prof. Eduard Zvěřina, Prof. Jaroslav Racek, Prof. Antonín Doležal, Mr. Jaroslav Hořejší, Prof. Jiří Vorlíček, Prof. Jan Škrha, Prof. Helena Tlaskalová-Hogenová, Assoc. Prof. Eva Havrdová, Prof. Tomáš Hanuš, Prof. Václav Hořejší, and Dr. Pavel Bém.

Throughout the year, the Faculty actively communicated with the media and presented the achievements of our staff members and students to the public. Together with the General Teaching Hospital we organized regular meetings with journalists on a wide scope of medical specialities and 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 2007 we managed to organize 16 press conferences, which met a rather keen interest in press, radio and television. The topics included Sleep disturbances: aetiology, diagnosis and therapy; The World Day of the Kidney; New surgical methods of therapy for female incontinence; TVT-SECURE; The World Day of TB; Opening the new Centre for Demyelizing Diseases (a centre for treatment of multiple sclerosis) at the First Faculty of Medicine and General Teaching Hospital; The results of the admission procedure at the First Faculty of Medicine; Professional prospects of the graduates; Food intake disturbances; Opening the new catheterizing theatres at the 2<sup>nd</sup> Medical Department – clinic of cardiology and angiology; and many more. The Faculty organized a round table on euthanasia as well, which met a keen interest.

The Faculty also took part in the Week of Science, held by the Academy of Sciences of the Czech Republic, and organized two "academic cafés" at the Academic Club of the First Faculty of Medicine at Faust House. Their topics were "Science – future of medicine" and "Moonlighting molecules: molecular nature of moonlighting, or A new role for old friends".

Together with Dr. Milan Cabrnach, the deputy to the European Parliament, we organized two professional conferences with panel discussions on the topics "Physician, patient and health service systems within the integrated Europe" (with a deputy to the European Parliament, Mr. Jorgo Chatzimarkakis, as a special guest) and "Does the lack of doctor present a menace?" (with Mr. Thomas Mann, the vice-chairman of the EU committee for employment and social policy), which aroused intense interest in professional public and the media.

The Faculty organizes not only scientific and educational but also social events. These included the 119<sup>th</sup> Prom Ball of Czech Medics at Žofín, the Children's Day at the First Faculty of Medicine and General Teaching Hospital with the Union of Czech Medical Students, the Faculty of Education, the Faculty of Theatrical Arts, Prague 2 District Police, the Metropolitan Fire Rescue Brigade and the district authorities of Prague 2 as co-organizers, and many more social meetings at the Faust House and New Town Hall.

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, where "Stabat Mater" by Francis Poulence was performed, and the autumn concert with the oratorio "Elijah" in the church of St. Ignatius of Loyola. Both concerts, which again met a warm response in both the academic community and wide public, took place thanks to the courtesy of the Zentiva joint-stock company.

In 2007, the traditional co-operation with the district authorities of Prague 2 deepened further, and the Faculty became a participant in some events organized by them, such as the grape harvest festival at Havlíčkovy Sady and Náměstí Míru in the autumn.

Our Faculty was a co-organizer of the exhibition "Europe – the cradle of scientific obstetrics" at the European Parliament in Brussels with the lecture "How scientific obstetrics helped to change the world". The Faculty organized quite a number of exhibitions at New Town Hall and the Academic Club in the Faust House.

At the Academic Club we met several times to introduce new publications by authors from our Faculty. Among the new books were *Porodnické operace* (Obstetrical operations), *Obrazový atlas chorobných stavů* (Pictorial atlas of pathologic states), *Gastroenterologie a hepatologie* (Gastroenterology and hepatology), *Speciální psychoterapie* (Special psychotherapy), *Původním povoláním lékaři* (At first a doctor by profession), *Laboratorní diagnostika* (Laboratory diagnostics) and others.

Great attention and support were given by the Faculty to the activities of the Union of Czech Medical Students, activities of IFMSA, and events within the Socrates/Erasmus programme. The Faculty presented itself very well at both domestic and international events such as the Open Days of Charles University and the First Faculty of Medicine, higher education trade fair Gaudeamus, and the international medical trade fair Pragomedica 2007.

We issued information materials about the Faculty in Czech and English versions plus other publications – annual reports, internal regulations of the Faculty, book of proceedings of the Student Scientific Conference, a special pictorial calendar of the Faculty and other publicity materials.

I am convinced that the year 2007 contributed to materialization of our vision of 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 the Faculty



Václav Klaus, President of the Czech Republic, (middle) at the meeting with students and teachers of the First Faculty of Medicine. Left Prof. Václav Hampl, Rector of Charles University; right Prof. Tomáš Zima, Dean of the First Faculty of Medicine.

# ACADEMIC SENATE



## ACADEMIC SENATE

In the past year the Academic Senate met in eleven sessions, on 15<sup>th</sup> January, 12<sup>th</sup> February, 12<sup>th</sup> March, 16<sup>th</sup> April, 14<sup>th</sup> May, 4<sup>th</sup> June, 8<sup>th</sup> October, 5<sup>th</sup> and 19<sup>th</sup> November, and 3<sup>rd</sup> and 17<sup>th</sup> December 2007.

In December the term of the Senate, whose members were elected in 2004, expired. On 4<sup>th</sup> and 5<sup>th</sup> of May a regular election was held, in which 31.2 per cent of the voters entitled took part. For the constituting session, the new elected Senate members met on 17<sup>th</sup> December 2007. In this first session, the election of the chairman and vice-chairman of the Academic Senate was held. For another term, Dr. Marek Hilšer was elected the chairman, and Prof. Přemysl Strejč the vice-

chairman. The Academic Senate established four standing boards. As the chairman of the legislation board, Dr. Martin Klein was elected; Dr. Jan Bříza became the chairman of the economy board, and Assoc. Prof. Eva Havrdová was elected the chairwoman of the study board. As the chairperson of the new board for the affairs of English parallel classes, Miss Suzana Hutt was elected.

In the course of the year, three substitutes were invited to take vacant Senate member positions. They were put in charge to replace those students who ceased to be members of the academic community due to completion of studies.

An important activity throughout 2007 was to discuss and pass new internal regulations. The Senate discussed and passed the new complete text of the Rules of Election and Procedure of the Academic Senate of the First Faculty of Medicine, and also dealt with the Rules for Granting Scholarships at the First Faculty of Medicine and Rules for Organization of Studies at the First Faculty of Medicine. It must be noted that the year 2007 was the period of extra activity in legislation finished, which was to complete the gradual review of all internal regulations of the Faculty. Particular internal regulations had been submitted by the Dean of the Faculty since 2005. Subsequently the complete set of all internal regulations was published in the form of a book.

Apart from its activity in legislation, the Academic Senate discussed the foundation contract of BIOCEV, an interest association of legal entities to promote co-operation between research institutions of the Czech Republic. This was dealt with in a special session of the Senate. Further, the Senate discussed the Faculty's budget for the coming calendar year. Then, the regular procedure to approve on the increase of bursaries for outstanding progress in studies was on the agenda. An intensive discussion arose on the number of new students to be admitted. Most disputed was the policy of the number of students in Bachelor degree programmes. It was noted several times that it would be necessary to develop a coherent strategy for – above all – the further extension of the number of branches in Bachelor degree programmes with respect to the Faculty's teaching capacity.

During this term, members of the Academic Senate participated at the work of the Board for Evaluation of



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

Tuition. For the first time the latter processed the results of the evaluation in electronic form and laid the foundations for the administrative process to handle the results. Members of the Senate were also engaged in the work of the Education Board – the Dean's advisory organ. The student members of the Academic Senate participated in organization of social life at the Faculty through the Union of Czech Medical Students and the Medics' Humanitarian Club.

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 between 2004 and 2007, and to wish an atmosphere of creativity to the Senate that started its mission at the end of 2007. Also, thanks to all members of the academic community who contributed to the successful development of our Faculty.

#### Internal regulations of the Faculty and their changes in 2007

In 2007, the Academic Senate of Charles University approved two new internal regulations of the First Faculty of Medicine:

- (1) on 26<sup>th</sup> January 2007 the Rules for Granting Scholarships at the First Faculty of Medicine, with the effect since the same day;
- (2) on 25<sup>th</sup> May the new Rules of Election and Procedure of the Academic Senate of the First Faculty of Medicine, with the effect since the same day.

Therefore, in 2007 the Faculty acted on the following internal regulations according to the Act No. 111/1998 Coll., on Schools of Higher Education, in its currently valid wording: Statute of the First Faculty of Medicine

Studies and Examination Regulations of the First Faculty of Medicine  
 Rules for Organization of Studies at the First Faculty of Medicine  
 Rules for Granting Scholarships at 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 Admission Procedure Regulations of the First Faculty of Medicine  
 Regulations for Evaluation of Tuition by Students of the First Faculty of Medicine

In the past year, the following two internal regulations, which affected another two internal regulations of our Faculty in terms of their subject matter, were passed and came into effect:

- (1) An internal regulation passed by the Academic Senate of Charles University on 30<sup>th</sup> November 2007, changing the Statute of the First Faculty of Medicine with the effect since the same day.
- (2) An internal regulation passed by the Academic Senate of Charles University on 30<sup>th</sup> November 2007 and coming in the effect on the first day of the academic year 2008-2009, which changed the Rules for Organization of Studies.

*MUDr. Marek Hilšer  
 Chairman of the Academic Senate  
 of the First Faculty of Medicine of Charles University*



Concert in the St. Ignatius of Loyola at Charles Square, organized by the Medics' Humanitarian Club and the First Faculty of Medicine.



119<sup>th</sup> Medic Prom Ball at the Žofín Palace on the Slavic Island.

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,

The early spring of 2008 is the time to look back at the last year, compiling the respective annual report. Let me greet you in my capacity of the Managing Director of the General Teaching Hospital in Prague, which has been the clinical base of the First Faculty of Medicine since 1790. The long years of co-existence of the Hospital and the Faculty have created a considerable concentration of institutions in theoretical, pre-clinical and clinical specialities, which nowadays represents one of the greatest bases of biomedical research in the Czech Republic. Under professional management of the General Teaching Hospital, one institutional research concept is being solved, as well as 101 grant projects (including 50 grant projects with the Hospital principal researcher and 51 as a co-

researcher). On the research activities of the First Faculty of Medicine, more detailed information is given elsewhere in this Annual Report. Extensive possibilities of communication and co-operation between particular institutions of the Hospital and the Faculty entail substantial enrichment of professional scientific activities. In addition, there is co-operation with the other faculties of Charles University and with the Academy of Sciences of the Czech Republic, Institute of Rheumatology, Institute of Haematology and Blood Transfusion, Institute for Mother and Infant Care at Podolí, the Czech Technical University, or industrial companies within the Tandem project by the Ministry of Industry and Trade.

The quality of care and its control represent an important aspect in the activity of the General Teaching Hospital. We are a prominent hospital with top-level teams, providing high quality care. Quite a number of our organization units are certified or accredited within the ISO system. Some of those that passed the re-certification or re-accreditation audit in 2007 had done so even several times before. These are the hospital pharmacy, metrological laboratory, the Faculty's blood transfusion department, drug detection department, and the whole Institute of Clinical Biochemistry and Laboratory Medicine, including the biochemical, serologic, microbiological and molecular genetic laboratories. This is an important starting line for the development of accreditation and certification activities in the system of quality controls for other medical as well as non-medical institutions or units of the General Teaching Hospital.

Another important aspect in the activity of the hospital is the endeavour to solve specific problems, making use of the means of the European Social Fund. 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. These grant projects were both evaluated as very good.

The economic situation of the General Teaching Hospital in Prague saw a substantial improvement in 2007, as the obligation towards the state was discharged, which had dated back to



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



mid-1990s. The favourable present trends in the Hospital's economy demonstrate in the improved environment of many units and in new medical equipment. Undoubtedly, the opening of some rebuilt and refurbished facilities contributed to better patient care as well. At the beginning of 2007, the reconstructed section for production of transfusion preparations was opened at the Faculty's blood transfusion department in Zbraslav, and the new Educative Centre of Urologic Laparoscopy of the First Faculty of Medicine and General Teaching Hospital was put into operation. In April another refurbished facility was opened – the centre for demyelizing diseases of the Department of Neurology of the First Faculty of Medicine and General Teaching Hospital at the Faculty Polyclinic. Further, completely new catheterizing theatres and a heart rate disturbance unit were opened at 2<sup>nd</sup> Medical Department of the First Faculty of Medicine and General Teaching Hospital. At the Department of Gynaecology and Obstetrics, new refurbished premises were opened for the puerperal ward and neonate observation bay with 13 beds. In the second half of the year, some more refurbished premises were opened at the Polyclinic in Charles Square. Among these were the alergological section of the Institute of Immunology and Allergology, outpatient premises of the Department of Stomatology, and the Centre of Primary Care. Adaptation and renovation of the premises also brings some advantages to students and teachers of the First Faculty of Medicine. Together with the management of the Faculty we focused on improving the lecture rooms as well.

Considering, 2007 was a successful year for the General Teaching Hospital as well as for its relations to the First Faculty of Medicine. One of the most rewarding social events was the gala evening, organized in the historic Spanish Hall of the Prague Castle by the Comenius Pan-European Society for Culture, Education and Scientific and Technologic Co-operation, where I was handed in the "**Czech Top 100**" diploma, confirming the ranking of the General Teaching Hospital among the best companies in the Czech Republic within the category

"Education – Health – Humanity" in 2007. In the public opinion pool for the "**Best Czech Hospital of 2007**", our hospital took the first place among teaching hospitals. In the pool, 17 thousand people were given questionnaires to answer 23 questions. In the subsequent Detailed Report the following is said: "In comparison to a hypothetical 'perfect' hospital, the success rate achieved was 80.95 per cent, which ensues the B rating. The General Teaching Hospital in Prague can therefore be appraised as standing well above the average." Towards the end of 2007 we achieved another success. The neonate section at the Department of Gynaecology and Obstetrics was given the certificate of a "**family-friendly company**" by the Network of Maternity Centres. We really appreciate all these awards for the General Teaching Hospital in Prague.

Very pleasing indeed was the fact that communication of our health care teams (both medical and nursing) with patients was given a high credit for their approach, warm reassurance and quality of care provided. For this year we have – again – prepared communication classes for the health care staff of the General Teaching Hospital, which is to enable them to communicate with the patients more clearly and effectively, better identify their needs and learn how to reassure them. These steps, as I assume, are also important for cultivation of the specific environment of the teaching hospital, which provides for clinical training of medical students as well as students of nursing, physiotherapy and other non-medical branches.

Last year a number of negotiations were in progress, which were to solve the problems of health services in Prague. I am glad that we together with the Faculty were able to promote the awareness of the real importance of the General Teaching Hospital and the First Faculty of Medicine for the system of health care in Prague and the Czech Republic. I hope this Annual Report will provide the readers with more than sufficient evidence of their good work and asset to Czech and world medicine, our students and patients.

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



*Opening the new premises of the Department of Neurology of the First Faculty of Medicine and General Teaching Hospital – the Centre for Multiple Sclerosis, lead by Assoc. Prof. Eva Havrdová (between the Managing Director of the Hospital and the Dean of the Faculty).*



*Opening the new operating theatres of the 2<sup>nd</sup> Medical Department – Clinical Department of Cardiology and Angiology, visited by Ms. Lucie Talmanová, the Vice-Chair of the Chamber of Deputies of the Parliament of the Czech Republic (middle, between Prof. Aleš Linhart, the Head of the Department, and Dr. Jan Bříza, the Managing Director of the Hospital).*

# MANAGEMENT



## THE FIRST FACULTY OF MEDICINE – MANAGEMENT

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

### DEAN'S BOARD

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

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First Vice-Dean and Vice-Dean for Education  
prof. MUDr. Tomáš Hanuš, DrSc.  
Vice-Dean for Clinical Education and Postgraduate Studies  
prof. MUDr. Otomar Kittnar, CSc., MBA  
Vice-Dean for Development of the Faculty, International Students and Social Affairs  
prof. MUDr. Jana Dušková, DrSc., MBA  
Vice-Dean for Stomatology and Dentistry  
prof. MUDr. Aleš Linhart, DrSc.  
Vice-Dean for Health Care Study Programmes, International Relations and Representation of the Faculty  
prof. MUDr. Alexi Šedo, DrSc.  
Vice-Dean for Grant Agenda  
prof. MUDr. Aleš Žák, DrSc.  
Vice-Dean for Science, Accreditation and Evaluation

### MEMBERS OF DEAN'S BOARD

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prof. MUDr. Jan Škrha, DrSc., MBA  
prof. MUDr. Karel Smetana, DrSc.  
prof. MUDr. Jan Betka, DrSc.  
prof. MUDr. Jiří Mazánek, DrSc.  
doc. MUDr. Petr Bartůněk, CSc.  
Ing. Eva Soubustová, MBA  
Bc. Marek Hilšer  
MUDr. Jan Bříza, CSc., MBA

### COMPOSITION OF THE ACADEMIC SENATE

**Chairman:** MUDr. Marek Hilšer

**Vice-Chairman:** MUDr. Petr Sucharda, CSc.

#### Teachers' representatives:

prof. MUDr. RNDr. Jiří Beneš, CSc.  
prof. MUDr. Petr Broulík, DrSc.  
prof. MUDr. Richard Češka, CSc.  
MUDr. Norbert Gaier, CSc.  
doc. MUDr. Robert Gürlich, CSc.  
doc. MUDr. Eva Havrdová, CSc.  
MUDr. Martin Holcát, MBA  
doc. MUDr. Jaromír Křemen, CSc.  
doc. MUDr. Ivan Matouš-Malbohan, CSc.  
prof. MUDr. Alois Martan, DrSc.  
doc. MUDr. Bohuslav Matouš, CSc.  
MUDr. Petr Sucharda, CSc.  
prof. MUDr. Přemysl Strejč, DrSc.  
prof. MUDr. Karel Šonka, DrSc.  
as. MUDr. Tomislav Švestka, CSc.

#### Students' representatives:

MUDr. Štěpánka Bálková  
Martin Blaha  
MUDr. Jan Bruthans  
Marie Bubalová  
Bc. Marek Hilšer  
MUDr. Jiřina Hofmannová  
Gajan Chellapah  
Fahd Khan  
Martin Klein  
Aneta Krajcová  
Kamal Mezian  
MUDr. Edgar Oganessian  
MUDr. Irena Sinecká  
Štěpán Sulek  
MUDr. Pavel Šnajdr

### SCIENTIFIC BOARD

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prof. MUDr. Vladimír Beneš, DrSc.  
prof. MUDr. Jan Betka, DrSc.  
doc. MUDr. Jan Daneš, CSc.  
prof. MUDr. Pavel Dungal, DrSc.  
prof. MUDr. Jana Dušková, DrSc., MBA  
prof. MUDr. Jan Dvořáček, DrSc.  
prof. MUDr. Miloš Grim, DrSc.  
doc. MUDr. Petr Hach, CSc.  
prof. MUDr. Zdeněk Hájek, DrSc.  
prof. MUDr. Tomáš Hanuš, DrSc.  
prof. MUDr. Jiří Homolka, DrSc.  
prof. MUDr. Otomar Kittnar, CSc., MBA  
prof. MUDr. Pavel Klener, DrSc.  
prof. MUDr. Jiří Mazánek, DrSc.  
prof. MUDr. Emanuel Nečas, DrSc.  
prof. MUDr. Soňa Nevšimalová, DrSc.  
prof. MUDr. Karel Pavelka, DrSc.  
prof. MUDr. Daniela Pelclová, CSc.  
prof. MUDr. František Perlík, DrSc.  
doc. MUDr. Luboš Petruželka, CSc.  
prof. MUDr. Ctibor Povýšil, DrSc.  
prof. MUDr. Jiří Raboch, DrSc.  
prof. PhDr. Milada Říhová, CSc.  
prof. MUDr. Antonín Sosna, DrSc.  
prof. MUDr. Štěpán Svačina, DrSc., MBA  
prof. MUDr. Stanislav Štípek, DrSc.  
prof. MUDr. Jiří Štork, CSc.  
doc. MUDr. Jan Šváb, CSc.  
prof. MUDr. Vladimír Tesař, DrSc., MBA  
prof. MUDr. Jiří Zeman, DrSc.  
prof. MUDr. Aleš Žák, DrSc.

**EXTERNAL MEMBERS OF THE SCIENTIFIC BOARD**

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prof. MUDr. Evžen Čech, DrSc.  
prof. MUDr. Jiří Duchoň, DrSc.  
prof. Ing. Jan Evangelista Dyr, DrSc.  
doc. MUDr. Vojtěch Hainer, CSc.  
prof. MUDr. Miloš Hájek, DrSc.  
MUDr. Pavel Chrz  
prof. RNDr. Helena Illnerová, DrSc.  
MUDr. Petr Jandl, CSc.  
prof. RNDr. Milan Kodíček, CSc.  
prof. Ing. Svatava Konvičková, CSc.  
RNDr. Jaroslav Kuneš, DrSc.  
MUDr. Antonín Malina, Ph.D., MBA  
RNDr. Šárka Němečková, DrSc.  
prof. Ing. Rudolf Poledne, CSc.

prof. Ing. Miloslav Suchánek, CSc.  
prof. MUDr. Josef Syka, DrSc.  
prof. MUDr. Helena Tlaskalová, DrSc.  
doc. MUDr. Jan Veverka, CSc.

**FOREIGN HONORARY MEMBERS OF THE SCIENTIFIC BOARD**

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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.  
prof. Dr. Gérard Michel London



*"Chair for Faust" with Dr. Pavel Bém, the Mayor of Prague.*



On 13th December 2007, the monograph *Sleep and vigilance disturbances* by Soňa Nevšímalová, Karel Šonka et al. was introduced, and the ceremony won a great attention. The book was published again after 10 years, as a completely upgraded version showing the dynamic progress in the field of sleep medicine. Standing from the left: Dr. Lubomír Houdek, director of the Galén, Ltd. publishing house; Prof. Tomáš Zima, the Dean of the First Faculty of Medicine; Prof. Karel Šonka of the Department of Neurology; and Prof. Soňa Nevšímalová, the Emeritus Head of the Department.



Introducing the book *Special psychotherapy* by Jan Vymětal, which was published at Grada Publishing, a. s. From the left: Prof. Tomáš Zima, the Dean of the First Faculty of Medicine; Mr. Milan Brunát, director of Grada Publishing, a. s.; and Prof. Jan Vymětal, the author.

# ORGANIZATIONAL CHANGES



SJIFRHGU . HGHAD G  
ADKJFG \$LKNG KNA  
ADJNB \$QR Gt wsljff  
EWFJ ŪWmN Ū ūjdf J  
wqugf ipuAW IUR pui  
gpaarhg o wthj o woi ūo  
sw6564g wq6+ weighh  
ADKJFG \$LKNG KNA

SJIFRHGU . HGHAD G  
ADKJFG \$LKNG KNA  
ADJNB \$QR Gt wsljff  
EWFJ ŪWmN Ū ūjdf J  
wqugf ipuAW IUR pui  
gpaarhg o wthj o woi ūo  
sw6564g wq6+ weighh  
ADKJFG \$LKNG KNA

## ORGANIZATIONAL CHANGES AND COMPOSITION OF THE STAFF

In the course of 2007 there were some changes in the management of particular institutes and clinical departments (as shown in the chart).

The development of the number of academic staff (actual total number and number converted to full-time positions) in the past two years is documented in the chart and diagrams. These show, above all, an increase in the number of young staff members, taking lecturer and assistant positions. Also the number of the scientific staff is growing, who are mainly employed on the basis of institutional research concepts and scientific grant projects.

Therefore, the favourable trend in the development in the age structure of the staff, following from the above changes in the numbers of specific position in the hierarchy of the academic staff, continued in 2007; the number of young employees (up to 29 years of age) keeps increasing while on the other hand the number of employees aged over 50, and even more pronouncedly over 60, is decreasing.

In 2007, the long-planned complete reconstruction of the building at 32 Kateřinská and 3 Na Bojišti was eventually started, and the preparations for the renovation at 4 U Nemocnice were completed so that the reconstruction itself could be started in 2008. At a time, the work on preparing the documentation for reconstruction of other buildings

of the Faculty between 2008 and 2012 continued, although it is obvious that – considering the current capital policy of the Ministry of Education – these plans will be considerably delayed in implementation. Therefore the focus of the Faculty was above all on preparation and materialization of partial adaptation and reconstruction at particular Faculty premises.

Throughout the year 2007, intensive negotiations about the prospective construction of the Albertov campus were in progress, which had been conceived originally as a joint project of four faculties of Charles University: the First Faculty of Medicine, Faculty of Science, Faculty of Mathematics and Physics, and Faculty of Humanitarian Studies but later, after the withdrawal of the latter from the project, as a project of just the three former. In the progress of negotiations the project had gained a specific shape, derived from the needs of development of the three faculties, particularly the development of their scientific potential as well as their teaching capacities, and necessarily based on their general agreement, which resulted from a series of consultations at various levels of management of these faculties. By the end of the year, the competition was advertised for a load study, which is to appraise the real construction potential of the area at Albertov.

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

Organization units where new Heads or Managers were appointed in 2007

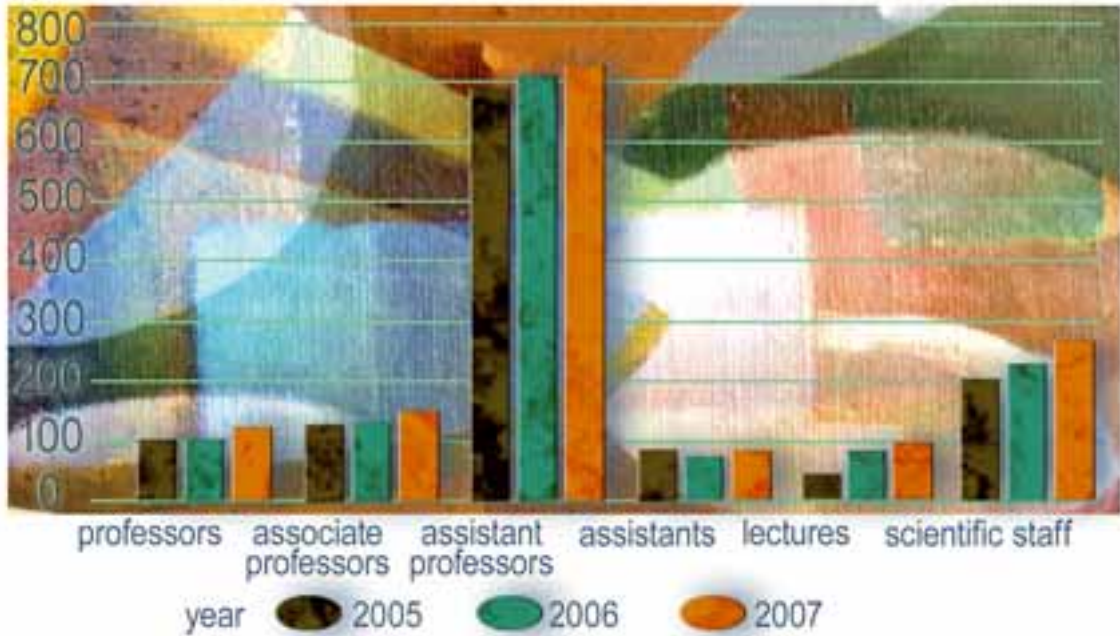
Unit	New head/manager
Centre of Experimental Biomodels	Mr. Viktor Sýkora, since 1 Jan 2007
Department of Paediatrics & Adolescent Medicine	Prof. Jiří Zeman, since 1 Feb 2007
Department of Anaesthesiology, Resuscitation and Intensive Care	Assoc. Prof. Martin Střiteský, since 1 Apr 2007
Surgical Department at Thomayer Teaching Hospital	Assoc. Prof. Vladimír Visokai, since 1 June 2007
Institute of Biochemistry & Experimental Oncology	Prof. Aleksi Šedo, since 1 Oct 2007

Diagrams showing the development of the number scientific and educational staff between 2005 and 2007

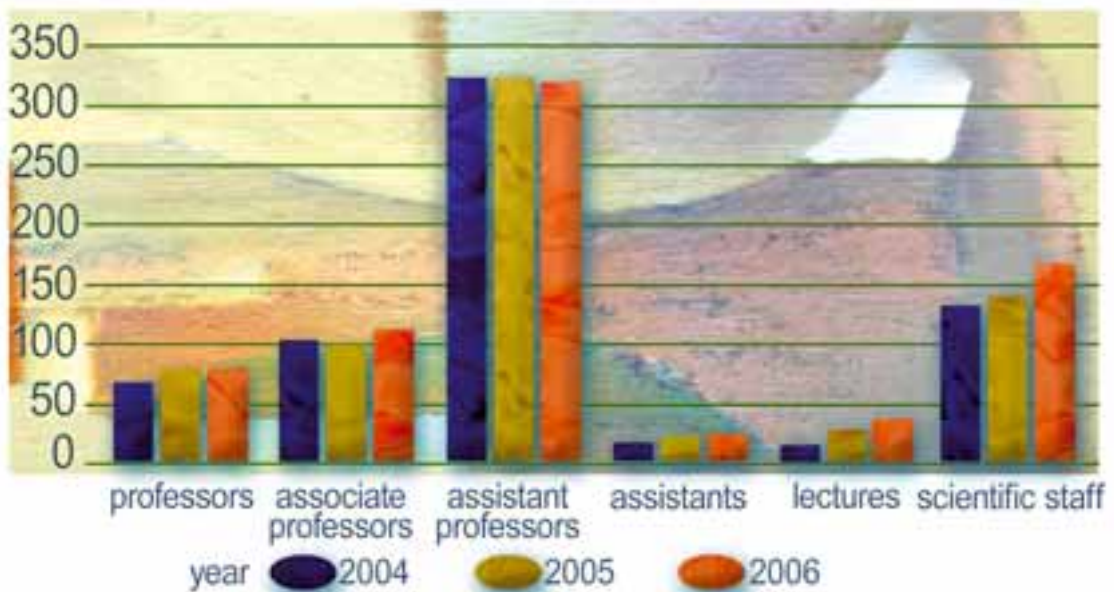
	2005		2006		2007	
	actual number of employees	average converted full-time positions	actual number of employees	average converted full-time positions	actual number of employees	average converted full-time positions
total	1270	636.624	1355	678.287	1451	715.005
professors	100	70.394	100	78.912	113	79.148
associate professors	139	99.612	143	98.294	152	101.656
assistant professors	697	321.585	715	320.656	740	315.437
assistants	78	14.366	71	24.145	73	23.738
lecturers	48	3.986	82	23.756	93	29.515
scientific staff	208	126.681	238	132.524	280	165.511



Composition of scientific/educational staff-actual numbers

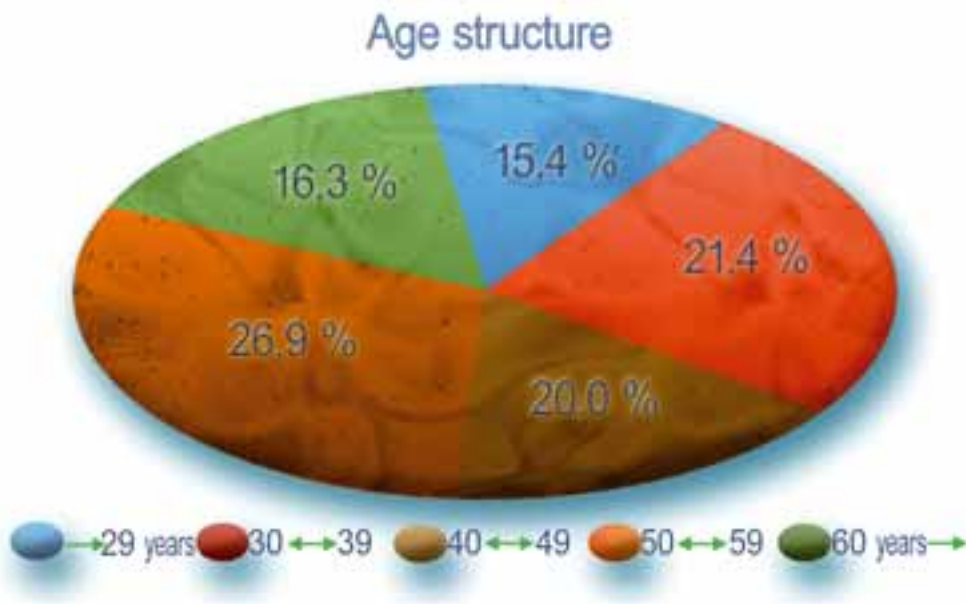


Composition of scientific/educational staff-average converted



Survey of the age structure of the staff in 2007

Age	Percentage
up to 29 years	15.41
30–39 years	21.42
40–49 years	19.95
50–59 years	26.94
60 years and over	16.28



# EDUCATION



## EDUCATION

### BRIEF SURVEY OF TUITION

#### Branches of studies in brief

In 2007, the scope of education provided at the First Faculty of Medicine widened once again. Apart from the programmes of general medicine and dentistry, and Bachelor degree programmes 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, two new programmes –

general nursing and nutritional therapy – were added in the full-time form of studies, and another two – addictology and general nursing – in the combined form of studies.

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 Czech language course so that they will be able to communicate with the patients in the later years of studies.

The Faculty offers the possibility of taking preparatory classes for the entrance procedures in those subjects that are tested at the entrance exams.

The First Faculty of Medicine also assists some other faculties in education of their students, providing coherent training in the form of courses in the relevant special subjects related to health sciences. Apart from that, some teachers from the Faculty are directly engaged in tuition in programmes of other faculties.

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.

#### Entrance procedures

New students were admitted according to the scores of written tests in physics, chemistry and biology, which was a system that had proved reliable in many years. Prior to the entrance exam, the whole set of test questions had been published. Using the method of random choice by a computer, tests at the presumed level of difficulty were made up out of this set of several thousands of questions immediately before the examination, and these tests were done by the applicants in one day. The scoring and compiling the list stating the sequence of applicants according to the scores were done by a computer and the standings were announced on the internet on the following day. For the next entrance procedure, also the



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

fourth test was prepared, which is to check the general studying ability.

#### Education in general medicine

The six-year course in general medicine is divided into seven sections. In the first three years the tuition is implemented according to semester schedules, including lectures, practicals, seminars, dissections and pre-clinical placements. In the following three-year clinical part of the studies the tuition is organized in the "block system", where each training block, lasting for one or more weeks, comprises one subject and is followed by a review of study progress (examination or credits) according to the approved accreditation. In the academic year 2007-2008, the transformation of tuition according to the new Rules for organization of studies at the First Faculty of Medicine of 2006 was completed. The credit point system was introduced entirely. Five per cent of the credit points during the course of studies must be obtained by the students by passing elective subjects, which in 2007 were offered by the Faculty in the considerable number of 180. To the proposal by students, the examination in internal medicine was introduced, which is placed before the last year of the studies in the recommended curriculum.

In evaluation of tuition, students take part as well. For this purpose, special software is available at the Faculty website.

#### Education in dentistry and stomatology

2007 was already the third year of instruction in dentistry according to the new curriculum, which puts special stress on training the students in manikin laboratories, and at a time requires adjustment of the syllabi of both theoretical and pre-clinical subjects to provide the students with appropriate knowledge and skills for real patient care.

The fourth year of studies in dentistry in 2007 was arranged in the "block system" of placements, which provide the student with a concise view of the other medical specialties, important not only in the medical aspect but also for their correlations with diseases of the orofacial area. Also the numbers of particular practical procedures in dental care were defined, which the student has to fulfil before taking the State Examination in the respective stomatological subject. In the fifth and sixth year of studies in the programme of stomatology, the tuition of particular stomatological sub-disciplines continued.

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



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

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.

#### Education in non-medical health care fields

In the academic year of 2006-2007, as many as 657 students were studying at the First Faculty of Medicine of Charles University in non-medical programmes. This number includes 552 students in Bachelor degree programmes and 105 students in follow-up Master degree programmes. In the same year, the total number of 121 students in Bachelor degree programmes and 60 students in follow-up Master degree programmes graduated.

In 2006 the accreditation procedures for the programme in Intensive Care were passed, and the studies of this field were commenced at the Faculty in the academic year 2007-2008, at the level of a Master degree programme.

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 2007 the students of non-medical programmes again held their own students' professional scientific conference.

#### **Educational portal and electronic support of tuition**

Teachers and students use the still increasing scope of possibilities of transmitting study resources via the Faculty's electronic web. The educational portal of the First Faculty of Medicine of Charles University is an official platform for publication of references to electronic educational media, lectures, multimedia learning materials and other electronic educational documents to support both full-time and combined studies of medical as well as non-medical health care fields at the Faculty. The contents are divided into freely accessible matter and that reserved for students of the First Faculty of Medicine. Users of the educational portal visited its pages (at <http://portal.lf1.cuni.cz>) 286,968 times during the year 2007. The electronic educational materials on the server were 400

in number, including 62 lectures with the sound recorded, 320 abstracts of lectures, 12 special e-learning courses, and other categorized educational documents. The most frequently read document of the educational portal of the First Faculty of Medicine was the lecture "Neurological examination – normal" by the clinical Department of Neurology. The most sought field was anatomy. The most pages were seen by the users in October, the fewest in February 2007.

In 2007 an innovated version of the portal was put in operation, which is compatible with the inter-faculty portal and the MEFANET (Medical Faculties – educational NETWORK) web. On 20<sup>th</sup> June 2007 this educational web got started on the initiative by the First Faculty of Medicine of Charles University and the Medical Faculty of Masaryk University in Brno. Nowadays all medical faculties in the Czech Republic and Slovak Republic are involved in the project. Our Faculty played a prominent role in the 1<sup>st</sup> MEFANET conference in Brno on 21<sup>st</sup> and 22<sup>nd</sup> November.

Further, a number of informative events were organized for the public, such as the Faculty and University open days, GAUDEAMUS fair, etc.

In 2007 the Faculty gave the opinion on recognition of higher education according to international agreements in 76 cases.

#### **Postgraduate medical education**

Again, like in many past years, postgraduate courses were provided (12 in number) under the administration of the Department for Further Education of Medical Doctors of the First Faculty of Medicine, as well as 73 seminars at the institutes and clinical departments. The total number of the physicians who participated was 2,248. Some of them, in accordance with the Professional Regulation Nr 16 of the Czech



Assoc. Prof. MUDr. Petr Bartůněk, CSc.  
Member of the Dean's Board in charge of Bachelor degree programmes.

## Students – Czech nationals

branch	1st year	2nd year	3rd year	4th year	5th year	6th year	total
medicine	496	287	232	208	244	148	<b>1,615</b>
dentistry and stomatology	58	50	62	26	24	39	<b>259</b>
nursing – full-time	30	23	20				<b>73</b>
nursing – combined	0	42	32	18			<b>92</b>
addictology	43	25					<b>68</b>
occupational therapy	28	25	39				<b>92</b>
physiotherapy	39	29	42				<b>110</b>
medical technology	20	21	15				<b>56</b>
Master – health teaching		58					<b>58</b>
Master – med. technology & informatics	23	23					<b>46</b>
<b>total</b>	<b>737</b>	<b>583</b>	<b>442</b>	<b>252</b>	<b>268</b>	<b>187</b>	<b>2,469</b>

## International students (paying students)

branch	1st year	2nd year	3rd year	4th year	5th year	6th year	total
medicine	186	106	97	89	66	162	<b>706</b>
( + paying students)	121	86	51	32	14	27	<b>331</b>
dentistry and stomatology	13	3	3	11	3	2	<b>35</b>
( + paying students)	18	17	10			1	<b>46</b>
addictology							
occupational therapy	4	2					<b>6</b>
physiotherapy	17	9					<b>26</b>
nursing – full-time	2						<b>2</b>
nursing – combined			5	10			<b>15</b>
medical technology	8	1	3				<b>12</b>
Master – health teaching		1					<b>1</b>
Master – techn. & informatics							
<b>total</b>	<b>230</b>	<b>122</b>	<b>108</b>	<b>110</b>	<b>69</b>	<b>164</b>	<b>803</b>
<b>(+ total of paying students)</b>	<b>139</b>	<b>103</b>	<b>61</b>	<b>32</b>	<b>14</b>	<b>28</b>	<b>377</b>

## Number of students enrolled for the first year of studies

branch	CZ	foreigners
medicine	272	143
dentistry	42	10
nursing – full-time	20	2
nursing – combined		
addictology	33	
occupational therapy	16	4
physiotherapy	20	16
medical technology	11	7
Master – intensive care nursing	36	1
Master – med. technology & informatics	19	
<b>total</b>	<b>469</b>	<b>183</b>

## Number of students in Bachelor and follow-up Master degree programmes in the academic year 2004–2005

Bachelor programmes	Number of students
Nursing – full-time	75
Nursing – combined	107
Occupational therapy	98
Physiotherapy (in Prague)	85
Physiotherapy (in Mariánské Lázně)	51
Medical technology	68
Addictology	68
<b>Bachelor programmes – total</b>	<b>552</b>
<b>Follow-up Master programmes</b>	
Medical technology and informatics	46
Health teaching for secondary schools	59
<b>Master programmes – total</b>	<b>105</b>
<b>Non-medical programmes – total</b>	<b>657</b>

Number of students (by 31<sup>st</sup> October of the respective year)

Number of students: Czech/international (incl. paying students)	1993	1994	1995	1996	1997	1998	1999
medicine	1907/314 (36)	1930/151 (54)	1739/187 (64)	1672/192 (101)	1829/260 (145)	1702/334 (175)	1669/395 (165)
stomatology / dentistry	168/9	151/13 (8)	132/17 (11)	168/20 (14)	260 (15)	217/32 (19)	239/42 (18)
nursing full-time	49/2	70/1	75	76	72	77	80
nursing combined	25	55	64	81	87	92/2	92/3
addictology	-	-	-	-	-	-	-
occupational therapy	-	21	35/2	47/3	56/2	83/3	110/3
physiotherapy	-	-	-	-	-	-	-
medical technology	-	15	22	38/1	49/1	64/1	67
Master – health teaching	-	-	-	-	-	-	-
Master – technology & informatics	-	-	-	-	-	-	-

Number of students: Czech/international (incl. paying students)	2000	2001	2002	2003	2004	2005	2006	2007
medicine	1448/575 (171)	1579/713 (188)	1395/939 (201)	136 2/711 (215)	1567/586 (228)	1558/916 (242)	1479/1016 (267)	1615/1037 (331)
stomatology / dentistry	246/52 (16)	257/48 (15)	239/66 (17)	289/49 (14)	264/32 (16)	243/43 (11)	192/106 (29)	259/81 (46)
nursing – full-time	74/1	77/1	67/2	62/6	63/3	66/2	65	73/2
nursing – combined	101/6	111/7	120/7	127/18	124/4	109/21	125/23	92/15
addictology	-	-	-	-	-	-	37/1	68/0
occupational therapy	130/1	83/1	81/11	91/8	89/3	91/3	87/5	92/6
physiotherapy	-	48/2	48/3	56/6	52/17	77/6	114/17	110/26
medical technology	55/1	61/3	50/4	61/11	57/5	61/3	60/7	56/12
Master – health teaching	-	-	25	59/1	64	69	92/1	58/1
Master – technology & informatics	-	-	21	38/0	38/1	40/1	28/1	46/0

Graduates in Bachelor degree programmes in 2006–2007

Field	Number of graduates
Nursing – full-time	18
Nursing – combined	28
Occupational therapy	20
Physiotherapy	40
Medical technology	15
<b>Total</b>	<b>121</b>

Medical Chamber, obtained a certificate, some of them credit points depending on the number of lessons attended.

Apart from the above events, 56 seminars were organized by pharmaceutical companies, with 3,597 physicians attending. The total number of participants at all the above educational events was 5,064 physicians.

### Third-age University of the First Faculty of Medicine

The academic year 2006-2007 was already the twenty-first for the tuition at the third-age university. The course of studies is arranged in two years (4 semesters), with a stable programme of lectures. In this case education is not the goal but rather a means of mental activation of an elderly person, providing an alternative life programme at the retirement age. The basic two-year course deals with the theoretical basis of medicine, adding some interesting aspects, novelties, information on prevention as well as the history of medicine. The Faculty is represented in the national Third-

Graduates in the follow-up Master degree programmes in 2006–2007

Field	Number of graduates
Medical technology and informatics	12
Health teaching for secondary schools	48
<b>Total</b>	<b>60</b>

age University Association, which is a member of the international association.

Tuition for the third-age university at the Faculty was provided for 1<sup>st</sup> and 2<sup>nd</sup> 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 2<sup>nd</sup> 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 2007, 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 2007, projection equipment for the third-age university lecture hall was purchased as well as computer hardware, including a scanner to prepare programmes for the lectures at the third-age university.

The Club of Third-age University Alumni at the First Faculty of Medicine assembled to attend lectures in the lec-



ture hall of the former 2<sup>nd</sup> Institute of Pathology 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 13 lectures was organized, including 6 lectures on biomechanics of the heart by Prof. Kittnar and 7 lectures on genetics by the staff of the Institute of Biology and Medical Genetics.

#### 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 1<sup>st</sup> to 3<sup>rd</sup> years of the programme of Special Pedagogy, 340 lessons are taught by our teachers (Institute of Physiology, Institute of Foreign Languages, Department of Rehabilitation Medicine, Department of Phoniatrics, Department of Neurology).  
The Faculty of Education provides tuition for the First Faculty of Medicine 1<sup>st</sup> to 3<sup>rd</sup> 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 5<sup>th</sup> year full-time students and 4<sup>th</sup> to 6<sup>th</sup> year external students in the programme of Patient Care. The following are engaged in the teaching: Institute of Nursing Theory and Practice, 3<sup>rd</sup> Medical Department – Clinical Department of Endocrinology and Metabolism, 2<sup>nd</sup> 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 2<sup>nd</sup> Faculty of Medicine, and takes part in examining at Rigorous State Examinations.

- **Faculty of Science, Charles University in Prague**  
The Institute of Forensic Medicine and Toxicology teaches the subject Analytic Toxicology for the Bachelor degree programme Clinical and Toxicological Analysis. Histology is taught for one term for the programme of Parasitology.  
The Faculty of Science teaches the subject Parasitology for Foreign Students at 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.

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., MBA  
Vice-Dean for Stomatology and Dentistry*

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

## GRADUATES FROM CHARLES UNIVERSITY – THE FIRST FACULTY OF MEDICINE IN 2007

### On 17<sup>th</sup> April 2007 at 10.30 a.m.

- In the Master degree programme of general medicine, the following completed their studies:
  - Dominika Barátová, born in Trnava
  - Silvia Bendišová, born in Ružomberok
  - Alena Benešová, née Hrstková, born in Náchod
  - Hana Burešová, née Sedláková, born in Příbram
  - Michaela Bursíková, born in Benešov
  - Pavína Dünkerová, née Chitzáková, born in Kutná Hora
  - Tomáš Grunda, born in Brno
  - Karolína Hlavová, born in Prague
  - Markéta Hrubá, born in Prague
  - Mária Hybelová, born in Svidník
  - Zuzana Kavková, born in Košice
  - Katarína Kolesárová, born in Levoča
  - Viera Krausová, born in Krompachy
  - Monika Krůtová, born in Rakovník
  - Ján Latta, born in Snina
  - Jana Mrázová, born in Česká Lípa
  - Ivana Patránková, born in Vrchlabí
  - Václav Pavliňák, born in Zlín
  - Mgr. Pavol Privitzer, born in Ružomberok
  - Lýdie Prudká, born in Ústí nad Labem
  - Lucie Růžičková, born in Prague
  - Jana Vávrová, born in Turnov
  - Lucie Vosmíková, born in Hradec Králové
  - Svjetlana Žehak, born in Sarajevo, B&H

### On 17<sup>th</sup> April 2007 at 12.00 (noon)

- In the Master degree programme of general medicine, the following completed their studies:
  - Ivana Kajzrlíková, born in Vysoké Mýto
  - Petr Kovářiček, born in Prague
  - Kateřina Malá, born in Frýdlant v Čechách
  - MUDr. Helena Máslová, nee Nováková, born in Roudnice nad Labem
  - Rudolf Mikoviny, born in Ružomberok
  - Lenka Pokorná, nee Škrovánková, born in Bratislava
  - Pavel Sázaravský, born in Pardubice
  - Filip Shon, born in Prague
  - Marek Soska, born in Rožňava
  - Jana Struckelová, born in Košice
  - Blanka Šefrová, born in Jablonec nad Nisou
  - Petra Velechovská, born in Prague
  - Vladimír Velický, born in Revúca
  - Markéta Zajíčková, born in Opava
  - Jan Zmrhal, born in Prague
- In the Master degree programme of general medicine, the following completed their studies in English language:
  - Charles Fatoma, born in Njala Komboya, Sierra Leone
  - Charis Mavrokordatos, born in Melbourne, Australia
  - Jakob Rehtman, born in Glebovo-Izbishche, Russia

### On 27<sup>th</sup> July 2007 at 9.00 a.m.

- In the Master degree programme of stomatology, the following completed their studies:
  - Eva Bardoňová, born in Prague
  - Martin Blaha, born in Žilina
  - Jan Čechák, born in Prague
  - Jana Dlasková, born in Kutná Hora
  - Veronika Doksanská, born in Kladno

Andrea Doneva, née Ténaiová, born in Michalovce  
 Sylva Dytřtová, born in Ústí nad Orlicí  
 Jana Fendrychová, born in Prague  
 Rana Gharaibehová, born in Turnov  
 Tereza Gorgoňová, born in Benešov  
 Radek Hippmann, born in Pelhřimov  
 Eliška Hofreiterová, born in Prague  
 Markéta Holubová, born in Prague  
 Martina Hrušková, born in Vrchlabí  
 Karel Chleborád, born in Kyjov  
 Jan Jeřábek, born in Prague  
 MUDr. Petr Kocum, born in Klatovy  
 Lucie Koleňáková, born in Rakovník  
 Klára Marková, born in Ústí nad Orlicí  
 Lucie Matysková, born in Prague  
 Martin Mejstřík, born in Liberec  
 MUDr. Petr Pumpr, born in Opočno  
 Renáta Rehová, born in Košice  
 MUDr. Tomáš Růžička, born in Prague  
 Tereza Semeráková, born in Náchod  
 Jaroslav Stankovič, born in Poprad  
 Jan Svoboda, born in Prague  
 Miroslav Šafařík, born in Jindřichův Hradec  
 Jana Šustrová, born in Ústí nad Labem  
 Tereza Teplá, born in Frýdek-Místek  
 Jana Vašáková, born in Prague  
 Petr Vinš, born in Teplice  
 Jana Vosátková, born in Prague  
 Růžena Votřelová, born in Litomyšl

### On 27<sup>th</sup> July 2007 at 10.30 a.m.

- In the Master degree programme of general medicine, the following completed her studies with honours:
  - Zuzana Cakociová, born in Košice
- Further, the following completed their studies in the Master degree programme of general medicine:
  - Eliška Bartošová, born in Mladá Boleslav
  - Bohuš Bunganič, born in Prešov
  - Jana Drapecká, née Pavlačzková, born in Skalica
  - Marek Dvorský, born in Split
  - Eva Horová, born in Prague
  - Denisa Husličková, born in Nové Zámky
  - Lucie Chladníčková, born in Přílepy
  - Hana Jedličková, born in Prague
  - Ilona Kazdová, born in Varnsdorf
  - Roman Kocián, born in Vítkovice
  - Katarína Lazaráková, born in Poprad
  - Barbora Mihoková, born in Poprad
  - Martina Michálková, born in Písek
  - Pavla Nováková, born in Prague
  - Lýdia Orlická, born in Prešov
  - Michal Orlický, born in Prešov
  - Ilona Příbylová, born in Česká Lípa
  - Pavla Ptáčková, born in Přerov
  - Ondřej Schwarz, born in Hranice na Moravě
  - Jana Slabá, born in Ústí nad Orlicí
  - Martina Slobodová, born in Bratislava
  - Daniela Strmanská, born in Poprad
  - Otakar Štanc, born in Prague
  - Eva Zikánová, born in Prague
- In the Master degree programme of stomatology, the following completed their studies:
  - Wael Kassab, born in Prague
  - Eva Lippertová, born in Prague

**On 27<sup>th</sup> July 2007 at 12.00 (noon)**

- In the Master degree programme of general medicine, the following completed their studies:
  - Erika Čermáková, born in Jeseník
  - Martin Černý, born in Prague
  - Ing. Magdaléna Fořtová, born in Prague
  - Juraj Gáll, born in Prešov
  - Michal Haninec, born in Prague
  - Martin Klein, born in Ostrava
  - Katarína Kuzmiaková, born in Prešov
  - Bohumil Majtan, born in Trenčín
  - Alena Malkovská, born in Aš
  - Vincent Retselisitsoe Matalasi, born in Maseru, Lesotho
  - Jana Miháliková, born in Žilina
  - Ľubomíra Millá, born in Košice
  - Jana Navolokina, born in Belgorod, Russia
  - Hana Pospíšilová, born in Prague
  - Leona Rampulková, born in České Budějovice
  - Pavel Říha, born in Zlín
  - Jan Semrád, born in Havlíčkův Brod
  - Pavol Šúst, born in Trnava
  - Lenka Vilčeková, born in Spišská Nová Ves
- In the Master degree programme of general medicine, the following completed their studies in English language:
  - Georgios Charalambous, born in Nicosia, Cyprus
  - Fahd Khan, born in Luton, Great Britain
  - Christos Koukos, born in Edessa, Greece
  - Georgios Mikellides, born in Larnaca, Cyprus
  - Clare Caroline Morden, born in Chelmsford, Great Britain
  - Theresa Nwankwo Chinweoke, born in Enugu, Nigeria
  - Parishkrit Pandey, born in Hartlepool, Great Britain
  - Suzanne Vedutla Tarunya, born in Wakefield, Great Britain
  - George Themistocleous, born in Larnaca, Cyprus

**On 27<sup>th</sup> July 2007 at 1.30 p.m.**

- In the Master degree programme of general medicine, the following completed her studies with honours:
  - Jaroslav Haman, born in Polička
  - Igor Slobodník, born in Banská Bystrica
  - Marek Štefan, born in Litoměřice
- Further, the following completed their studies in the Master degree programme of general medicine:
  - Petra Bačová, born in Ústí nad Orlicí
  - Pavla Bradáčová, born in Nové Město na Moravě
  - Viktor Čapek, born in Most
  - Magdaléna Čápková, born in Prague
  - Linda Čechová, born in Bratislava
  - Jitka Dienstbierová, born in Prague
  - Michal Droppa, born in Zvolen
  - Ludmila Fiedlerová, born in Prostějov
  - Jana Hanajová, born in Jablonec nad Nisou
  - Bc. Marek Hilšer, born in Chomutov
  - Iva Knížová, born in Písek
  - Michala Kodedová, born in Pardubice
  - Kristína Kováčková, born in Handlová
  - Katarína Krepelková, born in Bojnice
  - Vojtěch Kurfiršt, born in České Budějovice
  - Danica Kusendová, born in Trenčín
  - Mária Luchavová, born in Bojnice
  - Petra Nytrová, born in Frýdek-Místek
  - Zdeněk Opravil, born in Zvolen
  - Pavel Sadovský, born in České Budějovice
  - Zuzana Srbová, née Vrátná, born in Ústí nad Labem
  - Zuzana Stráníková, born in Kolín

Markéta Svobodová, born in Prague  
 Bc. Martin Šimša, born in Bohumín  
 Veronika Štěpánová, née Brunnerová, born in Prague  
 Gabriela Vepřeková, born in Pardubice

**On 30<sup>th</sup> July 2007 at 9.00 a.m.**

- In the Bachelor degree programme of specialization in health care, branch occupational therapy, the following completed their studies:
  - Petra Břicháčková, born in Kraslice
  - Tereza Černá, born in Ostrava
  - Milada Červenková, born in Počátky
  - Klára Dvořáková, born in Mělník
  - Olga Hudáková, née Dvořáková, born in Prague
  - Helena Kadlecová, born in Prague
  - Lucie Knéblová, born in Prague
  - Jana Matochová, born in Prague
  - Kateřina Moravčíková, born in Prague
  - Romana Plunderová, born in Prague
  - Zuzana Štuksová, born in Prague
  - Hana Tomešová, born in Karlovy Vary
  - Miroslava Vlková, born in Trnava
  - Pavla Záleská, born in Opočno
- In the Bachelor degree programme of specialization in health care, branch medical technology, the following completed their studies:
  - Petr Adámek, born in Klatovy
  - Viera Bártová, born in Trnava
  - Vít Caithaml, born in Kladno
  - Jan Cimbálník, born in Uherské Hradiště
  - Jan Jeřábek, born in Prague
  - Petr Mašek, born in Frýdlant
  - Lukáš Množil, born in Šternberk
  - Michal Nosek, born in Vsetín
  - Eva Pavlasová, born in Opava
  - Miroslav Procházka, born in Hořice v Podkrkonoší
  - Pavel Škrabal, born in Olomouc

**On 30<sup>th</sup> July 2007 at 10.30 a.m.**

- In the Master degree programme of general medicine, the following completed their studies:
  - Rastislav Ballay, born in Spišská Nová Ves
  - Marek Balog, born in Košice
  - Ondrej Benc, born in Prešov
  - Petr Beránek, born in Liberec
  - Lucia Blahová, born in Olomouc
  - Pavína Cikánková, born in Brno
  - Martina Černá, born in Prague
  - Ferdinand Füsi, born in Dunajská Streda
  - Tatiana Gazdíková, born in Trebišov
  - Ivona Hnylučová, born in Český Těšín
  - Stanislava Homolová, born in Bratislava
  - Martina Hrošová, born in Považská Bystrica
  - Linda Korábová, born in Prague
  - Ema Kresanová, born in Nitra
  - Pavel Kristen, born in České Budějovice
  - Paulína Matušková, born in Žiar nad Hronom
  - Jaroslav Mitlöhner, born in Stará Lubovňa
  - Milan Němejč, born in Tábor
  - Martina Némethová, born in Košice
  - Tereza Reitererová, born in Litoměřice
  - Richard Sabol, born in Prešov
  - Maria Slesarenko, born in Moscow, Russia
  - Marián Teplický, born in Spišská Nová Ves
  - Lucie Tylová, born in Louny

Adéla Vaňatová, born in Podbořany  
 Zuzana Volmutová, born in Bratislava  
 Eliška Vyskočilová, born in Most  
 Ján Zajak, born in Brezno

- In the Master degree programme of stomatology, the following completed his studies:  
 Jiří Skalický, born in Hradec Králové

#### On 30<sup>th</sup> July 2007 at 12.00 (noon)

- In the Master degree programme of general medicine, the following completed their studies:  
 Mohammed Atatri, born in Nablus, Palestine  
 Růžena Dvořáková, born in Benešov  
 Róbert Fabian, born in Bardejov  
 Mária Faltinová, born in Krompachy  
 Mária Filková, born in Liptovský Mikuláš  
 Petra Gloserová, born in Vysoké Mýto  
 Miroslava Hadravová, born in Počátky  
 Ondřej Havránek, born in Prague  
 Petr Hubka, born in Prague  
 Radek Kaiser, born in Havířov  
 Lucia Kovačičová, born in Galanta  
 Ladislav Król, born in Havířov  
 Tomáš Moravec, born in Třebíč  
 Barbora Novotná, born in Prague  
 Edita Otáhalová, born in Bratislava  
 Jan Pastor, born in Prague  
 Pavel Podrapský, born in Litoměřice  
 Ondřej Popelka, born in Prague  
 Karolína Porazíková, born in Chomutov  
 Veronika Rezková, born in Prague  
 Monika Seňková, born in Nitra  
 Emília Sukovská, born in Vranov nad Topľou  
 Karol Sutoris, born in Košice  
 Jana Škantárová, born in Spišská Nová Ves  
 Jana Špačková, born in Trenčín  
 Helena Štaňková, born in Zaporozhye, Ukraine  
 Lucia Verčimáková, born in Prešov  
 Irina Zacharčenkova, born in Kiev, Ukraine

#### On 30<sup>th</sup> July 2007 at 1.30 p.m.

- In the Master degree programme of general medicine, the following completed their studies with honours:  
 Tereza Drbohlavová, née Šopíková,  
 born in Uherské Hradiště
- Further, the following completed their studies in the Master degree programme of general medicine:  
 Kateřina Bimová, born in Hradec Králové  
 Václav Brabec, born in Prague  
 Ján Debre, born in Poprad  
 Lucia Dragulová, born in Prešov  
 Marek Grega, born in Kežmarok  
 Peter Hanák, born in Považská Bystrica  
 Viktória Jančušová, born in Svidník  
 Gabriela Janků, born in Zábřeh  
 Jan Jíra, born in Tábor  
 Marie Kalužová, born in Frýdek-Místek  
 Tomáš Kneifl, born in Liberec  
 Miroslav Kúdela, born in Zlín  
 Katarína Lišková, born in Humenné  
 Veronika Majerová, born in Prague  
 Kristýna Marešová, born in Lanškroun  
 Zuzana Mosáthová, born in Košice  
 Viktória Ohrisková, née Hrehová, born in Michalovce

Katarína Pčolová, born in Snina  
 Eva Ptáčnicková, born in Prague  
 Barbara Rosická, born in Bohuním  
 Petra Staníková, born in Uherské Hradiště  
 Petra Suchanová, born in Tábor  
 Ing. Dan Šimek, born in Nymburk  
 Květa Štruplová, born in Prague  
 Alexandra Trefilová, née Franzová, born in Prague

#### On 31<sup>st</sup> July 2007 at 9.00 a.m.

- In the Bachelor degree programme of nursing science, branch nursing, the following completed their studies with honours:  
 Daniela Drobílková, née Šimonová, born in Snina  
 Markéta Koutná, née Vejvodová, born in Prague
- Further, the following completed their studies in the Bachelor degree programme of nursing science, branch nursing:  
 Michaela Brynychová, born in Frýdlant v Čechách  
 Martina Finková, born in Nová Baňa  
 Katarína Fláková, née Mackovjaková, born in Krompachy  
 Blanka Hošková, née Staudová, born in Prague  
 Růžena Houžvičková, née Zvelebilová, born in Prague  
 Iveta Jirešová, née Mátlová, born in Jihlava  
 Andrea Keszióvá, born in Rožňava  
 Libuše Kotyková, née Říhová,  
 born in Dvůr Králové nad Labem  
 Nadežda Kučmová, born in Martin  
 Romana Kušičková, née Janošová, born in Prague  
 Martina Mahútová, born in Martin  
 Monika Matýsová, née Zemanová, born in Jihlava  
 Pavlína Neslušanová, née Karpitová, born in Čadca  
 Radmila Pačtová, née Černá, born in Liberec  
 Veronika Peterková, née Hojtková, born in Prague  
 Katarína Petřeková, née Hrinková, born in Svidník  
 Martina Rezlerová, born in Teplice  
 Jitka Roškotová, born in Příbram  
 Jana Sládková, née Patáková, born in Prague  
 Ivana Suková, née Poláková, born in Plzeň  
 Marianna Sulanová, born in Šurany  
 Lucie Ševčíková, born in Varnsdorf  
 Věra Šťastná, née Ševčíková, born in Prague  
 Pavla Štětovská, née Vojteková, born in Jeseník  
 Růžena Tichá, née Patáková, born in Tábor

#### On 31<sup>st</sup> July 2007 at 10.30 a.m.

- In the Master degree programme of nursing science, branch health teaching for secondary schools, the following completed their studies with honours:  
 Eva Holá, née Mikšová, born in Prague  
 Petra Holečková, born in Brandýs nad Labem  
 Lenka Kroniková, née Chytilová, born in Karlovy Vary  
 Tereza Mrkvičková, born in Kolín  
 Martina Muknšnáblová, née Šimánková, born in Písek  
 Jana Novotná, born in České Budějovice  
 Martina Válová, née Šafaříková, born in Strakonice
- Further, the following completed their studies in the Master degree programme of nursing science, branch health teaching for secondary schools:  
 Tereza Bakusová, born in Jihlava  
 Miloslava Drahošová, born in Mladá Boleslav  
 Irena Dubová, née Aronová, born in Louny  
 Jana Endlicherová, née Malá, born in Brno  
 Jiřina Hauznerová, born in Žatec

Jan Jedonek, born in Šumperk  
 Zuzana Kašpárková, born in Náchod  
 Klára Koutná, born in Kolín  
 Markéta Kuchařová, née Soukupová, born in Podbořany  
 Blanka Kulichová, née Průšová, born in Louny  
 Andrea Kurucová, née Rajsiglová, born in Chomutov  
 Iveta Lišková, née Stehlíková, born in Plzeň  
 Taťána Maňasová, née Rutová, born in Nymburk  
 Lenka Sentivanová, born in Chlumec nad Cidlinou  
 Hana Slámová, née Škodová, born in Přešov  
 Iva Šafránková, née Šafránková, born in Benešov  
 Marcela Šuleková, born in Kutná Hora  
 Hana Vaňourková, born in Písek  
 Renata Vytejšková, born in Kladno

#### On 31<sup>st</sup> July 2007 at 12.00 (noon)

- In the Bachelor degree programme of specialization in health care, branch physiotherapy, the following completed their studies:
  - Martina Bluchová, born in Ostrava
  - Markéta Brabcová, born in Kutná Hora
  - Lenka Gelbičová, born in Prague
  - Hana Hoblová, born in Cheb
  - Marcela Horáčková, born in Frýdek-Místek
  - Olga Kolouchová, born in Prachatice
  - Zuzana Krausová, born in Karlovy Vary
  - Jana Kreuzová, born in Sokolov
  - Alena Lišková, born in Planá
  - Miroslav Neuschl, born in Cheb
  - Marianna Rybnická, born in Sobrance
  - Barbora Semánová, born in Havlíčkův Brod
  - Pavla Šaratová, born in Aš
  - Barbora Trnková, born in Kraslice
  - Miroslava Vágnerová, born in Děčín
  - Jana Zamboryová, born in Hořovice

#### On 31<sup>st</sup> July 2007 at 1.30 p.m.

- In the Master degree programme of nursing science, branch health teaching for secondary schools, the following completed their studies with honours:
  - Jitka Aubrechtová, née Havlová, born in Prague
  - Pavčina Bartáková, born in Třebíč
  - Šárka Bělíková, born in Liberec
  - Martina Paclíková, née Krejčová, born in Pelhřimov
  - Jitka Podkalská, née Miklová, born in Hodonín
  - Klára Svobodová, born in Prague
- Further, the following completed their studies in the Master degree programme of nursing science, branch health teaching for secondary schools:
  - Zdeňka Dobešová, born in Brno
  - Barbora Dostálová, born in Náchod
  - Alena Dufková, born in Trenčín
  - Jana Holoubková, née Pejsarová, born in Plzeň
  - Barbora Kopecká, born in Liberec
  - Jitka Meindlschmidová, born in Cheb
  - Lada Musilová, née Urbánková, born in Vrchlav
  - Jiřina Nováková, born in Beroun
  - Jana Popelková, born in Kladno
  - Romana Šáriková, née Caklová, born in Jihlava
- In the Master degree programme of specialization in health care, branch medical technology and informatics, the following completed their studies:
  - Jan Hykel, born in Mělník
  - Petra Křížová, née Tábořská, born in Jablonec nad Nisou

Marie Kunstátová, née Langová, born in Plzeň  
 Lucie Marková, born in Vimperk  
 Karla Niklová, née Staníková, born in Ostrava  
 Martina Rejnková, née Turzová, born in Humenné  
 Michal Skořepa, born in Jaroměř  
 Michaela Tanzerová, born in Prague  
 Martin Vlasák, born in Prague  
 Jitka Schvarzová, née Dvořáková, born in Příbram

#### On 31<sup>st</sup> July 2007 at 3.00 p.m.

- In the Bachelor degree programme of specialization in health care, branch medical technology, the following completed their studies:
  - Veronika Bryscejnová, born in Jičín
  - Dana Laxová, born in Roudnice nad Labem
  - Lenka Mejsnarová, born in Prague
  - Alžběta Náprstková, née Kvíčalová, born in Prague
  - Karel Novák, born in Prague
  - Andrea Scheinerová, born in Chomutov
  - Milada Stiborová, born in Kraslice
  - Marek Škoda, born in Prague
  - Iva Švenkrťová, born in Slaný
  - Markéta Tučková, born in Prague
  - Hana Vančurová, born in Prague
- In the Bachelor degree programme of nursing science, branch nursing, the following completed their studies:
  - Radka Bergmannová, born in Náchod
  - Petra Drahotová, née Špringlová, born in Mladá Boleslav
  - Michaela Hofmanová, born in Náchod
  - Kristýna Hromířová, born in Prague
  - Lucie Hrubá, born in Vlašim
  - Martina Joklová, born in Prague
  - Kateřina Kafková, born in Náchod
  - Zuzana Ksandrová, born in Beroun
  - Marie Nettleová, born in Prague
  - Karolína Rybáková, born in Cheb
  - Veronika Šutoriková, born in Karlovy Vary
  - Lucie Tovčíková, born in Moravská Třebová
  - Martina Včeláková, born in Chlumec nad Cidlinou

#### On 27<sup>th</sup> November 2007 at 9.30 a.m.

- In the Bachelor degree programme of nursing science, branch nursing, the following completed their studies:
  - Barbora Cvachoučková, née Elšíková, born in Podbořany
  - Helena Fohlová, born in Prague,
  - Jana Fridrichová, born in Prachatice,
  - Adéla Němcová, born in Klatovy,
  - Monika Šťastná, born in Nymburk,
- In the Bachelor degree programme of specialization in health care, branch occupational therapy, the following completed their studies:
  - Jana Brabcová, born in Mostiště
  - Klára Hrabalová, born in Prostějov
  - Irena Kádřová, born in Karlovy Vary
  - Tereza Medková, born in Brno
  - Lenka Sekyrková, born in Pardubice
  - Petra Stojčenkova, born in Teplice
- In the Bachelor degree programme of specialization in health care, branch physiotherapy, the following completed their studies:
  - Lucie Dittrichová, born in Mladá Boleslav
  - Martina Fischerová, born in Prague
  - Iva Frintová, born in Opocno

Alice Jiráková, born in Planá  
 Karolína Kameníková, born in Prague  
 Jana Kekrtová, born in Mariánské Lázně  
 Kristýna Klepalová, born in Cheb  
 Adéla Kučerová, born in Mariánské Lázně  
 Kateřina Nekutová, born in Beroun  
 Lenka Novotná, born in Prague  
 Kateřina Sommertová, born in Aš  
 Kateřina Velinská, born in Brandýs nad Labem

- In the Bachelor degree programme of specialization in health care, branch medical technology, the following completed their studies:  
 Lukáš Cibulka, born in Lanškroun  
 Petra Slámová, born in Prague  
 Petr Šabík, born in Sokolov  
 Martin Zavadil, born in Prague

#### On 27<sup>th</sup> November 2007 at 10.30 a.m.

- In the Master degree programme of general medicine, the following completed their studies:  
 Mohammad Abu Safia, born in Toulkarem, Palestine  
 Jan Bařnec, born in Plzeň  
 Zsolt Bahík, born in Šahy  
 Zuzana Beliš, née Macková, born in Prešov  
 Andrea Beňová, born in Prešov  
 Michal Cibulka, born in Prague  
 Barbora Hirnerová, born in Bratislava  
 Barbora Jakubcová, born in Brno  
 Tereza Jelínková, née Ramíková, born in Prague  
 Tomáš Josefík, born in Přerov  
 Igor Jurčišin, born in Prešov  
 Jan Kačer, born in Prague  
 Filip Kapras, born in Prague  
 David Lubwama, born in Mukono, Uganda  
 Jozef Malík, born in Stará Ľubovňa  
 Alena Marešová, born in Prague  
 Anna Martin, née Urbanová, born in Michalovce  
 Martina Nováková, born in Benešov u Prahy  
 Roman Pethö, born in Liptovský Mikuláš  
 David Přidal, born in Šternberk  
 Zuzana Strmanská, born in Košice  
 Jana Svítilová, born in Prague  
 Miroslav Šuráň, born in Zlín  
 Jiří Vojtěch, born in Pelhřimov  
 Lukáš Wedell, born in Prague  
 Magda Zálešáková, née Hradilová, born in Prague

#### On 27<sup>th</sup> November 2007 at 12.00 (noon)

- In the Master degree programme of general medicine, the following completed their studies:  
 Mahmoud Abu Marzouq, born in Gaza, Palestina  
 Monika Bartíková, née Chmelinová, born in Slavičín  
 Lucie Bartoníčková, born in Prague  
 Lenka Baziková, born in Prague  
 Michaela Bočková, born in Mělník  
 Júlía Fujková, born in Michalovce  
 Karolína Ivkóvská, born in Prague  
 Radka Javornická, born in Dolný Kubín

Pavel Jiřík, born in Sokolov  
 Mgr. Marie Kučerová, née Ulrichová, born in Pardubice  
 Jana Macenauerová, born in Čadca  
 Khalil Moussa Haidar Hussein, born in Bednayeil, Lebanon  
 Richard Paděra, born in Brandýs nad Labem  
 Markéta Paprštejnová, born in Hořice v Podkrkonoší  
 Štěpán Sulek, born in Prague  
 Jakub Syrovátka, born in Prague  
 Silvie Šárková, born in Prague  
 Lucie Totová, née Havránková, born in Prague  
 Kateřina Vacková, born in Litoměřice  
 Jana Zátoková, born in Levice

- In the Master degree programme of stomatology, the following completed their studies:  
 Jiří Kahánek, born in Ostrava  
 Stanislav Kučera, born in Polička  
 MUDr. Barbora Kuntová, born in Písek

- In the Master degree programme of general medicine, the following completed their studies in English language:  
 Ali Al-Saati, born in Bahrain  
 Elaine Gomes Pinto, born in Kuwait  
 Jan Hillberger, born in Sweden  
 Seetha Jayaratnam, born in Great Britain  
 Poonam Kumar, born in Great Britain  
 Bimal Patel, born in Great Britain  
 May Saif, born in USA  
 Zareen Shahjahan, born in Great Britain

#### On 27<sup>th</sup> November 2007 at 1.30 p.m.

- In the Master degree programme of general medicine, the following completed their studies:  
 Vanda Anderleová, born in Banská Bystrica  
 Zora Fábryová, born in Levice  
 Ludmila Geisbergerová, born in Tábor  
 Ondřej Hloch, born in Prostějov  
 Pavol Chovanec, born in Košice  
 Markéta Klamová, born in Prague  
 Martina Maulová, born in Zlín
- In the Master degree programme of specialization in health care, branch medical technology and informatics, the following completed their studies:  
 Josef Bulant, born in, Městec Králové  
 Markéta Pleschnerová, born in, Prague  
 Kateřina Zenklová, born in, České Budějovice
- In the Master degree programme of nursing science, branch health teaching for secondary schools, the following completed their studies:  
 Jitka Aubrechtová, born in, Prague  
 Miluše Kopecká, born in, Ústí nad Orlicí  
 Jana Mašková, born in, Počátky  
 Jindra Novotná, born in, Vlašim  
 Martina Strítěská, née Charvátová, born in Prague  
 Pavlína Tůmová, born in, Prague  
 Hana Vrbová, born in, Louny

## Survey of the number of applicants and their results

Academic year	Branch	Number of applicants	Number of applicants examined	Enrolled out of the admitted	Limit for admission (points)	Maximum score (in theory)	Limit rate in the test	Number of appeals*)	Appeals out of those examined (percent)	Appeals out of those not admitted (percent)
1997/1998	medicine	1,455	1,152	418	203	299	67.89%	82	7.12%	11.17%
	stomatology	191	161	51	226	299	75.59%	22	13.66%	20.00%
	total	1,646	1,313	469				104	7.92%	12.32%
1998/1999	medicine	1,583	1,035	364	186	297	62.63%	156	15.07%	
	stomatology	235	156	53	178	297	59.93%	28	17.95%	
	total	1,818	1,191	417				184	15.45%	23.77%
1999/2000	medicine	1,549	1,161	490	186	299	62.21%	123	10.59%	18.33%
	stomatology	212	166	69	172	299	57.53%	28	16.87%	28.87%
	total	1,761	1,327	559				151	11.38%	19.66%
2000/2001	medicine	1,789	1,183	447	164	299	54.85%	126	10.65%	17.12%
	stomatology	226	167	60	155	299	51.84%	23	13.77%	21.50%
	total	2,015	1,350	507				149	11.03%	17.67%
2001/2002	medicine	2,202	1,353	404	180	300	60%	148	10.94%	18.03%
	stomatology	281	183	52	180	300	60%	31	16.94%	27.20%
	total	2,483	1,536	456				179	11.65%	19.14%
2002/2003	medicine	1,987	1,433	444	201	300	67%	89	6.21%	6.75%
	stomatology	252	188	59	176	300	58.66%	19	10.10%	11.31%
	total	2,239	1,621	503				108	6.66%	7.26%
2003/2004	medicine	1,873	1,398	437	191	300	63.66%	102	7.30%	8.99%
	stomatology	307	225	52	200	300	66.66%	29	12.88%	14%
	total	2,180	1,623	489				131	8.07%	9.77%
2004/2005	medicine	1,850	1,481	534	185	299	61.87%	107	7.23%	7.99%
	stomatology	333	275	56	240	299	80.27%	40	14.55%	13.42%
	total	2,183	1,756	590				147	8.37%	8.98%
2005/2006	medicine	2,016	1,449	484	180	300	60%	148	10.21%	15.34%
	stomatology	513	420	42	247	300	82.33%	76	18.10%	20.10%
	total	2,529	1,869	526				224	12%	16.70%
2006/2007	medicine	2,575	1,506	530	172	300	57.33%	175	11.62%	17.93%
	stomatology	840	580	61	236	300	78.66%	79	13.62%	15.22%
	total	3,415	2,086	591				254	12.18%	17.00%
2007/2008	medicine	2,509	1,820	426	178	297	59.93%	143	7.86%	16.73%
	stomatology	821	645	53	240	297	80.80%	57	12.25%	10.32%
	total	3,330	2,465	479				200	8.11%	18.90%

\*) Of the given number of appeals, none was settled in the affirmative

## Alumni of the First Faculty of Medicine

Field	1998/1999	1999/2000	2000/2001	2001/2002	2002/2003	2003/2004	2004/2005	2005/2006	2006/2007
Medicine	241	218	154	194	260	219	233	205	242
Stomatology	17	24	26	35	27	47	37	31	41
Nursing – full-time	18	26	16	28	24	18	15	16	18
Nursing – combined	17	19	12	21	30	27	22	31	28
Occupational therapy	15	14	16	20	22	18	22	16	20
Physiotherapy	-	-	13	11	13	18	16	16	40
Medical technology	3	16	3	10	11	11	10	14	15
Medical technology and informatics	-	-	-	-	-	13	27	6	12
Health teaching for secondary schools	-	-	-	-	-	23	25	26	48
English parallel class – medicine	2	6	18	18	17	38	24	16	20
English parallel class – stomatology	-	2	-	2	1	4	-	-	1
<b>Total</b>	<b>323</b>	<b>325</b>	<b>258</b>	<b>339</b>	<b>405</b>	<b>436</b>	<b>431</b>	<b>394</b>	<b>485</b>

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

such a level that it requires some regulation in case it exceeds our teaching capacities, particularly at clinical units.

The proportion of our full-time students coming from particular continents is visualised in the enclosed diagrams and in the chart. An overwhelming majority are students from European countries, whose number has dramatically increased thanks to the Faculty's standing efforts aimed at drawing attention to the Faculty in EU countries, including our presentations at international events organized to highlight the possibilities of university-level education in Europe, but also – no doubt – with the above mentioned admission of the Czech Republic to EU.

Another crucial change in the composition of the English-taught parallel class, however, is the continuous increase in students from North America and Africa, and in 2006 from Asia as well, particularly from Malaysia.

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 agree-



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



ment, also the talks with the Ministry of Health of Malaysia 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. Last year, these negotiations continued to extend the scope of our Faculty's diplomas recognized to those issued for the field of dentistry. Also the first entrance examinations, which took place in Kuala Lumpur in May 2006, and the high number of 70 applicants 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. In India the progress was even so fast that the first entrance examinations for the studies at the Faculty took place in July 2007, and first five Indian nationals were admitted.

Constructive attitude was also shown by Greek authorities, which took the decision again to recognize the diplomas received from our Faculty for studies in English language. Therefore the entrance procedures took place in Greece again last year, after a several years' pause, and again in Portugal as well, this time with a considerably higher number of applicants. For the first time these procedures were also performed in Norway, so the scope of European countries where our students are invited from widened further. Signing the contract with an agency in Italy will hopefully result in a similar effect in the countries of Southern Europe. 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

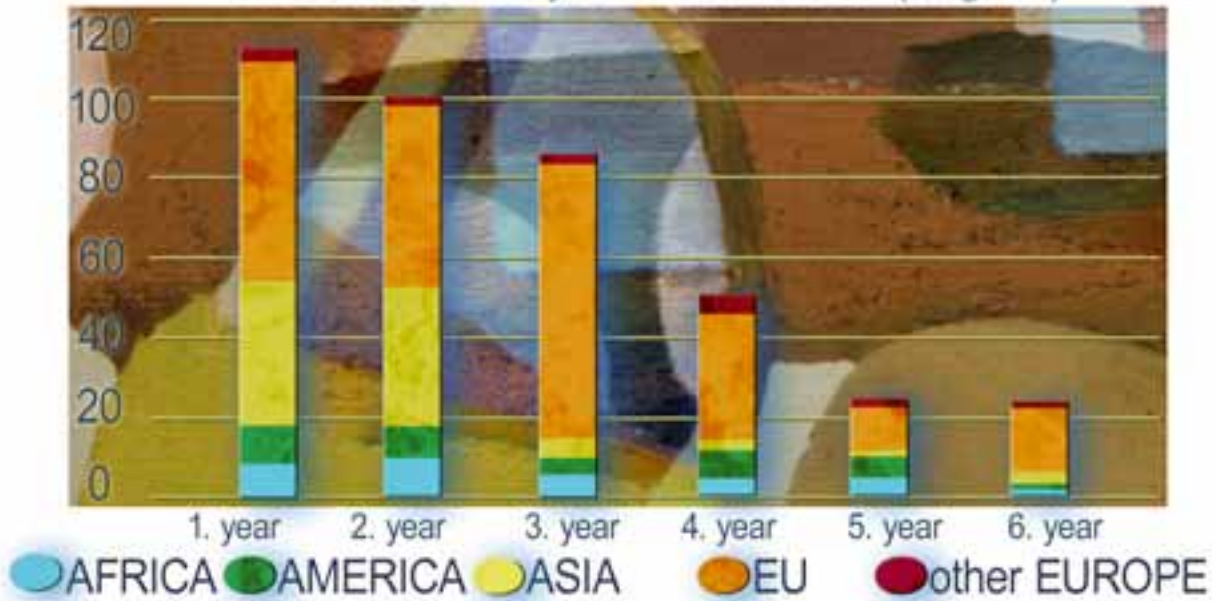
choice from the prospective students. The ratio of the students who underwent the entrance interview to those who passed successfully is documented in the diagrams and charts. In 2007, the First Faculty of Medicine continued the long-established co-operation with the foundation in Britain which helps secondary students in preparation for university-level studies. For those interested in the studies of medicine we organized lectures and practical classes in Great Britain, and we participated in big trade-fair events with presentations for prospective students and for their parents in Great Britain, Norway and Malaysia. 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 2007 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.

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 2007 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. Also co-operation between the students' organization and the Department of Students' Affairs expanded, which considerably enhances the quality of our presentations abroad and commencement of studies in the fresh first-year students, when more experienced colleagues come to their assistance and help them to get oriented at the Faculty.

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Students in English - taught programmes in the academic year of 2006/2007 (diagram)



Students in English-taught programmes in the academic year of 2007-2008

	Africa	America	Asia	EU	other Europe	total
1 <sup>st</sup> year	9	9	38	53	3	112
2 <sup>nd</sup> year	13	8	33	46	2	102
3 <sup>rd</sup> year	5	4	6	52	1	68
4 <sup>th</sup> year	7	6	3	31	4	51
5 <sup>th</sup> year	6	4	2	13	2	27
6 <sup>th</sup> year	1	1	4	21	0	27
	41	32	86	216	12	387

Students in English - taught programmes in the academic year of 2007/2008



● AFRICA ● AMERICA ● ASIA ● EU ● other EUROPE

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

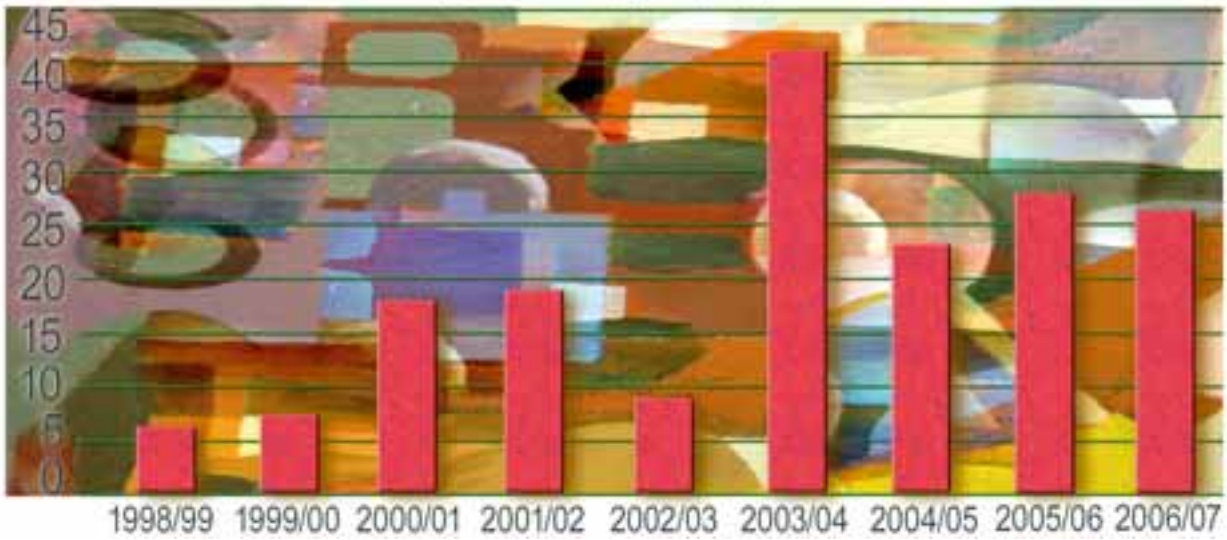


● AFRICA ● AMERICA ● ASIA ● EU ● other EUROPE

Alumni of English-taught programmes

year	alumni
97/98	2
98/99	7
99/00	8
00/01	19
01/02	20
02/03	10
03/04	42
04/05	24
05/06	28
06/07	27
total	139

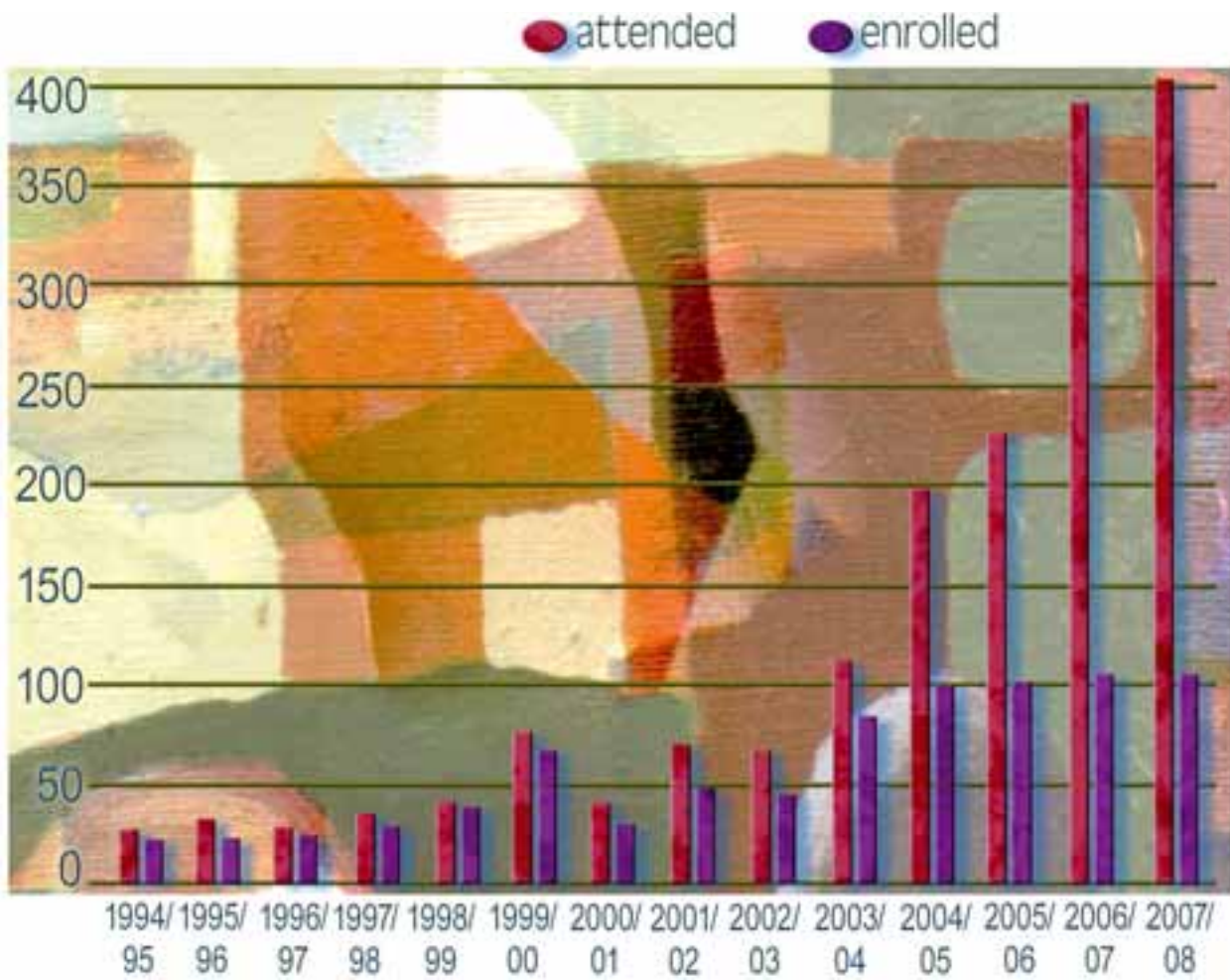
### Alumni of English - taught programmes of studies



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

	applicants	enrolled
1993/94	10	8
1994/95	18	14
1995/96	28	20
1996/97	24	19
1997/98	32	23
1998/99	37	29
1999/00	79	68
2000/01	41	28
2001/02	66	49
2002/03	61	46
2003/04	110	78
2004/05	198	98
2005/06	231	101
2006/07	389	114
2007/08	403	112

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



## CLINICAL TEACHING

2007 was another year of improvement of the environment for undergraduate education at particular institutes and clinical departments, which included reconstruction of the teaching premises as well as edition of new studying aids and textbooks (above all in the electronic form). Naturally, clinical teaching profits on the upgraded equipment and innovations in diagnostic and therapeutic methods at the clinical bases. The scope of our clinical teaching premises is still really wide (including the teaching hospitals at Motol, Bulovka and Krč – the Thomayer TH) but the core of the clinical teaching and the best part of the teaching output is performed at the facilities of the General Teaching Hospital. An important part of the study programme in general medicine is fulfilling the *List of practical procedures*, known as “the logbook”. This is given to the 3<sup>rd</sup> year students for the new core subject “Practical clinical skills” in the academic year 2007-2008. The subject will be completed with compulsory credits at the Institute of General Medicine before the concluding part of the Rigorous State Examination (in the academic year 2009-2010 for the first time). An increasing number of students study according to an individual study plan (curriculum), mainly on the grounds of study stays abroad (Erasmus programme etc.). The number of elective subject has grown. Students take still more informed part in evaluation of clinical teaching.

The **Institute of Medical Biochemistry** importantly contributed to the still extending collection of electronic teach-

ing and learning aids at the common Faculty study portal (<http://portal.lf1.cuni.cz/clanky.php?aid=746>) as well as at own web pages of the Institute ([http://che1.lf1.cuni.cz/html/cz\\_stud\\_syll\\_anim.html](http://che1.lf1.cuni.cz/html/cz_stud_syll_anim.html)).

The clinical **Department of Anaesthesiology and Resuscitation** introduced 15 basic lectures in the field in the form of e-learning.

The **Institute for History of Medicine and Foreign Languages**, as a co-researcher institution of the grant 581/07/F3 by the Fund for Development of Schools of Higher Education, created *A multimedia atlas of anomalies, varieties and pathologies of teeth* (e-learning study guide for dental anatomy), a digitalized version of *Basic paleopathology* for the parallel English class, and *An atlas of bone diseases*, just sent to print. Also postgraduate courses of surgery of the hand are held here for Czech students in Prague and Brno, as well as for foreign students, organized by an international association in Libya and Malta.

At the **Institute of Humanitarian Studies in Medicine**, a new supplemented and updated edition of the book *Special psychotherapy* was presented.

At the clinical **Department of Gynaecology and Obstetrics**, it was the first year of an e-learning course for students in the sixth-year of the programme of general medicine, in Czech language so far. All the lectures were transferred to the electronic form, including sound. The progress in TV-medi-



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cine at the department enabled commented live translations for students, which familiarize them with the whole scope of surgical techniques in Gynaecology and Obstetrics, and with basic ultrasonography diagnosis. Further, electronic equipment was bought to enhance the scope of possibilities of the interactive approach on lectures, such as opinion poll, direct evaluation of a lecture, testing, etc.

The **Department of Dermatology and Venereology** prepared an e-class about mycoses at the Faculty's portal, improved the photo archives and updated the seminars for medical students. Further, a resource room for the medics on placement was set up and furnished, including renovation of the historic collection of "replicas".

The **Institute of Nuclear Medicine** transferred the lectures for medical students in both Czech and English classes as well as those for the bachelor degree students to an electronic form and provided the access via its website <http://unm.lf1.cuni.cz>. This provided scope for promotion of various types of efficient interactive teaching in the full-time studies, which is more and more explored with the support from new technology (the Turning Point balloting equipment) and short videos, prepared by the physicians at the clinical department. These videos enable students to explore all stages of scintigraphic investigation, which they otherwise could not experience within their ordinary training.

The **3<sup>rd</sup> Dept. of Infectious & Tropical Diseases at TH Na Bulovce** runs an extensive website for the 3<sup>rd</sup> and 5<sup>th</sup> year students (including the English version), which displays detailed information about tuition, rich study material and 34 model case studies. Also the teachers' presentations and a multimedia lecture *Exanthems of infectious diseases* were placed on the web pages. Placed on the Faculty's website were the presentations and instruction videos *Tropical medicine* and the presentation on protozoa *Medical parasitology*. On the subsidy from the Faculty a seminar room in the infection clinic at Na Bulovce was opened. In 2007 the teaching staff of the clinic substantially contributed to the operation of the AIDS centre of the teaching hospital, which is the main methodological centre for diagnosis and therapy of HIV infection in the Czech Republic. Our staff largely performed the out-patient services for tropical diseases, travel medicine, vaccination centre and the Guaranteed Centre for Virus Hepatitis in the infection clinic of the Teaching Hospital Na Bulovce.

The **Institute of Forensic Medicine and Toxicology** placed the lectures on toxicology on its website, making them thereby more accessible for the students.

At the **Department of Nephrology**, the winter semester was very demanding in undergraduate education, mainly due to concurrent tuition for both 5<sup>th</sup> and 6<sup>th</sup> year students, which resulted from a shift in the curriculum, where the subject had been transferred from the 6<sup>th</sup> year to 5<sup>th</sup> year. In addition, practical clinical placements were launched for the follow-up master degree programme of intensive care. Apart from these changes, all the forms of undergraduate as well as postgraduate education that the department is engaged in were provided. A series of e-learning presentations on diseases of the kidney was prepared.

At the **Department of Orthopaedics at TH Na Bulovce**, new reconstructed operating theatres were opened in January 2007.

Also **2<sup>nd</sup> Medical Department – Clinical Department of Cardiology and Angiology** opened new clinical facilities at the unit for diagnosis and treatment of heart rate disorders, including two new catheterizing theatres, a new catheterizing workplace for coronary and haemodynamic investigation. Further, in co-operation with the management of the

General Teaching Hospital we were able to complete the restructuring and reconstruction of cardiologic outpatient facilities at the Faculty Policlinic. Apart from catheterizing facilities, the technologic equipment for ultrasound investigations was substantially updated as well.

At the **Institute of Clinical Biochemistry and Laboratory Medicine**, two new elective subjects started to be taught: sampling techniques (for 5<sup>th</sup> and 6<sup>th</sup> year students of general medicine) and molecular medicine and biotechnology (for 4<sup>th</sup> and 6<sup>th</sup> year students of general medicine). The content matter of the latter was shaped under the JPG project "Introduction of the undergraduate study programme Molecular Medicine in Theory and Practice of the Biotechnological Society". In 2007, JPD3 2035 project was completed, with a consequent MEFANET conference in Brno. There the concept of the common portal of medical faculties in the Czech Republic was introduced. The study materials published by the First Faculty of Medicine during the year were arranged into the teaching portal of the Faculty. The staff of the Institute of Clinical Biochemistry and Laboratory Medicine played an active role in this process as members of the Council of the teaching portal.

At the **3<sup>rd</sup> Surgical Department at Motol TH**, new teaching aids were prepared, such as educational CDs and DVDs on surgical topics. Within a EUNI project, the learning programme about the problem of lung carcinoma was prepared and the book *Sudden abdominal episodes* at the Galén publishing house issued.

The staff of **Research Institute of Stomatology** published the book *Medical microbiology for dentists* at NEPTUN publishing house in Brno in December 2007. At the study portal of the First Faculty of Medicine, the best part of lectures and seminars in the subject cariology were published in both Czech and English, including the final test.

In co-operation of the **Department of Paediatrics and Adolescent Medicine** and **Institute of Inherited Metabolic Disorders**, the following professional practical classes were organized under a JPD3 project: (1) A practical course of confocal microscopy: multi-purpose fluorescent marking, deconvolution, co-localization, 3D reconstruction; (2) Preparation of recombinant proteins as a base for structural biology; (3) DNA course; (4) Application of DNA chip technologies in research and diagnosis of genetically influenced disorders. At the Department of Paediatrics and Adolescent Medicine, *Paediatric emergencies*, a new textbook for both undergraduate and postgraduate studies, was published at Solen publishing house in 2007.

At the **Department of Radiodiagnosics**, a new core elective subject for students of general medicine in English language was introduced – New Imaging Methods in Clinical Practice. On a grant by the Fund for Development of Higher Education, workstations were purchased to train in the work with digital systems and images, and the respective topics were added to the syllabi of subjects in the Master degree programme of General Medicine and Bachelor degree programme of Medical Technology.

At the **Department of ENT and Head and Neck Surgery** there were some gradual modifications to the credit point system, resulting from the comments by the teachers as well as students. The credit point system, where each particular subject is allotted a certain number of points according to its importance, has proved appropriate in the tuition. Students are informed of the obligation of gaining a necessary minimum number of points to get the credits. The maximum number of points for the organized part of training was set at 300. The obligatory number necessary to get the credits is

280 points. After completion of a training unit, the points gained are confirmed by the teacher in the placement form, which a student is given on the day when the clinical placements commence. The system provides the students with a scope of facultative programmes, where they can engage – in the form of “shadowing” – in the current operation of the clinic at outpatient facilities, wards and operating theatres and get credit points according to the time spent. In the modified system, assistance at surgeries is planned for each student in the schedule of operations, and he/she is given the points as for any other training activity. Within the field the students are free to choose more theoretical or more practical training as they wish. For the bedside placements they are divided into several groups of not more than six. In these groups they can become familiar with the whole scope of patients at the clinic as well as with the differences in organization and operation of all the parts of the clinic. The requirement for smaller groups in practical training, however, could not be met before the current academic year, as in the academic year 2006-2007 there was a double number of students (4<sup>th</sup> plus 5<sup>th</sup> year), which was reflected in the number of students per group.

In 2007, a unique TB therapy facility was opened at **Department of Pneumology**, as well as a unit for multiresistant TB, meant for the whole Czech Republic. This is a unique facility within Central Europe, which thanks to the top quality equipment and arrangement allows for safe isolation and therapy of highly infectious patients. On training, the students are acquainted with this unit.

The **Institute of General Medicine** overtook responsibility for a new study subject Tuition of clinical skills. In the tuition week in the 4<sup>th</sup> year of studies, they further developed the *module of visit to the general practice*, connected with *home visiting at the patient's own setting*. According to the students' evaluation, the day at the practice became one of the most attractive parts of that stage of studies. The institute tries to cultivate the links with the selected group of training general practitioners and – at the same time – to look for more trainers among the colleagues in Prague. In theoretical tuition, videos of consultations taken at the GPs' surgeries with the 4<sup>th</sup> year students are analysed, and a presentation film by the Institute is exploited. Requirements for gaining the credits for tests of knowledge were tightened. In the 6<sup>th</sup> year of studies the tuition is by training at general practices, mainly at the trainers'. For future we consider using an e-learning lesson for the 6<sup>th</sup> year students in the combined form of studies. Although the evaluation by the students is satisfactory, we can presume some variability in quality of the placements, considering the fact that the best part of training takes place beyond the contracted training practitioners' surgeries. Training for international students is provided at the same level of quality as other tuition. In the past year there was a considerable increase in the number of students under the Erasmus programme who showed interest in taking the training in primary health care.

Having moved in September 2007, the **Institute of Nursing Theory and Practice** is new to the premises of Thomayer Teaching Hospital. Now it can boast with the new demonstrating lecture room and equipment for tuition of first aid to students of general medicine and dentistry, which lately was commissioned on the finance from the Fund for Development of Schools of Higher Education. The Institute develops e-learning methods within an EU project as well.

The **Institute of Pathology** promoted the quality of tuition by publishing the comprehensive textbook *Special pathology*. Also available for the students is the digital *Atlas of*

*rigorous exam preparations*. The Institute co-operated on the category A number 30081/2006 project “Establishment of a collection of virtual microscopic specimens for undergraduate and postgraduate education in histology and pathology”, and played an active role at MEFA 2007, with presentation of its achievements.

At the **Department of Geriatrics**, the elective subject geriatrics is first taught in this academic year, in both Master and Bachelor degree programmes. As a new form of tuition, joint training of both the groups has proved useful, enhancing the team work to solve clinical problems. In the English parallel classes, Powerpoint presentations on selected clinical topics by the students were tested successfully and contributed to interactivity of the tuition as well as to the students' interest in the subject. The Department of Geriatrics also obtained the accreditation by the Ministry of Health for the field of geriatrics (rotational training schemes).

At the **Institute of Anatomy** the lectures were also placed on the Faculty's teaching portal so that they can be used by students in the clinical years of their studies and by postgraduate students as well. The staff of the Institute started working at preparation of the new subject “Molecular medicine and biotechnology”, including preparation of respective teaching aids and texts. Renovation of the classroom for practicals was completed and renovation of the great lecture hall commenced.

At the **Department of Urology** a special classroom for training in laparoscopy was opened, equipped with a digital simulator, was opened. In laparoscopic classes, twenty physicians took part. Teaching programmes in electronic form were updated, in both Czech and English languages. Further, a video camera was mounted on the operation lamp, which enables live translation of urologic surgeries to the lecture hall.

The group of doctoral studies at the **Department of Psychiatry** obtained the grant “Finance and mental health training – Central Europe” from Berkeley University. Under the international Marie Curie programme they play an active role in international internet discussion and teaching with postgraduate students. The lectures are prepared by the students themselves. The study also leads to preparation and evaluation of psychoeducative programmes and chats for our patients and their families. Several educational texts were issued as part of e-learning (such as <http://el.lf1.cuni.cz/historie1>). At the Department of Psychiatry, a subsection for child and adolescent psychiatry of the Institute for Further Medical Education was established as well.

At the **3<sup>rd</sup> Medical Department** the Head of the clinic is a member of the EUNI council and the specialist supervisor of the Triton review manual at [www.medicabase.cz](http://www.medicabase.cz). A computerized test and educative programme was introduced there, both to be passed before coming for the clinical placement in endocrinology and metabolism.

On the initiative of the Head of the **Department of Gynaecology and Obstetrics at TH Na Bulovce**, the neonate ward was set up and refurbished at the renovated premises of the clinic, including the subsection of specialized neonate care, which is actually an isolation ICU; this considerably promoted the quality of maternal and neonate care at the teaching hospital Na Bulovce, and also improved the environment for tuition of students of the First Faculty of Medicine.

At the **Department of Neurology**, new e-learning topics were prepared for students of general medicine: neurological history-taking; neurological examination; general neurology. The multimedia *Atlas of gait disorders* was issued, as well as another atlas dealing with oculomotor disorders; tuition for Bachelor degree programmes in physiotherapy and occupa-



tional therapy was updated; the neuralgia club was re-established; new forms of training in speech therapy were introduced for the 4<sup>th</sup> year students of physiotherapy and occupational therapy; a new concept of postgraduate medical training at the clinic was presented; a new seminar room was established and the teaching premises refurbished, including the reconstruction of medics' changing rooms and students' toilets; a unified pattern was introduced of examination of the 4<sup>th</sup> year students on the last day of the teaching "block", which is to guarantee sufficient examining capacities for the whole group of students and feedback information on quality of the tuition by a questionnaire poll.

With the reconstruction of Building C at the premises of the Central Army Hospital, the **Department of Neurosurgery** was continuously taking part in the refurbishing of a multi-function operating theatre, including peroperative MRI, angiography and guiding.

The **Institute of Pharmacology** provided the second edition of *Basic and applied pharmacology* with 23 co-authors from all over the country. For the students of Bachelor Degree programmes the scope of supplementary topics, available in electronic form, was extended, now with "Pharmacotherapy of schizophrenia" included. All care was given to matching the tuition to the needs of clinical practice as closely as possible. In selected specialized lectures on pharmacology, specialists were engaged from the 3<sup>rd</sup> Medical Department, Department of Anaesthesiology and Resuscitation, and pharmacy of the General Teaching Hospital. The

seminar form of teaching was enriched with the knowledge of practice and research of laboratories of the Institute of Pharmacology and General Teaching Hospital (demonstration of analytic procedures in therapeutic monitoring of medications and practical operation of the pharmacy). Another activity that is new to the Institute is tuition for students in Master degree programmes at the Czech Technical University, comprising 42 hours of lectures per year and completed with examination.

The **Department of Orthopaedics at Motol TH** prepared the following multimedia lectures, placed at the Faculty's teaching portal in the e-learning system: Rheumatology of the leg; Coxa vara adolescentium; Perthes' disease; Inborn dysplasia of hip joints; Managing a deep infection of endoprostheses; TEP coxae; Arthrosis: conservative and surgical treatment.

**In clinical teaching of the programme General Medicine, the crucial role is played by "block training". Improving its quality is a demanding task for both teachers and students. The goal in clear: to create the best conditions for harmonization of theoretical knowledge and practical skills in the study of clinical subjects. This is undoubtedly backed by adequate evaluation of the new knowledge, performed after completion of the respective "block" in the way stated by the Studies Regulations and the List of Lectures, and – in turn – qualified evaluation of the tuition by students.**

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*Opening the renovated premises of the Department of Gynaecology and Obstetrics at 18 Apolinářská.*

## EVALUATION OF TUITION BY STUDENTS

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 student's – Jakub Albrecht, Marek Hilšer, Dr. Jiřina Hoffmannová, Martin Klein, Pavel Rutar.

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. In 2006-2007 this was repeated and at a time the previous year's results were analyzed. The main task during the academic year 2006-2007 was to perform the evaluation through the electronic form of data collection and processing within the student information system (SIS). Data collection was commenced in October 2006 and finished in October 2007. The first processed sets of data were given to the Board in November 2007, and in the same month the basic sets were passed to the Dean's Board. Again as soon as in November 2007, the Board for Evaluation released the results according to the relevant internal regulation.

In the period between May and October 2007, 430 students from all years and programmes of studies took part in the evaluation. Regrettably, this is a number that can hardly be described as satisfactory. One possible explanation is the failure of SIS in late July and early August due to the switchover to the centralized all-university system. This did not allow the evaluation in the above period, and may have discour-

aged quite a number of students from trying any more. Moreover, a loss of some data cannot be excluded, either. At the next stage, the Board for Evaluation wants to focus on the items that had repeatedly been evaluated as negative. The electronic version of the questionnaire, integrated with the SIS, which enabled an easy access for the students to the forms to evaluate particular subjects and institutions, was virtually left unchanged, so that the results of evaluation can be compared with those from the year before. The academic community is informed about the results at the Faculty's web pages as well as via the direct info sent to the respective organization units (whose Heads receive a complete survey of evaluation of their unit and staff) and bodies of the Faculty. The main advantage of the system is undoubtedly the unified form of the questionnaire, which enables for comparisons between particular departments and institutes (naturally, with some questions varying, depending on theoretical or clinical fields).

Besides this main evaluation, some "local" questionnaires survive which are prepared by particular organization units for their internal purposes and distributed to students during or following the course in the given field. The advantage is that the questionnaires can be tailored to the tuition at the specific unit. Last but not least, chat pages were set up at the websites of some departments and institutes, and they quickly won a great favour. Their main advantage, in turn, is the promptness, flexibility and interactivity.

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*Opening the refurbished endoscopy laboratories of the 4th Medical Department – clinical department of gastroenterology and hepatology of the First Faculty of Medicine and General Teaching Hospital.*

Chart showing the best and worst scored statements in evaluation of tuition by students of the Faculty in the academic year 2006–2007

Statement	Average grade	1 I wholly agree	2 I rather agree	3 I rather disagree	4 I wholly disagree	Total number of answers
The teacher was friendly in communication	1.56	65.5%	19.1%	9.02%	6.39%	5,121
I appreciate the teacher's teaching skills	1.57	61.58%	24.52%	9.3%	4.59%	5,138
There was an adequate chance to enrol for the exam	1.6	59.38%	26.59%	9.18%	4.85%	2,287
I find the grading at the exam objective	1.61	58.97%	26.74%	8.68%	5.61%	2,281
The atmosphere at the institute/department is friendly and outgoing	1.67	50.46%	35.96%	9.4%	4.19%	2,959
I am glad to study at the First Faculty of Medicine	1.78	36.59%	53.66%	4.88%	4.88%	41
Placements were an asset in general	1.8	45.65%	34.53%	13.59%	6.23%	1,332
There are study texts/publications available	1.82	46.82%	32.14%	13.48%	7.56%	2,514
I find that the subject, as it was taught, makes sense	1.83	44.95%	33.22%	15.71%	6.12%	3,037
The premises and furnishing of the classroom are all right	1.84	40.55%	40.86%	12.55%	6.04%	1,307
The technical support and background were all right	1.84	40.44%	40.35%	13.88%	5.33%	1,088
Seminars were an asset for the exam	1.86	42.1%	36.01%	15.25%	6.64%	2,138
Placements were an asset for the exam	1.87	44.25%	32.04%	15.93%	7.78%	1,105
The overall level and organization of tuition was good	1.87	39.37%	39.11%	16.32%	5.21%	2,997
The practicals captured my attention	1.88	42.97%	33.57%	15.64%	7.82%	1,138
The teachers conceived the seminars interactively	1.89	38.78%	38.18%	17.99%	5.04%	2,501
Practicals were an asset for the exam	1.9	43.32%	31.95%	16.52%	8.21%	1,011
The schedule suited me this year	1.93	45.24%	28.57%	14.29%	11.9%	42
The textbooks and other texts for study are of good quality	1.96	39.87%	33.64%	16.68%	9.81%	2,488
Placements were well-organized, without waste of time	1.97	37.69%	35.46%	18.85%	8%	1,300
Lectures were an asset and I would recommend them to my colleagues	2	36.47%	34.82%	20.53%	8.18%	1,393
Lectures were an asset for the exam	2.01	35.31%	36.24%	20.66%	7.79%	1,181
Seminars promoted the ability of thinking	2.03	33.82%	36.87%	21.83%	7.48%	2,419
Web pages of the institutes and departments are up to date and informative enough for the learning	2.54	5.13%	51.28%	28.21%	15.38%	2390

## DOCTORAL STUDIES

The Faculty has become a charter member of the European programme for harmonization of doctoral studies in biomedicine and is represented in the directing committee of the project by Assoc. Prof. Petr Hach.

The interest in studies of biomedical sciences at the Faculty has further increased in 2007.

At present, 19 programmes in Czech language and 17 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.

Evaluation of scientific activity of tutors in the Field Boards is in progress, which will serve as a guide for possible reconstitution of these boards. Among the post-graduate students at the First Faculty of Medicine, those in the combined form of study (588 out of 912 doctorands) again prevailed over the full-time ones in 2007. The doctoral programme in biomedical science at the Faculty was completed by 63 students. Our priority has been keeping up the requirements concerning the doctorands' scientific efficiency (incl. IF publications), even though these are more demanding (at Charles University and the Academy of Science) than at any other institutions of postgraduate education in biomedicine in the Czech Republic. This also involves some impact on the number of those who manage to complete the postgraduate studies in biomedicine. In co-operation with the other medical faculties, the Faculty of Science of Charles University in Prague, and the Academy of Sciences of the Czech Republic, the management of our Faculty plays an active role in the process aimed at the official approval of lengthening the regular duration of the postgraduate studies in the full-time form to four years. The web pages of the Faculty have been updated both in the Czech and English versions. The following tables provide more detailed information about post-graduate studies of biomedicine at the First Faculty of Medicine of Charles University.

### DOCTORAL STUDY PROGRAMMES AND THE CHAIRPERSONS OF THE RESPECTIVE FIELD BOARDS

- Molecular and Cellular Biology, Genetics and Virology  
Doc. RNDr. Petr Pikálek, CSc., Faculty of Science, Prague
- Cell Biology and Pathology  
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 Nedvídek, CSc., Faculty of Science, Prague
- Biochemistry and Pathobiochemistry  
Prof. MUDr. Jiří Kraml, DrSc., First Faculty of Medicine, Prague
- Human Physiology and Pathophysiology  
Prof. MUDr. Stanislav Trojan, DrSc., First Faculty of Medicine, Prague
- Immunology  
Doc. RNDr. Vladimír Holáň, DrSc., Faculty of Science, Prague
- Medical Microbiology

- Doc. RNDr. Jaroslava Svobodová, CSc., Faculty of Science, Prague
- Neurosciences  
Prof. MUDr. Karel Šonka, DrSc., First Faculty of Medicine, Prague
- Pharmacology and Toxicology  
Prof. MUDr. Sixtus Hynie, DrSc., First Faculty of Medicine, Prague
- Medical Biophysics  
Prof. MUDr. RNDr. Jiří Beneš, DrSc., First Faculty of Medicine, Prague
- Parasitology  
Doc. RNDr. Josef Nedvídek, CSc., Faculty of 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
- Imaging Techniques in Medicine  
Prof. MUDr. Jiří Neuwirth, CSc., Second 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 2012
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	31 Oct 2009
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
Imaging Techniques in Medicine	01 Aug 2015

**DOCTORAL STUDY PROGRAMMES ACCREDITED IN ENGLISH AND VALIDITY OF THE ACCREDITATION**

Biochemistry and Pathobiochemistry	20 Dec 2009	Medical Biophysics	01 Mar 2015
Biomedical Informatics	20 Dec 2013	Medical Microbiology	18 Dec 2009
Cell Biology and Pathology	20 Dec 2009	Molecular and Cellular Biology, Genetics and Virology	20 Dec 2009
Developmental Biology	20 Dec 2009	Neurosciences	20 Dec 2009
Experimental Surgery	20 Dec 2009	Parasitology	15 Aug 2010
Gerontology	15 Aug 2010	Pharmacology and Toxicology	20 Dec 2009
Human Physiology and Pathophysiology	20 Dec 2009	Preventive Medicine	20 Dec 2009
Immunology	20 Dec 2009	Psychology – Clinical Psychology	

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



*Visit of the Rector of Charles University to the premises of the First Faculty of Medicine. From the left: Prof. Tomáš Zima, the Dean of the First Faculty of Medicine; Prof. Václav Hampl, the Rector of Charles University in Prague; and Prof. Miloš Grim, the Head of the Institute of Anatomy at the Faculty.*

Survey of the number of students in the doctoral study programmes at particular Faculty institutions by the field and form of study (figures by 30 Nov 2007)

Name of the institution	full-time	combined	total
Institute of Anatomy	2	9	11
Institute of Medical Biochemistry	2	2	4
Institute of Biochemistry and Experimental Oncology	10	3	13
Institute of Physiology	7	9	16
Institute of Biophysics and Informatics	3	0	3
Institute of Pathological Physiology	0	6	6
Institute of Pharmacology	13	21	34
Institute of Clinical and Experimental Haematology	5	9	14
Institute of Hygiene and Epidemiology	5	10	15
Institute of History of Medicine and Foreign Languages	2	10	12
Institute of Humanitarian Studies in Medicine	8	13	21
Institute of Pathology	0	2	2
Institute of Nuclear Medicine	1	2	3
Institute of Immunology and Microbiology	11	8	19
Institute of Forensic Medicine and Toxicology	2	2	4
Institute of Sports Medicine	1	3	4
Institute of Sexology	9	10	19
Institute of Inherited Metabolic Disorders	9	10	19
Institute of Cell Biology	4	2	6
Institute of Clinical Biochemistry and Laboratory Medicine	20	19	39
Department of Paediatrics at Thomayer Teaching Hospital	0	1	1
Department of Surgery at Thomayer Teaching Hospital	0	1	1
Department of Radiodiagnostics at TH Na Bulovce	0	1	1
Department of Orthopaedics at TH Na Bulovce	3	0	3
Department of Surgery at TH Na Bulovce	0	3	3
Department of Plastic Surgery	3	4	7
Department of Gynaecology and Obstetrics at TH Na Bulovce	2	0	2
1st Medical Department	6	7	13
Department of Nephrology	5	3	8
2nd Medical Department	3	25	28
3rd Medical Department	25	24	49
4th Medical Department	5	10	15
Department of Occupational Diseases	2	2	4
1st Department of Tuberculosis and Respiratory Diseases	0	1	1
Department of Dermatology and Venereology	2	0	2
Department of Geriatrics	0	3	3
Department of Neurology	10	22	32
Department of Psychiatry	16	26	42
Department of Radiodiagnostics	1	5	6
Department of Oncology	4	3	7
Department of Rehabilitation Medicine	1	9	10
Department of Rheumatology	4	4	8
Department of Paediatrics and Adolescent Medicine	14	13	27
1st Surgical Department	0	5	5
3rd Department of Surgery	2	6	8
2nd Surgical Department	2	10	12
Department of Anaesthesiology, Resuscitation and Intensive Care	1	7	8
Department of Orthopaedics	2	11	13
Department of Urology	1	5	6

Department of Otorhinolaryngology and Head and Neck Surgery	3	5	8
Department of Phoniatics	1	3	4
Department of Ophthalmology	7	3	10
Research Institute of Stomatology	6	5	11
Department of Stomatology	4	11	15
Department of Gynaecology and Obstetrics	3	23	26
3rd Department of Infectious and Tropical Diseases	8	4	12
Department of Neurosurgery at the Central Army Hospital	1	4	5
Institute of Cell Biology and Pathology	4	2	6
Medical Department at the Central Army Hospital	1	3	4
<b>Total</b>	<b>266</b>	<b>424</b>	<b>690</b>

## Doctoral State Examinations

Student's name	Title	Field	Date of examination
Libuše Babická	Mgr.	Molecular and Cellular Biology, Genetics & Virology	17 Sep 2007
Abdulrahmana A. Bahannana	M.D.	Experimental Surgery	12 Sep 2007
Robert Bartoš	MUDr.	Neurosciences	10 Dec 2007
Robert Bém	MUDr.	Human Physiology and Pathophysiology	19 Apr 2007
Jan Benedikt	Ing.	Neurosciences	12 Feb 2007
Jan Bouček	MUDr.	Cell Biology and Pathology	20 Sep 2007
Olga Brantová	Mgr.	Biochemistry and Pathobiochemistry	21 Feb 2007
Hana Brožová	MUDr.	Neurosciences	25 Jun 2007
Helena Buzková	PharmDr.	Pharmacology and Toxicology	13 Jun 2007
Petra Bysterská	Mgr.	Pharmacology and Toxicology	13 Jun 2007
Zuzana Cvačková	Mgr.	Cell Biology and Pathology	20 Sep 2007
Věra Čertíková Chábová	MUDr.	Human Physiology and Pathophysiology	18 Oct 2007
Radka Doležalová	MUDr.	Human Physiology and Pathophysiology	19 Apr 2007
Simona Dostálová	MUDr.	Neurosciences	4 Jun 2007
Jana Dvořáková	MUDr.	Neurosciences	17 Sep 2007
Barbora Dvořánková	MUDr.	Experimental Surgery	13 Jun 2007
Tomáš Fait	MUDr.	Experimental Surgery	13 Jun 2007
Daniela Fischerová	MUDr.	Experimental Surgery	12 Dec 2007
Věra Franková	Mgr. Ph.D.	Medical Ethics	25 Sep 2007
Martin Haluzík	Mgr.	Human Physiology and Pathophysiology	18 Oct 2007
Aleš Hejčíl	MUDr.	Neurosciences	10 Dec 2007
Magdalena Herknerová	MUDr.	Human Physiology and Pathophysiology	31 May 2007
Aleš Hnízda	Ing.	Biochemistry and Pathobiochemistry	5 Dec 2007
Petr Jiroutek	MUDr.	Neurosciences	12 Mar 2007
Kristýna Juklová	Mgr.	Cell Biology and Pathology	7 Jun 2007
Markéta Kazderová	MUDr.	Biochemistry and Pathobiochemistry	4 Apr 2007
Vladimír Kmoch	MUDr.	Neurosciences	4 Jun 2007
Miroslav Kocík	MUDr.	Human Physiology and Pathophysiology	15 Feb 2007
Viktor Komárek	MUDr.	Medical Biophysics	29 Mar 2007
Markéta Koželuhová	MUDr.	Human Physiology and Pathophysiology	20 Sep 2007
Martina Křenová	Mgr.	Preventive Medicine	21 Feb 2007
Lukáš Lacina	MUDr.	Cell Biology and Pathology	7 Jun 2007
Zuzana Lattová	MUDr.	Neurosciences	4 Jun 2007
Sudheera Magage	MUDr.	Human Physiology and Pathophysiology	31 May 2007
Filip Majer	Ing.	Biochemistry and Pathobiochemistry	4 Apr 2007
Radka Martincová	MUDr.	Cell Biology and Pathology	11 Oct 2007
Martin Mašek	MUDr.	Medical Biophysics	13 Nov 2007

Evžen Nešpor	MUDr.	Neurosciences	12 Feb 2007
Marie Opatrná	Mgr.	Medical Ethics	25 Sep 2007
Tomáš Paleček	MUDr.	Human Physiology and Pathophysiology	15 Nov 2007
Zoltán Paluch	MUDr.	Gerontology	20 Sep 2007
Barbora Pecharová	Ing.	Immunology	11 Oct 2007
Kristína Pechandová	Mgr.	Pharmacology and Toxicology	17 Jan 2007
Martina Pejznochová	Mgr.	Biochemistry and Pathobiochemistry	18 Apr 2007
Ondřej Petrák	MUDr.	Human Physiology and Pathophysiology	19 Apr 2007
Bohumír Plucar	MUDr.	Medical Ethics	25 Sep 2007
Ferdinand Polák	MUDr.	Human Physiology and Pathophysiology	31 May 2007
Michal Pohludka	Ing.	Cell Biology and Pathology	21 Jun 2007
Olga Příbylová	MUDr.	Biochemistry and Pathobiochemistry	7 Nov 2007
Martina Rosická	MUDr.	Human Physiology and Pathophysiology	15 Feb 2007
Miroslava Rohanová	Mgr.	Pharmacology and Toxicology	13 Jun 2007
Dita Sállová	Mgr.	History of Medicine	3 Apr 2007
Eva Scholzová	Ing.	Biochemistry and Pathobiochemistry	24 Jan 2007
Viktor Soukup	MUDr. FEBU	Experimental Surgery	11 Jul 2007
Jana Soukupová	Mgr.	Biochemistry and Pathobiochemistry	18 Apr 2007
Drahomíra Springer	Ing.	Biochemistry and Pathobiochemistry	4 Apr 2007
Alan Stolz	MUDr. MBA	Experimental Surgery	17 Jan 2007
Jarmila Stremeňová	Mgr.	Biochemistry and Pathobiochemistry	5 Jun 2007
Iva Subhanová	Ing.	Biochemistry and Pathobiochemistry	4 Apr 2007
Petr Svobodný	Doc. PhDr.	History of Medicine	3 Apr 2007
Helena Svobodová	Mgr.	Human Physiology and Pathophysiology	24 May 2007
Jan Ševčík	Mgr.	Biochemistry and Pathobiochemistry	5 Dec 2007
Julius Šimko	MUDr.	Neurosciences	12 Mar 2007
Kateřina Šimůnková	MUDr.	Human Physiology and Pathophysiology	14 Jun 2007
Miroslav Špaček	MUDr.	Medical Biophysics	17 Oct 2007
Július Štroffek	Mgr.	Human Physiology and Pathophysiology	20 Sep 2007
Jana Švarcová	Mgr.	Biochemistry and Pathobiochemistry	5 Jun 2007
David Tomíček	Mgr.	History of Medicine	3 Apr 2007
Vladimír Tuka	MUDr.	Human Physiology and Pathophysiology	28 Jun 2007
Michaela Týblová	MUDr.	Neurosciences	12 Mar 2007
Petra Uhlíková	MUDr.	Neurosciences	25 Jun 2007
Tomáš Urban	MUDr.	Gerontology	5 Jun 2007
Tomáš Víták	MUDr. Ing.	Medical Biophysics	13 Nov 2007
Lucie Vojtová	Ing.	Biochemistry and Pathobiochemistry	7 Nov 2007
Světлана Wittnerová	MUDr.	Neurosciences	25 Jun 2007
Libor Zámečník	MUDr. FEBU	Experimental Surgery	12 Sep 2007
Lukáš Zlatohlávek	MUDr.	Human Physiology and Pathophysiology	4 Jun 2007
Stanislav Žák	Mgr.	Medical Ethics	25 Sep 2007
Jan Žižka	Mgr.	Immunology	13 Jun 2007



## Theses defended in the doctoral study programme

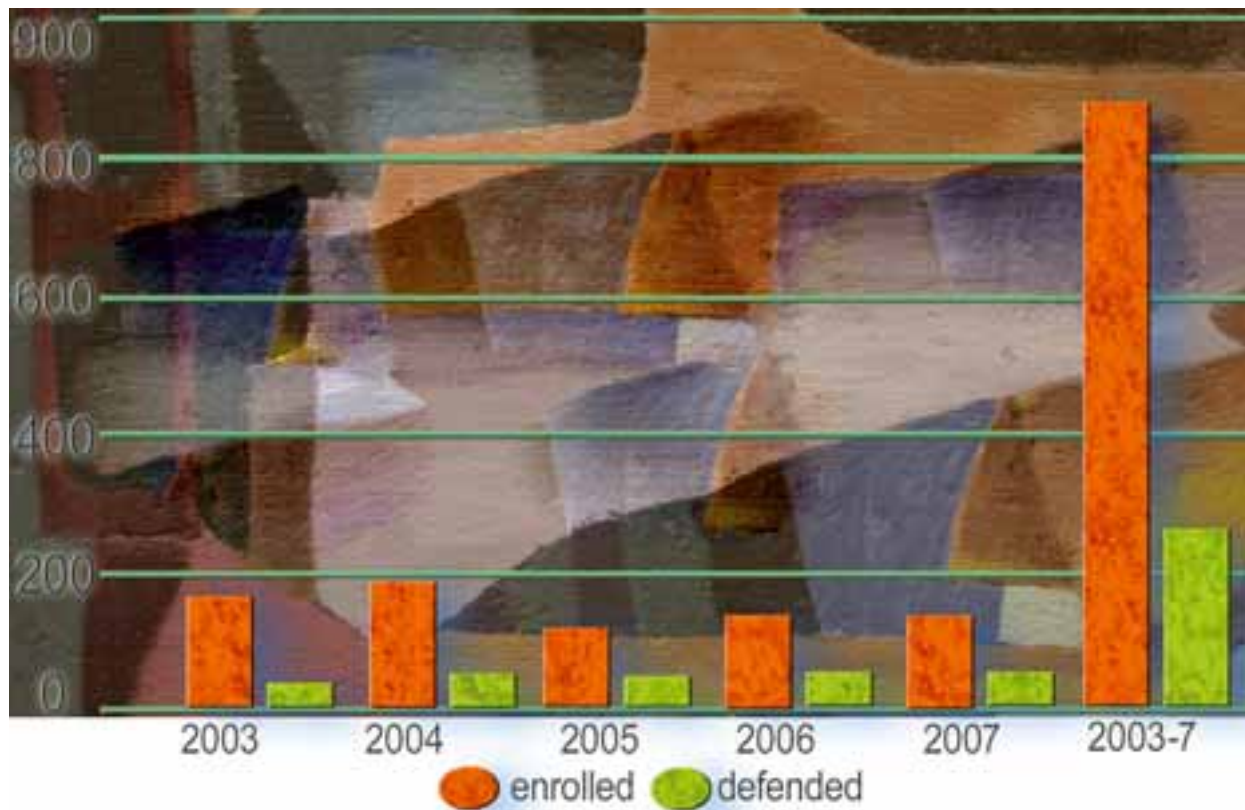
Name and surname	Title	Field	Date of defence	Title of the thesis
Kateřina Anderlová	MUDr.	Human Physiology and Pathophysiology	27 Sep 2007	Influence of pharmacologic interventions and low caloric diet on adipose tissue metabolism in overweight patients and type 2 diabetes mellitus sufferers
Marek Babušiak	Mgr.	Biochemistry and Pathobiochemistry	19 Sep 2007	The Biochemistry of Zinc and Iron Proteomic Studies
Ondřej Beran	MUDr.	Human Physiology and Pathophysiology	16 Jun 2007	Role of the immune response in pathophysiology of infectious meningitis
Michaela Beznosková Seydlová	MUDr.	Experimental Surgery	7 Mar 2007	Biological features of hydroxyapatite-coated titanium alloy in relation to direct load on the dental implant
Silvie Bloudíčková	MUDr.	Human Physiology and Pathophysiology	18 Oct 2007	Mechanisms participating in development and progression of complications of chronic nephropathies
Vladimíra Fejfarová	MUDr.	Human Physiology and Pathophysiology	26 Sep 2007	Immunologic abnormalities and infectious complications in patients with diabetic leg syndrome and therapy of diabetic leg syndrome through unweighting
Hana Fikáčková	MUDr.	Medical Biophysics	19 Sep 2007	Non-ionizing radiation in dentistry: diagnosis and physical therapy of disorders of the temporomandibular joint
Eva Flachsová	MUDr.	Biochemistry and Pathobiochemistry	26 Sep 2007	Molecular pathology of porphyrias
René Foltán	MUDr.	Experimental Surgery	19 Sep 2007	Genioglossus advancement in surgical therapy of obstructive sleep syndrome
Daniel Housa	MUDr.	Cell Biology and Pathology	7 Jun 2007	Role of adipocytes in pathogenesis of human diseases
Andrea Howardová	MUDr.	Psychology	6 Sep 2007	Integrated day care in psychiatry as an alternative of classical hospitalization
Jan Chlumský	MUDr.	Human Physiology and Pathophysiology	28 Jun 2007	Correlation of lung functions and tolerance of physical load in patients with chronic obstructive pulmonary disease
Filip Janků	MUDr.	Biochemistry and Pathobiochemistry	19 Sep 2007	Detection of minimum residual disease in patients with breast carcinoma in the early stages
Libor Janoušek	MUDr.	Experimental Surgery	3 Oct 2007	(I) Influencing the endocrine secretion of a pancreas graft through administration of somatostatin to the donor and recipient and its impact on healing of the surgical wound after transplantation and survival of the pancreas graft: a prospective randomized study. (II) Introduction and evaluation of the technique of pancreas transplantation with drainage of the outer pancreatic section to the intestine in combination with extraperitoneal insertion of the graft: a retrospective study
Pavel Ješina	MUDr.	Biochemistry and Pathobiochemistry	20 Sep 2007	Biochemical and Functional Manifestations of Inherited Disorders of Mitochondrial F <sub>1</sub> F <sub>0</sub> ATP Synthase
Jana Ježková	MUDr.	Human Physiology and Pathophysiology	24 May 2007	New techniques in diagnosis and treatment of selected endocrinopathies
Petra Kleiblová	MUDr.	Experimental Surgery	24 Oct 2007	Role of adipose tissue in regulation of insulin sensitivity in pregnancy
Jiří Klempíř	MUDr.	Neurosciences	24 Sep 2007	Huntington's disease: analysis of correlations between clinical, functional and morphometric findings
Pavel Klener	MUDr.	Human Physiology and Pathophysiology	29 Nov 2007	Analysis of trail-induced apoptosis in acute myeloid leukemia cells"
Miroslav Kocík	MUDr.	Human Physiology and Pathophysiology	20 Sep 2007	Coronary disease of a heart graft
Lubomír Košťál		Medical Biophysics	19 Sep 2007	Principles of information processing in neuronal models

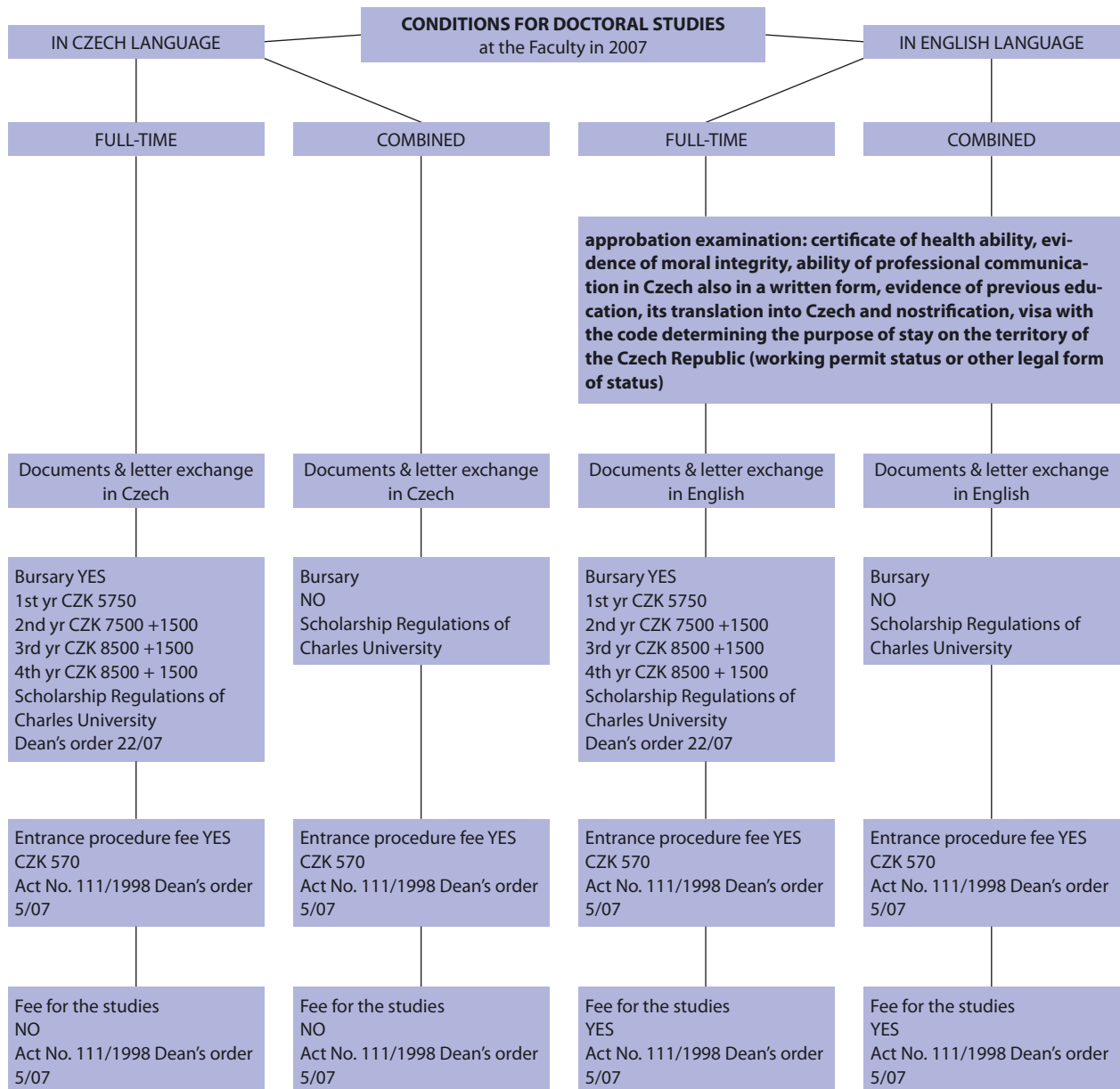
Petra Koubíková	MUDr.	Human Physiology and Pathophysiology	26 Sep 2007	Immunosuppressive therapy of idiopathic inflammations of the intestines
Martina Křenová	Mgr.	Preventive Medicine	27 Jun 2007	Study into permanent effects of poisoning with hepatotoxic and nephrotoxic substances
Miloš Kubánek	MUDr.	Human Physiology and Pathophysiology	21 May 2007	Contribution of establishment of neurohumoral activation for the monitoring of treatment of chronic cardiac failure
Anna Lábjová	Mgr.	Biomedical Informatics	11 Sep 2007	Measurement of membrane potential with tetraphenylphosphonium cation sensitive ion-selective electrodes
Petr Libý	MUDr.	Cell Biology and Pathology	7 Jun 2007	Thyroid hormone receptors and selected interacting proteins in glial tumors: The analysis of the expression and regulatory potential
Jean-Claude Mukkonol Lubanda	MUDr.	Human Physiology and Pathophysiology	27 Sep 2007	Cardiovascular impairment in patients with Fabry's disease
Martina Milotová	Mgr.	Human Physiology and Pathophysiology	20 Sep 2007	Neurotic lesion of the hippocampus during the development
Ludmila Moszkorzová	MUDr.	Human Physiology and Pathophysiology	14 Jun 2007	Role of the immunity response in pathophysiology of infectious meningitis
Irena Netíková	PharmDr.	Cell Biology and Pathology	20 Sep 2007	Biological diversity of mammary gland carcinoma cells related to sensitivity to anti-tumour therapy
Svatopluk Ostrý	MUDr.	Neurosciences	10 Dec 2007	Neuronal and vascular reactivity in patients with symptomatic stenosis of the internal carotid artery
David Pavlišta	MUDr.	Experimental Surgery	20 Jun 2007	Detection and prognostic importance of the sentinel node in breast carcinoma
Petr Pecina	Mgr.	Biochemistry and Pathobiochemistry	20 Sep 2007	Inherited Disorders of Cytochrome c Oxidase Biogenesis
Ondřej Petrák	MUDr.	Human Physiology and Pathophysiology	13 Dec 2007	Alterations of the cardiovascular system in endocrine-conditioned hypertension: diagnostic and therapeutic aspects
Jana Pindjácová	Mgr.	Immunology	14 Mar 2007	The role of T lymphocytes and macrophages in experimental models of allo- and xenograft rejection
Petr Potměšil	MUDr.	Pharmacology and Toxicology	12 Dec 2007	Expression of cytokines, particularly chemokines, after application of acyclic nucleosidophosphonates
Andrea Potocká	Ing.	Biochemistry and Pathobiochemistry	20 Sep 2007	Assembly factors in the biogenesis of mitochondrial ATP synthase
Ivan Raška	MUDr.	Human Physiology and Pathophysiology	24 May 2007	Retinoid regulation of target gene transcription and antitumor activity of retinoid related molecules
Lucie Riedlbauchová	MUDr.	Human Physiology and Pathophysiology	15 Nov 2007	The effect of biventricular pacing as compared to single-side left-ventricular pacing and bifocal pacing of the right ventricle in patients with chronic heart failure
Vladimír Riljak		Human Physiology and Pathophysiology	28 Jun 2007	Triggering the destruction of neurons by neurotoxic factors and its management
Martina Rosická	MUDr.	Human Physiology and Pathophysiology	15 Nov 2007	Ghrelin in malnutritions of various etiology as a pathogenic factor of systemic inflammatory response
Dita Sállová	Mgr.	History of Medicine	26 Nov 2007	Hakuin Ekaku: Various stories of a night boat – unity and diversity in the medical discourse of the Tokugawa period
Klára Sedláková	MUDr.	Cell Biology and Pathology	20 Sep 2007	The study of the role of cell populations in rejection and tolerance of orthotopic corneal transplants
Martina Sekowská	Mgr.	Molecular Biology, Genetics and Virology	25 Sep 2007	Microsatellite instability in patients with hereditary non-polypoid colorectal carcinoma
Jakub Sikora	MUDr.	Cell Biology and Pathology	26 Apr 2007	Novel aspects of molecular biology and pathology of lysosomal storage disorders: studies with partial use of <i>Caenorhabditis elegans</i>

Ondřej Slanař	MUDr.	Pharmacology and Toxicology	17 Jan 2007	Genetically influenced variability of drug metabolism
Viktor Soukup	MUDr.	Experimental Surgery	13 Sep 2007	Problems of prognostic factors in ureteral bladder carcinoma
Alan Stolz	MUDr.	Experimental Surgery	27 Jun 2007	Variations of the lung vascular bed from the point of view of a lung surgeon
Pavla Stopková	MUDr.	Neurosciences	17 Sep 2007	Molecular aspects of bipolar disorder and schizophrenia
Petr Svobodný	doc. MUDr.	History of Medicine	26 Nov 2007	Prague medical faculties and their clinical facilities 1938-1945"
Filip Šámal	MUDr.	Neurosciences	14 May 2007	Use of the end-to-side technique in solution of complex injuries of the shoulder girdle
Lucie Šedivá	MUDr.	Human Physiology and Pathophysiology	29 Nov 2007	Efficiency of treatment of chronic forms of atrial fibrillation through catheterization, radiofrequency ablation, application of preventive stimulating regimens: a hybrid therapy
Blanka Šestáková	Mgr.	Molecular and Cellular Biology, Genetics & Virology	24 Sep 2007	Transcript regulation of differentiation in cells of embryonic carcinoma and malignant melanoma: Role of p21(WAF1) and MITF proteins
Kateřina Šimečková	Mgr.	Cell Biology and Pathology	21 Jun 2007	Nuclear receptors in <i>Caenorhabditis elegans</i> : NHR-60 regulates embryonic development
Julius Šimko	MUDr.	Neurosciences	24 Sep 2007	Effect of carbamazepine on homeostasis of thyroid gland hormones
Zuzana Teuberová	MUDr.	Experimental Surgery	7 Mar 2007	Parameters of bioceramic layers, coating of implants by hydroxyapatite modified with zirconium and the outlook for immediate load on a dental implant
Tomáš Urban	MUDr.	Gerontology	20 Sep 2007	"No touch aorta" technique of surgical revascularization of the myocardium in octogenarians
Martina Vašáková	MUDr.	Immunology	21 May 2007	Th1/Th2 gene polymorphism of cytokines in patients with idiopathic lung fibrosis
Marek Vecka	Mgr.	Biochemistry and Pathobiochemistry	21 Feb 2007	Importance of non-cholesterol sterols and profile of fatty acids in various pathophysiologic states
Martin Vejražka	MUDr.	Biochemistry and Pathobiochemistry	26 Sep 2007	Role of NADP(H) oxidase in signal transduction
Josef Záhumenský	MUDr.	Human Physiology and Pathophysiology	10 Apr 2007	Bladder incontinence and sexuality in pregnancy and following childbirth
Kateřina Zídková	Mgr.	Molecular and Cellular Biology, Genetics & Virology	24 Sep 2007	Research into variability of transcription regulatory areas of LPA gene
Marie Zikánová	Ing.	Molecular and Cellular Biology, Genetics & Virology	24 Sep 2007	Study of pathogenesis of adenylosuccinate lyase deficiency

Number of the students enrolled and the theses defended in doctoral study programmes at the First Faculty of Medicine (2003–2007)

year	2003	2004	2005	2006	2007	2003–2007
enrolled	176	190	138	149	185	838
defended	41	48	40	50	63	242







*During the Christmas venue the ensemble "Piccolo coro" performed, conducted by its principal Marek Valášek (the first from the right).*



*Christmas venue of the heads of the institutes and clinical departments of the First Faculty of Medicine at the New Tawn Hall.*

# 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. In the sphere of basic research, the Faculty's focus is unambiguously on such projects that would produce quality output – knowledge that can be published and win response in important professional scientific journals. Great attention is paid to the “third role” of universities – applied research and development. In this sphere, the criterion of success are patents and – above all – licences. The qualitative 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. In the recent years, the funds gained for scientific activities have exceeded the sum total of subsidies allotted to us by the total number of students. These value 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 habilitation and appointment procedures at our Faculty. All that is certainly positive reference for the Faculty in gaining post-graduate students, who can build up their curricula well, con-

sequently finding a wider scope to assert their expertise – not only at a local level.

Another favourable factor is the high opinion on the quality of the projects completed, which is achieved in an overwhelming majority of cases. 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 Sciences of the Czech Republic.

For enhancing the potential and conceptual development of scientific activity of our Faculty, implementation of the University project of the Albertov Campus and the project of Vestec Biotechnological Centre, in which Charles University is engaged together with the institutes of Academy of Sciences of the Czech Republic, will be of much importance.

The charts attached are to document the basic parameters of scientific work at the First Faculty of Medicine, including the financial support for science from grant projects and also considering the personnel conditions of the Faculty.

### 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 2007 is displayed at the Faculty's website. The sum total of the subsidies in 2007 amounted up to CZK 487,000,000.



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



### INSTITUTIONAL RESEARCH CONCEPTS IMPLEMENTED IN 2007

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

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

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

Neuropsychiatric aspects of neurodegenerative conditions – Prof. MUDr. Evžen Růžička, DrSc.

The 2007 audit on current reports of the research concepts was favourable and the projects were evaluated in categories "A" and "B".

### Other institutional research concepts with participation of the Faculty staff (CZK 17,439,000)

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

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

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

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. MUDr. Aleš Žák, DrSc.

Pathophysiology of neuromental diseases and its clinical applications – Assoc. Prof. MUDr. Dana Marešová, CSc.

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

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

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



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

Survey of international projects solved at the Faculty in 2007

Name of 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)	6th Framework Programme
Translating molecular knowledge into early breast cancer management building on the BIG network for improved treatment tailoring - TRANSBIG	6th Framework Programme
Rational treatment strategies combating Mitochondrial Oxidative Phosphorylation Disorders (EUMITOCOM-BAT)	6th Framework Programme
European Mantle Cell Lymphoma Network: Translational determination of molecular prognostic factors and pharmacogenomics in a European interdisciplinary collaboration (MCL network)	6th Framework Programme
Measuring Health and Disability in Europe: supporting policy development (MHADIE)	6th Framework Programme
Closed Loop Insulin Infusion for Critically Ill Patients (CLINICIP)	6th Framework Programme
Dynamic Interactive Chemical Biology and Biomedicine (DYNAMIC)	6th Framework Programme
Improving Knowledge and Decision Support for Healthy Lifestyles (HEALTH PLUS)	6th Framework Programme
Neutralizing antibodies on Interferon beta in Multiple Sclerosis	6th Framework Programme
Towards the development of an effective enzyme replacement therapy for human Alpha-mannosidosis (HUEMAN)	6th Framework Programme
European Network for research on alternating hemiplegia in childhood for promoting SMEs integration (ENRAH)	6th Framework Programme
Co-ordination Action on Indoor Air Quality and Health Effects (ENVIE)	6th Framework Programme
Development of a European Measure of Best Practice for People with Long Term Mental Illness in Institutional Care (DEMoB)	6th Framework Programme
Individually Tailored Stepped Care for Women with Eating Disorders (INTACT)	6th Framework Programme
Older People's e-services at home (OLDES)	6th 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
Pilot study of the feasibility of recruiting kidney and lung cancer cases, in conjunction with the on-going multicentre case-control study of occupational cancer risk factors in central and Eastern Europe (IARC)	World Health Organization
Guidelines for the prevention of obesity at work place (GPOW)	PHEA
Information network on good practice in health care for migrants and minorities in Europe (MIGHEALTH-NET)	PHEA
Women in Europe against Lung Cancer and Smoking WELAS)	PHEA
European Register on Cushing's Syndrome (ERCUSYN)	PHEA
European Porphyria Network: providing better healthcare for patients and their families (EPNET)	PHEA
Best Practice in Promoting Mental Health in Socially Marginalized People in Europe (PROMO)	PHEA
Implementation of European Drug Addiction Prevention trial at a population level (EUDAP2)	PHEA

Basic parameters of scientific activity at the First Faculty of Medicine 2000–2007

Financial and personnel support							Publications and their impact						
Year	Grant funds allotted in thousands CKR	Number of grant projects incl. those submitted in GT Hospital and AH	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	specifically:						
							Mono-graphs and textbooks in Czech or English	Original expert and scientific publications and reviews	Original expert and scientific publications incl. reviews in journals with IF	Number of authors publishing in journals with IF	Total IF scores of the journals in which the publications occurred	Number of citations according to SCI	Number of authors quoted in SCI
2000	146,131	263 8	890.67 (+58.9)1/ (+80.5)2/	471	2,668	845	80	732	270	283	504.56	3,802	337
2001	177,743	298 8	840.23 (+51.4)1/ (+104.1)2/	541	3,268	969	106	964	287	356	769.61	4,720	411
2002	181,743	281 8	838.42 (+28.7)1/ (+112.9)2/	597	3,672	1,028	166	918	299	403	704.28	5,852	498
2003	203,899	285 8	863.9 (+34.87)1/ (+116.29)2/	657	4,622	822	110	1,022	345	449	855.8	7,123	420
2004	236,304	268 8	867.9 (+45.05)1/ (118.92)2/	780	3,945	781	213	992	293	461	756.1	9,710	647
2005	319,565	318 3	836.25 (+68.99)1/ (+197.47)2/	629	4,073	937	129	906	353	384	1160.8	10,979	541
2006	360,174	319 3	840.34 (98.97)1/ (+220.92)2/	878	4,545	1,453	156	977	415	555	1294.6	13,950	678
2007	355,500	313 4	833.56 (91.06)1/ (+270.46)2/	912									

1/ From grants

2/ From Institutional Research Concepts

## APPOINTMENT OF PROFESSORS AND ASSOCIATE PROFESSORS IN 2007

In 2007 the Scientific Board of the First Faculty of Medicine performed 13 procedures for appointment to professor posts. Of these, one procedure was suspended by the Scientific Board, and twelve were passed to the Rector's Office of Charles University. Of the latter, six were discussed by the Scientific Board of Charles University in Prague; all proposals were approved on and submitted to the Ministry of Education, Youth and Sports of the Czech Republic for further procedures. The President of the Czech Republic appointed 11 new professors, who had passed the procedures of appointment at the First Faculty of Medicine.

Further, the Scientific Board performed 18 habilitation procedures, of which one was suspended by the Scientific Board. By the Rector of Charles University, 17 Associate Professors were appointed in 2007 who had passed the habilitation procedures at the First Faculty of Medicine.

### PROCEDURES FOR APPOINTMENT TO PROFESSOR POSTS AT THE FIRST FACULTY OF MEDICINE OF CHARLES UNIVERSITY IN PRAGUE IN 2007

#### **Doc. MUDr. Michal Kršek, CSc.**

3<sup>rd</sup> Medical Department of the First Faculty of Medicine of Charles University and General Teaching Hospital  
Title of the lecture: Cushing syndrome  
Appointment procedure in the field of **Internal medicine**  
Scientific Board of the Faculty on 27 Feb 2007  
Scientific Board of the University on 25 Oct 2007

#### **Doc. MUDr. Zdeněk Krška, CSc.**

1<sup>st</sup> Surgical Department of the First Faculty of Medicine of Charles University and General Teaching Hospital  
Appointment procedure in the field of **Surgery**  
Title of the lecture: Laparoscopic surgery – scope and limits  
Scientific Board of the Faculty on 27 Mar 2007  
Scientific Board of the University on 27 Sep 2007

#### **Doc. MUDr. Hana Papežová, 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: Food intake disturbances – selected biopsychosocial factors. Interaction of research and clinical practice.  
Scientific Board of the Faculty on 27 Feb 2007  
Scientific Board of the University on 25 Oct 2007

#### **Doc. MUDr. Václav Hána, CSc.**

3<sup>rd</sup> 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: Growth hormone deficiency in adulthood  
Scientific Board of the Faculty on 27 Mar 2007  
Scientific Board of the University on 13 Dec 2007

#### **Doc. MUDr. Martin Bojar, CSc.**

Department of Neurology of the Second Faculty of Medicine of Charles University and Motol Teaching Hospital  
Appointment procedure in the field of **Neurology**  
Title of the lecture: Whipple disease – a disregarded multiorganic disorder  
Scientific Board on 24 Apr 2007  
*Proposal rejected – appointment procedure suspended by the Scientific Board*

#### **Doc. MUDr. Martin Haluzík, CSc.**

3<sup>rd</sup> 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: Importance of adipose tissue and its endocrine function in metabolic regulations  
Scientific Board of the Faculty on 27 Mar 2007  
Scientific Board of the University on 13 Dec 2007

#### **Doc. MUDr. Alexandra Jirkovská, CSc.**

Centre for Diabetology of the Institute for Postgraduate Medical Education  
Appointment procedure in the field of **Internal medicine**  
Title of the lecture: Diabetic foot syndrome – pathogenesis to practice  
Scientific Board of the Faculty on 24 Apr 2007  
Scientific Board of the University on 13 Dec 2007

#### **Doc. MUDr. Miroslav Zavoral, Ph.D.**

Medical Department of the First Faculty of Medicine of Charles University and Central Army Hospital  
Appointment procedure in the field of **Internal medicine**  
Title of the lecture: Screening of sporadic colorectal carcinoma in the Czech Republic  
Scientific Board of the Faculty on 24 Apr 2007  
Scientific Board of the University on 31 Jan 2008

#### **Doc. MUDr. Josef Vymazal, DSc.**

Department of Radiodiagnostics of the Hospital Na Homolce  
Appointment procedure in the field of **Radiology**  
Title of the lecture: Magnetic resonance imaging of the brain: clinical applications of experimental protocols  
Scientific Board of the Faculty on 26 June 2007  
Scientific Board of the University on 28 Feb 2008

#### **Doc. MUDr. Richard Plavka, CSc.**

Department of Gynaecology and Obstetrics of the First Faculty of Medicine of Charles University and General Teaching Hospital  
Appointment procedure in the field of **Gynaecology and obstetrics**  
Title of the lecture: Reducing the morbidity in neonates with extremely low body mass at birth: A hot problem in neonate care  
Scientific Board of the Faculty on 2 Oct 2007

**Doc. MUDr. Libor Víték, Ph.D., MBA**

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

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

Title of the lecture: Bilirubin and oxidation stress

Scientific Board of the Faculty on 2 Oct 2007

**Doc. MUDr. Ludmila Prokešová, CSc.**

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

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

Title of the lecture: Adjuvant mucosal immunization

Scientific Board of the Faculty on 27 Nov 2007

**Doc. MUDr. Zuzana Červinková, CSc.**

Institute of Physiology of the Medical Faculty of Charles University (in Hradec Králové)

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

Title of the lecture: Regeneration of the liver – Prometheus's mystery

Scientific Board of the Faculty on 27 Nov 2007

### PROCEDURES FOR APPOINTMENT TO ASSOCIATE PROFESSOR POSTS AT THE FIRST FACULTY OF MEDICINE OF CHARLES UNIVERSITY IN 2007

**MUDr. Petr Neužil, CSc.**

Department of Cardiology of the Hospital Na Homolce

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

Title of the lecture: Electroanatomical mapping and catheterizing ablation of ventricular tachycardia in patients following myocardial infarction

Scientific Board on 24 Apr 2007

*Appointed Associate Professor with the effect from 1 Oct 2007*

**MUDr. Marie Bartoňová, CSc.**

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

Appointment procedure in the field of **Stomatology**

Title of the lecture: Scope of prosthetic treatment in patients with cleft deformities

Scientific Board on 29 May 2007

*Appointed Associate Professor with the effect from 1 Nov 2007*

**MUDr. Pavel Vodvářka, Ph.D.**

Faculty of Health and Social Science of the University of Ostrava

Appointment procedure in the field of **Oncology**

Title of the lecture: Some biopsychosocial needs of patients with breast carcinoma

Scientific Board on 30 Jan 2007

*Appointed Associate Professor with the effect from 1 June 2007*

**MUDr. Petr Suchomel, Ph.D.**

Department of Neurosurgery of the First Faculty of Medicine of Charles University and Central Army Hospital Regional Hospital in Liberec

Appointment procedure in the field of **Neurosurgery**

Title of the lecture: Surgery in injuries of upper cervical vertebral column and cervico-cranial junction

Scientific Board on 30 Jan 2007

*Appointed Associate Professor with the effect from 1 July 2007*

**MUDr. Jaromír Mašata, CSc.**

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

Appointment procedure in the field of **Gynaecology and obstetrics**

Title of the lecture: Dynamic ultrasound investigation of lower urinary pathways – a complex method for monitoring the outcome of surgical treatment of stress bladder incontinence

Scientific Board on 30 Jan 2007

*Appointed Associate Professor with the effect from 1 June 2007*

**MUDr. Ondřej Šeda, Ph.D.**

Institute of Biology and Medical Genetics of the First Faculty of Medicine of Charles University and General Teaching Hospital

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

Title of the lecture: Functional and comparative genomics of metabolic syndrome

Scientific Board on 27 Feb 2007

*Appointed Associate Professor with the effect from 1 July 2007*

**MUDr. Roman Šmucler, CSc.**

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

Appointment procedure in the field of **Stomatology**

Title of the lecture: Therapeutic use of lasers in orofacial oncology

Scientific Board on 26 June 2007

*Proposal rejected – appointment procedure suspended by the Scientific Board*

**MUDr. Miroslav Zeman, CSc.**

4<sup>th</sup> 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: Diabetic dyslipidaemia, its importance and treatment

Scientific Board on 29 May 2007

*Appointed Associate Professor with the effect from 1 Nov 2007*

Appointment procedures passed in the Scientific Board (1995–2007)

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

**MUDr. Robert Jech, Ph.D.**

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

Appointment procedure in the field of **Neurology**

Title of the lecture: Central modulation of motion control in disorders of the extrapyramidal system

Scientific Board on 24 Apr 2007

*Appointed Associate Professor with the effect from 1 Oct 2007*

**MUDr. David Jahoda, CSc.**

1<sup>st</sup> Department of Orthopaedics of the First Faculty of Medicine of Charles University and Motol Teaching Hospital

Appointment procedure in the field of **Orthopaedics**

Title of the lecture: Treatment of infective complications of joint replacements

Scientific Board on 29 May 2007

*Appointed Associate Professor with the effect from 1 Nov 2007*

**MUDr. Ivan Landor, CSc.**

1<sup>st</sup> Department of Orthopaedics of the First Faculty of Medicine of Charles University and Motol Teaching Hospital

Appointment procedure in the field of **Orthopaedics**

Title of the lecture: Solution of bone defects of the acetabulum in total hip joint replacements

Scientific Board on 29 May 2007

*Appointed Associate Professor with the effect from 1 Nov 2007*

**MUDr. Ing. Daniel Smutek, Ph.D.**

3<sup>rd</sup> Medical Department of the First Faculty of Medicine of Charles University and General Teaching Hospital

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

Title of the lecture: Texture analysis in medical imaging

Scientific Board on 2 Oct 2007

*Appointed Associate Professor with the effect from 1 Feb 2008*

**MUDr. Jan Malík, CSc.**

3<sup>rd</sup> 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: Response of arteries to acute and chronic increase in sliding tension

Scientific Board on 30 Oct 2007

*Appointed Associate Professor with the effect from 1 Feb 2008*

**MUDr. Robert Lischke, Ph.D.**

3<sup>rd</sup> Surgical Department of the First Faculty of Medicine of Charles University and Motol Teaching Hospital

Appointment procedure in the field of **Surgery**

Title of the lecture: Transplantation of lungs in the Czech Republic

Scientific Board on 30 Oct 2007

*Appointed Associate Professor with the effect from 1 Feb 2008*

**MUDr. Michal Semrád, CSc.**

2<sup>nd</sup> Surgical Department of the First Faculty of Medicine of Charles University and General Teaching Hospital

Appointment procedure in the field of **Surgery**

Title of the lecture: Integrated procedures of the Cardiocentre of the General Teaching Hospital in treatment of coronary heart disease

Scientific Board on 27 Nov 2007

*Appointed Associate Professor with the effect from 1 Mar 2008*



*The book Laboratory diagnostics (by T. Zima et al., published at Galén, spol s r. o.) introduced by Prof. Václav Pačes, President of Academy of Sciences of the Czech Republic, and Prof. Jaroslav Blahoš, President of the Czech J. E. Purkinje Medical Society, in the beautiful old rooms of the New Town Hall. From the left: Prof. Václav Pačes, Prof. Richard Průša, Prof. Tomáš Zima, Prof. Petr Štern, Prof. Jaroslav Blahoš and Prof. Jaroslav Racek.*

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

<b>Specialty</b>	<b>Right to perform habilitation procedures</b>	<b>Right to perform procedures to appoint professors</b>
Anatomy	until 31 Oct 2011	until 31 Oct 2011
Clinical biochemistry	until 31 Oct 2011	until 31 Oct 2011
Dermatology and venereology	until 23 July 2012	until 23 July 2012
Forensic medicine	until 20 Oct 2011	until 20 Oct 2011
Gynaecology and obstetrics	until 18 Nov 2015	until 18 Nov 2015
Hygiene and epidemiology	until 31 Oct 2011	until 31 Oct 2011
Infectious diseases	until 31 Dec 2015	until 31 Dec 2015
Internal medicine	until 18 Nov 2015	until 18 Nov 2015
Medical biology	until 31 Oct 2011	until 31 Oct 2011
Medical biophysics	until 18 Nov 2015	until 18 Nov 2015
Medical chemistry and biochemistry	until 18 Nov 2015	until 18 Nov 2015
Medical genetics	until 31 Oct 2011	until 31 Oct 2011
Medical immunology	until 31 Oct 2011	until 31 Dec 2011
Medical informatics	until 20 Oct 2011	until 20 Oct 2011
Medical microbiology	until 31 Oct 2011	until 31 Oct 2011
Medical pharmacology	until 31 Oct 2011	until 31 Oct 2011
Medical physiology	until 18 Nov 2015	until 18 Nov 2015
Neurology	until 18 Nov 2015	until 18 Nov 2015
Neurosurgery	until 31 Oct 2011	until 31 Oct 2011
Occupational medicine	until 31 Dec 2015	until 31 Dec 2015
Oncology	until 20 Oct 2011	until 20 Oct 2011
Ophthalmology	until 18 Nov 2015	until 18 Nov 2015
Orthopaedics	until 18 Nov 2015	until 18 Nov 2015
Otorhinolaryngology	until 31 Oct 2011	until 31 Oct 2011
Paediatrics	until 31 Oct 2011	until 31 Oct 2011
Pathological physiology	until 31 Oct 2011	until 31 Oct 2011
Pathology	until 23 July 2012	until 23 July 2012
Psychiatry	until 31 Oct 2011	until 31 Oct 2011
Radiology	until 18 Nov 2015	until 18 Nov 2015
Sexology	until 15 Jan 2012	until 15 Jan 2012
Stomatology	until 23 July 2012	until 23 July 2012
Surgery	until 18 Nov 2015	until 18 Nov 2015
Urology	until 31 Dec 2015	until 31 Dec 2015

## 2006 BIBLIOGRAPHY

In this Annual Report we, traditionally, give a survey of the data collected and the statistics of particular types of documents, published in 2006. In the year 2006, the total number of 4,545 publications in the categories under the survey were published at the First Faculty of Medicine, which – compared to the year before – means a nearly 12 per cent increase. The number of authors from the Faculty who published increased by 516. At a time, the number of responses in citation according to the Science Citation Index (SCI) increased by 2,971 and the number of quoted authors from the Faculty increased by 137.

In journals with an impact factor (IF) 415 original and synoptic articles and studies were published. At these publications, 555 authors from the Faculty participated, and the total IF score of these publications is 685.2.

These publications include:

- 3 titles in a journal with IF at 51.296 (New England Journal of Medicine)
- 1 title in a journal with IF at 25.800 (Lancet)
- 6 titles in journals with IF between 14.299 and 10.119 (Current Opinion in Cell Biology, American Journal of Human Genetics, Gastroenterology, Blood, Lancet, Oncology, Hepatology)
- 15 titles in journals with IF between 9.002 and 7.371 (GUT – International Journal of Gastroenterology and Hepatology, EMBO Reports, Trends in Plant Science, Diabetes Care, Arthritis & Rheumatism, Journal of the American Chemical Society, PLoS Genetics, Cancer Research, Brain, Journal of the American Society of Nephrology)
- 22 titles in journals with IF between 6.883 and 5.032 (Arteriosclerosis, Thrombosis and Vascular Biology, Molecular and Cellular Biology, Clinical Cancer Research, Hypertension, International Review of Cytology, Journal of Biological Chemistry, Journal of Clinical Endocrinology & Metabolism, Annals of Rheumatic Diseases, Neurology, Free Radical Biology and Medicine, Journal of Virology, American Journal of Epidemiology, Endocrinology, Archives of Neurology, Sleep, Haematologica)

Arber, Nadir - Craig, J. E. - Špičák, Julius - Rácz, István - Dítě, Petr - Hajer, Jan - Zavoral, Miroslav et al.:

**Celecoxib for the Prevention of Colorectal Adenomatous Polyps.**

In: New England Journal of Medicine, USA, 0028-4793, 2006, 355, 9, pp. 885-895.  
gastroenterology. IF = 51.296 (2006)

Polman, Chris H. - O'Connor, Paul W. - Havrdová, Eva - Hutchinson, Michael - Kappos, Ludwig - Miller, David H. - Phillips, J. Theodore - Lublin, Fred D. - Giovannoni, Gavin - Wajgt, Andrzej et al.:

**A randomized, placebo-controlled trial of Natalizumab for relapsing multiple sclerosis.**

In: New England Journal of Medicine, USA, 0028-4793, 2006, 354, 9, pp. 899-910.  
neurology. IF = 51.296 (2006)

Yusuf, Salim - Mehta, Shamir R. - Chrolavicius, Susan - Afzal, Rizwan - Pogue, Janice - Grander, Christopher B. - Budaj, Andrzej - Aschermann, Michael - Bělohávek, Jan - The Fifth Organization to Assess Strategies in Acute Ischemic Syndromes Investigators OASIS-Study et al.:

**Comparison to fondaparinux and enoxaparin in acute coronary syndromes.**

In: New England Journal of Medicine, USA, 0028-4793, 2006, 354, pp. 1461-1476.  
cardiology. IF = 51.296 (2006)

Vencovský, Jiří - Huizinga, T. W.:

**Rheumatoid arthritis: the goal rather than the health-care provider is the key.**

In: Lancet, Great Britain, 0140-6736, 2006, 367, 9509, pp. 450-452.  
rheumatology. IF = 25.800 (2006)

Raška, Ivan - Shaw, Peter J. - Cmarko, Dušan:

**Structure and function of the nucleolus in the spotlight.**

In: Current Opinion in Cell Biology, Great Britain, 0955-0674, 2006, 18, 3, pp. 325-334.  
cell biology. IF = 14.299 (2006)

Hřebíček, Martin - Mrázová, Lenka - Seyrantepe, V. - Furane, S. - Roslin, N. M. - Nosková, Lenka - Hartmannová, Hana - Ivánek, Robert - Čížková, Alena - Poupětová, Helena - Sikora, Jakub - Uřinová, Jana - Stránecký, Viktor - Zeman, Jiří - Lepage, P. - Roquis, D. - Verner, A. - Ausseil, J. - Beesley, C. E. - Maire, I. - Poorhntuis, J. - van de Kamp, J. - Diggelen, O. P. - Wevers, R. A. - Hudson, T. J. - Fujiwara, T. M. - Majewski, J. - Morgan, K. - Kmoč, Stanislav - Pshezhetska, A. V.:

**Mutations in TMEM76\* cause mucopolysaccharidosis IIIC (Sanfilippo C syndrome)**

In: American Journal of Human Genetics, USA, 0002-9297, 2006, 79, 5, pp. 807-819.  
genetics. IF = 12.629 (2006)

Hanauer, S. B. - Sandborn, W. J. - Rutgeerts, P. - Fedorak, R. N. - Lukáš, Milan - MacIntosh, D. - Panaccione, R. - Wolf, D. - Pollock, P. F.:

**Human anti-tumor necrosis factor monoclonal antibody (adalimumab) in Crohn's disease: the CLASSIC-I trial**

In: Gastroenterology, USA, 0016-5085, 2006, 130, 2, pp. 323-332.  
gastroenterology. IF = 12.457 (2006)

Angeli, P. - Wong, F. - Watson, H. - Gines, P. - Castelpoggi, C. H. F. - Ferraz, M. L. - Bain, V. G. - Pomier-Layragues, G. B. - Milutinovic, S. - Rumboldt, Z. - Brůha, Radan - Hůlek, P. - Lata, J. - Guyader, D. - Mallat, A. - Fleig, W. - Gerbes, A. - Ujaszasy, L. - Pinzello, G. - Salerno, F. - Goh, K. L. - Lim, S.:

**Hyponatremia in cirrhosis: Results of a patient population survey.**

In: Hepatology, USA, 0270-9139, 2006, 44, 6, pp. 1535-1542.  
hepatology. IF = 10.446 (2006)

Popat, U. - Frost, A. - Liu, E. - Guan, Y. - Durette, A. - Reddy, V. - Prchal, Josef T.:



## Journals with the highest impact factors

Title	ISSN	Country	IF2006
New England Journal of Medicine	0028-4793	USA	51.296
Lancet	0140-6736	Great Britain	25.800
Current Opinion in Cell Biology	0955-0674	Great Britain	14.299
American Journal of Human Genetics	0002-9297	USA	12.629
Gastroenterology	0016-5085	USA	12.457
Hepatology	0270-9139	USA	10.446
Blood	0006-4971	USA	10.370
Lancet Oncology	1470-2045	USA	10.119
EMBO Journal	0261-4189	Great Britain	10.086
Gut - International Journal of Gastroenterology and Hepatology	0017-5749	Great Britain	9.002
Trends in Plant Science	1360-1385	Great Britain	8,000
Diabetes Care	0149-5992	USA	7.912
Arthritis & Rheumatism	0004-3591	USA	7.751
Journal of the American Chemical Society	0002-7863	USA	7.696
PLoS Genetics	1553-7390	USA	7.671
Cancer Research	0008-5472	USA	7.656
Brain	0006-8950	Great Britain	7.617
Journal of the American Society of Nephrology	1046-6673	USA	7.371
Arteriosclerosis, Thrombosis and Vascular Biology	1079-5642	USA	6.883
Molecular and Cellular Biology	0270-7306	USA	6.773
Clinical Cancer Research	1078-0432	USA	6.177
Hypertension	0194-911X	USA	6.007
International Review of Cytology	0074-7696	USA	5.988
Journal of Biological Chemistry	0021-9258	USA	5.808
Journal of Clinical Endocrinology and Metabolism	0021-972X	USA	5.799
Annals of Rheumatic Diseases	0003-4967	Great Britain	5.767
Neurology	0028-3878	USA	5.690
Free Radical Biology and Medicine	0891-5849	USA	5.440
Journal of Virology	0022-538X	Great Britain	5.341
American Journal of Epidemiology	0002-9262	USA	5.241
Endocrinology	0013-7227	USA	5.236
Archives of Neurology	0003-9942	USA	5.204
Sleep	0161-8105	USA	5.126
Haematologica	0390-6078	Italy	5.032

**High levels of circulating CD34 cells, dacrocytes, clonal hematopoiesis, and JAK2 mutation differentiate myelofibrosis with myeloid metaplasia from secondary myelofibrosis associated with pulmonary hypertension.**

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Total publishing output of the First Faculty of Medicine in 2000–2006

Type of document	POINTS	2000	2001	2002	2003	2004	2005	2006
primary specialist/scientific publications in journals with IF	7	228	268	297	324	271	328	389
primary specialist/scientific publications in journals without IF	2	623	712	657	597	716	731	570
synoptic articles / reviews in journals with IF	10	62	15	7	21	22	25	26
synoptic articles / reviews in journals without IF	2	374	235	266	311	276	275	407
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	29
case studies	1	42	31	39	44	47	51	51
primary articles in newspapers or popularizing scientific journals	0.2	102	85	60	101	114	1	60
other types of articles in scientific/professional journals	0.2	176	98	81	121	111	167	182
conference abstracts in scientific/professional journals with IF	2	151	271	319	298	309	359	441
biographic articles (anniversaries, obituaries) in scientific/professional journals	0.2	2	12	17	24	30	34	23
reports of conferences and professional association sessions in scientific/professional journals	0.2	22	26	29	26	33	34	41
letter to the editors in scientific/professional journals with IF	4	0	2	3	11	2	4	12
letter to the editors in scientific/professional journals without IF	0.5	11	5	6	9	8	74	7
publications in proceedings/collections, entries in Pharmindex, Repetitorium, Doporučené postupy in Czech/Slovak language	1	117	83	123	1,127	91	107	141
publications in proceedings/collections in other than Czech/Slovak language	2	80	60	68	71	61	57	49
chapters in monographs in Czech/Slovak language *)	5	177	206	213	184	296	424	324
chapters in monographs in other than Czech/Slovak language *)	10	22	28	24	21	38	15	23
monographs in Czech/Slovak language *)	5	60	64	55	61	52	61	55
monographs in other than Czech/Slovak language *)	10	3	0	1	0	2	6	3
textbooks, cyclopaedias, manuals, reference books, dictionaries, popularizing literature in Czech/Slovak language *)	5	63	52	114	45	120	21	94
textbooks, cyclopaedias, manuals, reference books, dictionaries, popularizing literature in other than Czech/Slovak language *)	10	3	1	0	4	39	2	4
patents and inventions	10	1	1	5	4	2	4	2
doctorate and professor degree dissertations and theses, MBA theses	2	3	18	11	23	12	10	11
scientific/educational presentations: audio, CD, film, video, DVD, 3D, multimedia, data file, SW, expert system, www-document	2	5	24	89	41	30	9	68
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	1,533
Total number of publications		2,668	3,268	3,672	4,622	3,945	2,811	4,545
Number of authors from the First Faculty of Medicine		845	969	1028	822	781	937	1,453
Total IF of publications in the category primary/synoptic article with IF		504.6	769.6	704.3	902.6	756.1	1,160.8	1,294.6
Number of authors from the First Faculty of Medicine, publishing in journals with IF		283	356	403	449	461	384	555
Number of quotations in SCI		3,802	4,720	5,852	7,150	9,710	10,979	13,950
Number of authors from the First Faculty of Medicine, quoted in SCI		337	411	498	420	647	541	678

Institution	N_biblio	BIB	SCI	IF	BIB+ +SCI+IF	Standing before conversion	Full-time positions	Converted per manpower	Standing by points converted per manpower
3rd Medical Department	1,070	540.18	2,079	190.90	2,810.08	1	38.80	72.42	5
Department of Rheumatology	581	197.23	994	71.01	1,262.24	2	2.80	450.80	1
2nd Medical Department	640	222.33	693	82.14	997.24	3	20.20	49.38	9
Department of Paediatrics & Adolescent Medicine	456	145.38	712	84.20	941.58	4	41.80	22.53	29
Institute of Pathological Physiology	145	127.49	681	74.75	883.25	5	31.10	28.40	18
Institute of Immunology and Microbiology	376	171.84	656	44.48	872.32	6	28.00	31.15	16
Department of Oncology	155	56.09	776	26.11	858.20	7	7.60	112.92	2
Institute of Biology and Medical Genetics	198	55.50	746	22.85	824.35	8	18.00	45.80	10
Institute of Anatomy	243	110.28	550	39.32	699.60	9	19.44	35.99	14
Department of Psychiatry	495	365.99	294	27.49	687.48	10	34.17	20.12	34
Institute of Inherited Metabolic Disorders	135	62.30	544	56.16	662.46	11	51.00	12.99	46
Department of Neurology	288	163.24	449	49.68	661.92	12	24.60	26.91	19
Department of Nephrology	337	112.86	437	40.05	589.90	13	7.85	75.15	4
4th Medical Department	435	133.34	382	55.28	570.61	14	25.30	22.55	28
Institute of Cell Biology and Pathology	60	38.18	394	65.73	497.91	15	14.40	34.58	15
Department of Gynaecology and Obstetrics	191	201.18	277	18.27	496.45	16	19.85	25.01	23
Institute of Medical Biochemistry	178	103.19	356	29.44	488.63	17	21.27	22.97	26
Institute of Clinical Biochemistry & Lab. Medicine	352	103.45	321	27.08	541.53	18	7.40	61.02	7
1st Medical Department	202	111.80	242	14.06	367.86	19	16.85	21.83	31
Medical Department at Central Army Hospital	78	41.88	221	35.77	298.65	20	3.80	78.59	3
Institute of Physiology	188	74.33	147	14.46	235.79	21	18.85	12.51	47
Institute of Hygiene and Epidemiology	150	89.21	125	19.07	233.28	22	8.90	26.21	20
3rd Dept. of Infectious & Tropical Diseases at TH Na Bulovce	146	63.42	145	23.58	232.00	23	13.10	17.71	35
Institute of General Medicine	48	60.21	150	1.47	211.67	24	2.95	71.75	6
Department of Geriatrics	80	88.58	101	1.45	191.02	25	3.50	54.58	8
Department of Occupational Diseases	214	109.31	70	10.24	189.55	26	4.80	39.49	12
Institute of Pharmacology	107	81.01	78	20.34	179.35	27	7.75	23.14	24
Institute of Biophysics and Informatics	50	34.08	126	14.75	174.82	28	16.85	10.38	53
Institute of Biochemistry & Experimental Oncology	100	34.65	112	13.18	159.83	29	14.75	10.84	52
Department of Neurosurgery at Central Army Hospital	171	71.69	76	6.31	154.00	30	5.95	25.88	21
Department of Urology	281	59.77	82	8.31	150.08	31	6.90	21.75	32
Research Institute of Stomatology	153	39.22	95	5.72	139.94	32	3.45	40.56	11
Institute for History of Medicine and Foreign Languages	56	118.28	17	0.00	135.28	33	12.20	11.09	50
Department of Stomatology	195	74.52	36	4.59	115.11	34	21.80	5.28	60
Department of Orthopaedics at Motol TH	76	37.15	67	7.23	111.38	35	6.60	16.88	38
Department of Dermatology and Venereology	73	81.77	25	4.39	111.16	36	5.50	20.21	33

Dept. of Gynaecology & Obstetrics at TH Na Bulovce	91	40.56	52	17.94	110.50	37	3.80	29.08	17
Institute of Pathology	51	23.56	71	12.89	107.46	38	9.65	11.14	49
Dept. of ENT and Head & Neck Surgery at Motol TH	164	30.57	65	2.07	97.64	39	6.35	15.38	41
Institute of Sexology	54	58.76	27	7.32	93.08	40	4.10	22.70	27
Department of Ophthalmology	193	58.23	27	3.27	88.50	41	5.50	16.09	40
1st Department of Tuberculosis and Respiratory Diseases	44	39.28	21	22.83	83.10	42	3.60	23.08	25
Department of Radiodiagnosics	136	38.64	32	7.50	78.15	43	4.55	17.17	37
1st Surgical Department	146	38.45	36	0.52	74.97	44	12.95	5.79	59
Institute of Humanitarian Studies in Medicine	42	65.72	7	0.55	73.28	45	7.60	9.64	54
Institute of Nuclear Medicine	46	28.50	41	1.69	71.19	46	6.45	11.04	51
Institute of Histology and Embryology	50	22.97	48	0.00	70.97	47	11.60	6.12	58
Department of Anaesthesiology and Resuscitation	80	29.96	13	23.94	66.90	48	4.50	14.87	42
3rd Surgical Department at Motol TH	51	18.78	39	2.47	60.24	49	9.15	6.58	56
Department of Orthopaedics at TH Na Bulovce	15	7.74	50	1.95	59.69	50	4.20	14.21	43
Surgical Department at Thomayer TH	58	15.84	40	3.57	59.41	51	2.30	25.83	22
2nd Surgical Department	104	27.14	11	15.47	53.62	52	4.00	13.40	45
Institute of Forensic Medicine and Toxicology	14	16.32	29	7.74	53.05	53	6.10	8.70	55
Institute of Sports Medicine	38	30.31	14	6.40	50.70	54	3.60	14.08	44
Department of Paediatrics at Thomayer TH	37	10.57	29	6.25	45.83	55	2.60	17.63	36
Institute of Clinical & Experimental Haematology	62	30.79	0	13.74	44.53	56	1.20	37.11	13
Department of Pneumology at Thomayer TH	66	20.87	18	4.94	43.81	57	1.95	22.47	30
Institute of Nursing Theory and Practice	31	43.27	0	0.00	43.27	58	8.85	4.89	61
Department of Rehabilitation Medicine	28	28.82	3	0.14	31.95	59	9.30	3.44	65
Institute of Radiation Oncology at TH Na Bulovce	25	12.37	6	9.71	28.08	60	1.70	16.52	39
Institute of Social Medicine and Public Health	28	17.03	5	0.00	22.03	61	5.40	4.08	63
Department of Phoniatics	35	10.21	5	0.00	15.21	62	3.30	4.61	62
Department of Ophthalmology	13	11.40	0	0.00	11.40	63	1.80	6.33	57
Department of Plastic Surgery at TH Na Bulovce	1	8.50	0	0.00	8.50	64	2.25	3.78	64
Surgical Department at TH Na Bulovce	79	3.85	3	0.00	6.85	65	3.85	1.78	67
Dept. of Anaesthesiology and Resuscitation at Thomayer TH	16	5.43	0	0.00	5.43	66	1.80	3.02	66
Department of Radiodiagnosics at TH Na Bulovce	24	3.77	0	0.00	3.77	67	2.20	1.71	68
Medical Department at Strahov	10	1.70	2	0.00	3.70	68	0.30	12.33	48
	10,535	4,980.83	13,950	1,382.76			773.63		

N\_biblio - total (number of identifiable data base items /publications/ with contribution by at least one NS author) for all NS authors  
 IF, BIB, SCI, IF+BIB+SCI - points in the category; standings by the number of points in the given category  
 Number of full/time positions - data obtained from the Personnel Dept of the Faculty, by 31 Dec 2006

## HIRSCH INDEX

Hirsch index (or h-index) is the latest of all indices that evaluate scientific activity. It enables for an alternative way in evaluation of scientific work, i.e. the author's or institution's individual scientific efficiency. The h-index is not so easy to distort by auto-citations. Its informative value, however, is limited by the fact that it only allows for approximate assessment: one single figure cannot express the complex scientific work. Some of the reasons are the following:

- It is more suitable for more "grown-up" researchers, such as professors and postgraduates.
- It depends of the field of science (an average publication in molecular biology is quoted more often than that in mathematics).
- H-indices of people who work in too different fields cannot be automatically compared.

*The h-index of publications recorded on Web of Science is equal to the standing of the publication on the list with the descending order according to the number of citations, in which the number of citations is equal to or higher than its standing.*

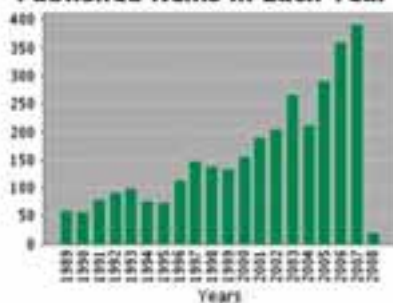
The First Faculty of Medicine uses the h-index for presentation of its professional and scientific staff. Its value is increasing. In 2007, calculation of the h-index became a routine service of the Institute of Scientific Information of the First Faculty of Medicine of Charles University. At the web page of the Institute (<http://uvi.lf1.cuni.cz>) an updated presentation is displayed with the instruction for making own calculations.

**The h-index of the First Faculty of Medicine by 31<sup>st</sup> December 2007 is h = 46.**

### Citation Report Address="charles uni/" AND Address="1st med fac" OR Address="fac med T" TimeSpan=1945-2009, Databases=SCIE,SPANDED,SSCI,ASHCI

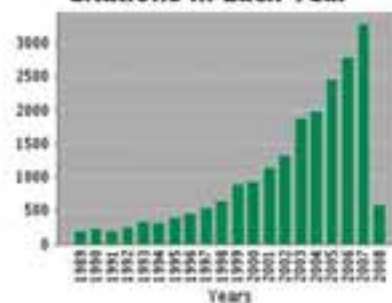
This report reflects citations to source items indexed within Web of Science. Perform a Cited Reference Search to include citations to items not indexed within Web of Science.

#### Published Items in Each Year



The latest 20 years are displayed.  
View a graph with all years.

#### Citations in Each Year



The latest 20 years are displayed.  
View a graph with all years.

Results found: 3,229

Sum of the Times Cited [?]: 22,021  
View Citing Articles  
View without self-citations  
Average Citations per Item [?]: 5.66  
h-index [?]: 46

Source: ISI Web of Knowledge™



H-index of the First Faculty of Medicine of Charles University in Prague (by 31 Dec 2007)

	NS	Name	h-index WoS
1.	180	Prchal, J.T.	37
2.	650	Martásek, Pavel	36
3.	160	Pravenec, Michal	29
4.	530	Štěpán, Jan J.	27
5.	160	Křen, Vladimír	27
8.	351	Říhová, Blanka	23
6.	110	Halata, Zdeněk	22
7.	130	Krejčí, Ivan	22
10.	401	Raška, Ivan	21
9.	351	Tlaskalová-Hogenová, Helena	20
11.	130	Hynie, Sixtus	20
12.	400	Elleder, Milan	20
13.	400	Houštěk, Josef	20
14.	520	Horký, Karel	17
15.	110	Smetana, Karel	16
16.	530	Haluzík, Martin	16
17.	110	Grim, Miloš	15
18.	530	Pacovský, Vladimír	15
19.	530	Schreiber, Vratislav	15
36.	410	Zima, Tomáš	15
37.	511	Tesař, Vladimír	15
20.	130	Kraml, Jiří	14
21.	160	Křenová, Drahomíra	14
22.	180	Nečas Emanuel	14
23.	400	Kožich, Viktor	14
24.	410	Michalová, Kyra	14
25.	600	Nevšímalová-Brůhová, Soňa	14
26.	610	Zvolský, Petr	14
27.	641	Pavelka, Karel	14
28.	850	Nohýnková, Eva	14
29.	110	Sedmera, David	13
30.	130	Hlišák, Zdeněk	13
31.	130	Křepela, Evžen	13
32.	160	Otová, Berta	13
33.	200	Bencko, Vladimír	13
34.	401	Bednár, Jan	13
35.	410	Šmíd, František	13
38.	530	Marek, Josef	13
39.	530	Škrha, Jan	13
40.	861	Frič, Přemysl	13
41.	150	Trojan Stanislav	12
42.	160	Bílá, Vlasta	12
43.	351	Stejskalová, Věra	12
44.	520	Aschermann, Michael	12
45.	650	Zeman, Jiří	12
46.	850	Kolářová, Libuše	12
47.	130	Štípek, Stanislav	12
48.	110	Druga, Rastislav	11
49.	110	Petrovický, Pavel	11
50.	150	Mourek Jindřich	11
51.	180	Kornalík, František	11
52.	180	Stopka, Tomáš	11
53.	190	Farghali, Hassan	11
54.	191	Čermák, Jaroslav	11
55.	310	Povýšil, Ctibor	11
56.	351	Prokešová, Ludmila	11
57.	400	Hřebíček, Martin	11
58.	400	Ledvinová, Jana	11
59.	410	Jirsa, Milan	11
60.	510	Michalová, Kyra	11
61.	520	Linhart, Aleš	11
62.	530	Hradec, Jaromír	11
63.	641	Vencovský, Jiří	11
64.	110	Dvořánková, Barbora	10
65.	400	Kostrouch, Zdeněk	10
66.	400	Kmoch, Stanislav	10
67.	510	Neuwirtová, Radana	10
68.	511	Vitko, Štefan	10
69.	530	Češka, Richard	10
70.	530	Kršek, Michal	10
71.	650	Klement, Petr	10
72.	130	Crkovská, Jiřina	9
73.	130	Flegel, Martin	9
74.	130	Pláteník, Jan	9
75.	140	Borovanský, Jan	9
76.	140	Šedo, Aleksi	9
77.	150	Langmeier, Miloš	9
78.	170	Poučková, Pavla	9
79.	190	Lincová-Schusterová, Dagmar	9
80.	190	Perlík, František	9
81.	400	Befekadu, Asfaw Debela	9
82.	400	Janošík Miroslav	9
83.	410	Kalousová, Marta	9
84.	410	Zemanová, Zuzana	9
85.	641	Gatterová, Jindřiška	9
86.	790	Cibula, David	9
87.	110	Plzák, Jan	8
88.	110	Plzáková, Zuzana	8
89.	130	Navrátil, Tomáš	8
90.	140	Matouš, Bohuslav	8
91.	150	Pokorný, Jaroslav	8
92.	160	Kohoutová, Milada	8
93.	170	Novotný, Josef	8
94.	170	Vítek, František	8
95.	180	Kučerová, Zdenka	8
96.	180	Vokurka, Martin	8
97.	180	Živný, Jan	8
98.	330	Fuksová, Květa	8
99.	351	Holada, Karel	8

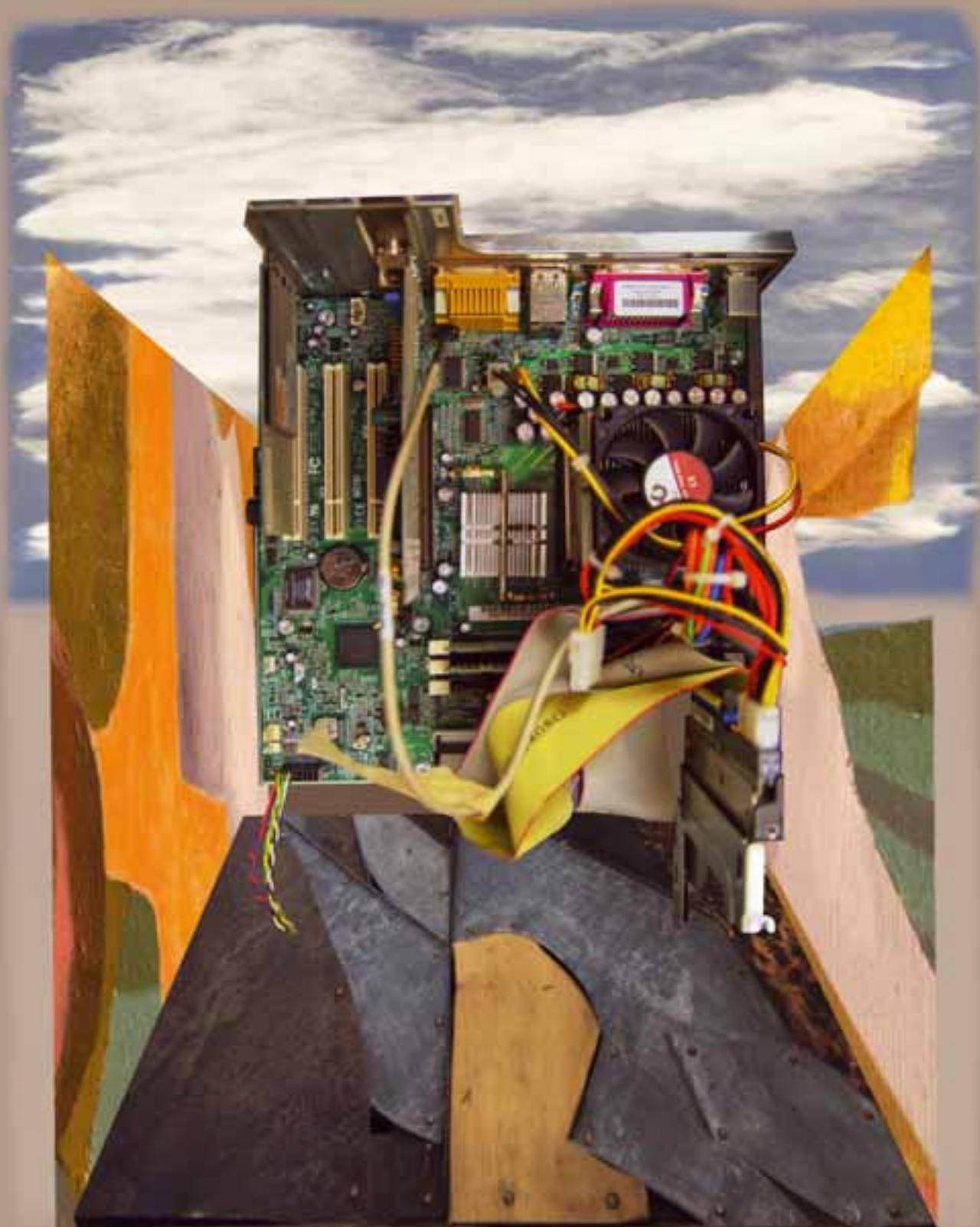
100.	351	Julák, Jaroslav	8
101.	351	Mělková, Zora	8
102.	351	Souček, Andrej	8
103.	360	Balíková, Marie	8
104.	401	Cmarko, Dušan	8
105.	433	Matějovský, Zdeněk	8
106.	510	Klener, Pavel	8
107.	510	Kvasnička, Jan	8
108.	530	Broulík, Petr D.	8
109.	530	Hána, Václav	8
110.	530	Widimský, Jiří	8
111.	540	Tvrzická, Eva	8

112.	600	Růžička, Evžen	8
113.	600	Jech, Robert	8
114.	610	Papežová, Hana	8
115.	630	Petruželka, Luboš	8
116.	641	Dostál, Ctibor	8
117.	650	Hansíková, Hana	8
118.	760	Bártová, Jiřina	8
119.	760	Bradna, Pavel	8
120.	790	Fanta, Michael	8
121.	790	Živný, Jaroslav	8
122.	861	Mareček, Zdeněk	8



Opening the exhibition *Anatomical illustration* at the New Town Hall. In the foreground, the Dean of the First Faculty of Medicine Prof. Tomáš Zima and the artists, Mr. Jan Kacvinský (from the left) and Mr. Ivan Helekal.

# THE INSTITUTE OF SCIENTIFIC INFORMATION



## REPORT OF ACTIVITIES OF THE INSTITUTE OF SCIENTIFIC INFORMATION

For the Institute of Scientific Information of the First Faculty of Medicine of Charles University, 2007 was a very demanding year. The basic activities of the Institute, aimed at promotion of education and scientific research, were performed under more difficult conditions than usual. In February 2007 nearly all the activities had to be transferred to the former resource room and the rear section of the building of the Dean's Office at 3 Na Bojišti. The reason was the first stage of reconstruction at 32 Kateřinská, which was started. The original entry to the library was closed, and the resource room has to serve as a workplace for the library specialist staff of the Institute. The entrance hallway, which had served as a students' PC access room, is now used as the in-loan room of the reference library. A makeshift resource room was established in room S3 in the basement. These limitations in space will last until the reconstruction of the premises at 32 Kateřinská is completed, where the whole Institute is to be transferred. Even in spite of these limitations we managed to provide all the services in the scope required.

Another radical change was the implementation of the ALEPH 500 system in August 2007. At the Institute of Computer Technology of Charles University, all the staff members of the Institute completed a training course for the module they were to work with and received the needed certificate to work with the system. This is a new generation system, which is to contribute to the introduction of the Central Librarian Information System of the University. The system has brought some advantage for both the library users (24/7 access to information, wherever it might be placed physically) and the library staff. It enables for co-operative cataloguing, building up the central data base of authorities, supports the national MARC 21 standard for loading and exchanging records between libraries and implementation of the MeSH medical thesaurus. For the users it enabled the on-line control of their library account (including on-line prolongation of loans and reservation of documents).

Since January 2007 the SafeQ system for printing and copying services at the Faculty has been implemented in co-operation with the Department of Computer Technology. Students can use their Charles University student's ID cards to cover the expenses for these services in the library of the Institute and in the computer rooms.

New development was seen in 2007 in the sphere of electronic information resources. The information on the access to the present and just purchased electronic information resources is available at the web pages of both the Institute and the Faculty. In 2007 the e-collection was enriched with some medical data bases (Primal Pictures, LWW Current Opinion Collection, Evidence Matters, etc.) thanks to the project of Central Library of Charles University and the management of the General Teaching Hospital. 2007 was also the first year of operation of remote access to data bases through the Onelog system.

Our Section of Bibliographic Information prepared a series of seminars about the Hirsch index and its practical use at the First Faculty of Medicine. A radical step was taken towards the implementation of KOBIS, the new software to collect details of publishing activities of the Faculty staff members. This system should be ready for use for publications issued from 2008 on.

The employees of the Institute take part in undergraduate education of students of the First Faculty of Medicine in the sphere of computer literacy. They also prepare afternoon seminars on issues of data collection, sharing and utilization of information resources for those Faculty staff who may be interested.

The section of teaching materials focused on development of photographic services. New equipment – a powerful computer together with new digital photographic technology – enabled a dramatic improvement in photographic documentation of the life at the Faculty. One of the big events before the turn of the year was the obtaining of photographs of the academic community and the Faculty management for the picture board on the occasion on the 660<sup>th</sup> anniversary of Charles University in Prague.

## Basic data of the library

Acquisition of the library collection in 2005	4,116
Total library collection	271,905
Number of titles of periodicals taken	211
• electronic titles *	28,160
Total opening hours per week	45.5
Number of units loaned out	113,829
Number of users of ISI	5,505
Number of users' seats in the resource room	20
Number of volumes freely accessible	0

\* Acquisition and library collection figures only given for the Faculty

\*\* Electronic periodicals activated by subscription, exchange or donation, consorcial titles

## Structure of financial resources

	2007	2006	2005	2004	2003
Faculty budget	687,696	1,037,611	890,506	579,562	768,400
Special subsidies	2,285,088	2,759,515	2,761,971	2,500,813	2,867,500
Sponsoring & donations	32,994	130,331	119,821	293,128	125,800
Other resources	607,346	2,829	6,886	53,213	17,156
<b>Total</b>	<b>3,613,124</b>	<b>3,930,286</b>	<b>3,779,184</b>	<b>3,426,716</b>	<b>3,778,856</b>

## Number of inter-library and international loans executed

	2007	2006	2005	2004	2003
Inter-library – lent	634	528	758	740	716
Inter-library – borrowed	858	1,074	1,298	991	786
International – borrowed	225	218	102	64	71
<b>Total</b>	<b>1717</b>	<b>1,820</b>	<b>2,158</b>	<b>1,795</b>	<b>1,573</b>

## Number of photocopies provisioned

2007	2006	2005	2004	2003
119 879	114 807	162 000	188 000	157 000



Granting the honorary Doctor degree to Prof. Ueli Aebi (in the upper row, the second from the left) in the Great Hall of the renowned old Karolinum.

## LIST OF MONOGRAPHS AND TEXTBOOKS BY AUTHORS FROM THE FIRST FACULTY OF MEDICINE, PUBLISHED IN 2007 (BY RESPECTIVE PUBLISHERS)

### Galén

BALÍKOVÁ, Marie. *Forenzní a klinická toxikologie* [Forensic and clinical toxicology]. 2<sup>nd</sup> revised ed. Prague: Galén, 2007. 140 pp. ISBN 978-80-7262-284-9

BROULÍKOVÁ, Alena; BULVAS, Miroslav; KARETOVÁ, Debora (eds.). *Angiologie 2007* [Angiology 2007]. Prague: Galén, 2007. 105 pp. Trendy soudobé angiologie. Vol.2. ISBN 978-80-7262-464-5

DÍTĚ, Petr et al. *Vnitřní lékařství* [Internal medicine]. 2<sup>nd</sup> suppl. and revised ed. Prague: Galén, 2007. 586 pp. ISBN 978-80-7262-496-6

DOLEŽAL, Antonín; KUŽELKA, Vítězslav; ZVĚŘINA, Jaroslav. *Europe as the Cradle of Scientific Obstetrics*. Prague: Galén, 2007. 83 pp. ISBN 978-80-7262-507-9

DOLEŽAL, Antonín. *Lékařský slang a úsloví* [Medical slang and sayings]. Prague: Galén, 2007. 162 pp. ISBN 978-80-7262-487-4

KITTNAR, Otomar; TROJAN, Stanislav (eds.). *155 let Fyziologického ústavu v Praze* [155 years of the Institute of Physiology in Prague]. Prague: Galén, 2007. 129 pp. ISBN 978-80-7262-495-9

KOLOMBO, Ivan; HANUŠ, Tomáš; PORŠ, Jaroslav et al. *Infekce močových cest pro praktické lékaře a specialisty* [Urinary tract infections for general practitioners and specialists]. Prague: Galén, 2007. 281 pp. , CD. ISBN 978-80-7262-445-4

LINCOVÁ, Dagmar; FARGHALI, Hassan et al. *Základní a aplikovaná farmakologie* [Basic and applied pharmacology]. 2<sup>nd</sup> revised and suppl. ed. Prague: Galén, 2007. 672 pp. ISBN 978-80-7262-376-0

MARKOVÁ, Eva (ed.). *Dny Marty Staňkové IV* [Marta Staňková Days IV]. Prague: Galén, 2007. 103 pp. ISBN 978-80-7262-495-9

NEVŠÍMALOVÁ, Soňa; ŠONKA, Karel et al. *Poruchy spánku a bdění* [Sleep and vigilance disturbances]. 2<sup>nd</sup> suppl. and revised ed. Prague: Galén, 2007. 345 pp. ISBN 978-80-7262-500-0

PIDRMAN, Vladimír (ed.). *Deprese z různých úhlů pohledu II* [Depression in various aspects]. Prague: Galén, 2007. 180 pp. ISBN 978-80-7262-474-4

ROZSÍVAL, Pavel (ed.) *Trendy soudobé oftalmologie* [Trends in modern ophthalmology]. Prague: Galén, 2007. 325 pp. Svazek 4. ISBN 978-80-7262-470-6

ZAMRAZIL, Václav; PELIKÁNOVÁ, Terezie et al. *Akutní stavy v endokrinologii a diabetologii* [Acute conditions in endocrinology and diabetology]. Prague: Galén, 2007. 177 pp. ISBN 978-80-7262-478-2

### Karolinum

BENEŠ, Jiří; STRÁNSKÝ, Pravoslav; VÍTEK, František. *Základy lékařské biofyziky* [Basics of medical biophysics]. 2<sup>nd</sup> revised ed. Prague: Karolinum, 2007. 201 pp. ISBN 978-80-246-1386-4

FIALOVÁ, Daniela. *Specifické rysy geriatrické farmakoterapie I: změna terapeutické hodnoty léků ve stáří* [Specific features of geriatric pharmacotherapy I: change of therapeutic value of medications in elderly age]. Prague: Karolinum, 2007. 90s. ISBN 978-80-246-1353-6

KITTNAR, Otomar. *Nárys fyziologie člověka* [An outline of human physiology]. Prague: Karolinum, 2007. 96 pp. Book IV B. Fyziologie vylučovací soustavy. ISBN 978-80-246-1390-1

ŠEJVL, Jaroslav et al. *Vybrané kapitoly z adiktologie: fatální předávkování uživatelů nelegálních drog* [Selected chapters of addictology: fatal overdose in illegal drug users]. Prague: Karolinum, 2007. 151 pp. ISBN 978-80-246-1349-9

ŠPUNDA, Miloslav; DUŠEK, Jaroslav et al. *Zdravotnická informatika* [Medical informatics]. Prague: Karolinum, 2007. 194 pp. ISBN 978-80-246-1378-9

VÍTEK, František. *Lectures on Medical Biophysics*. 2<sup>nd</sup> ed. Prague: Karolinum, 2007. 132 pp. ISBN 978-80-246-1409-0

WEBEROVÁ, Blažena; KUŽELOVÁ, Barbara; KYBICOVÁ, Hana. *English for medical students*. 2<sup>nd</sup> ed. Prague: Karolinum, 2007. 130 pp. ISBN 80-7184-732-1

### Koedice Galén – Karolinum

KOZLER, Petr et al. *Intrakraniální nádory* [Intracranial tumours]. Prague: Galén – Karolinum, 2007. 277 pp. ISBN 978-80-7262-452-2, ISBN 978-80-246-1323-9

MOKROŠOVÁ, Ivana; NEKOLOVÁ, Věra; HRUBANTOVÁ, Leopoldina. *Lékařská čeština* [Medical Czech]. Prague: Galén – Karolinum, 2007. 240 pp. ISBN 978-80-7262-092-0, ISBN 978-80-246-0243-1

POVÝŠIL, Ctibor; ŠTEINER, Ivo et al. *Speciální patologie* [Special pathology]. 2<sup>nd</sup> suppl. and revised ed. Prague: Galén – Karolinum, 2007. 430 pp. ISBN 978-80-7262-494-2, ISBN 80-246-1442-7

ŠVÁB, Jan. *Náhlé příhody břšní* [Sudden abdominal episodes]. Prague: Galén – Karolinum, 2007. 205 pp. ISBN 978-80-7262-485-0, ISBN 978-80-246-1394-9

TOŠENOVSKÝ, Patrik; ZÁLEŠÁK, Bohumil. *Trofické defekty dolních končetin* [Trophic defects of lower extremities]. Prague: Galén – Karolinum, 2007. 208 pp. CD. ISBN 978-80-7262-439-3, ISBN 978-80-246-1324-6

ZIMA, Tomáš et al. *Laboratorní diagnostika* [Laboratory diagnosis]. 2<sup>nd</sup> suppl. and revised ed. Prague: Galén – Karolinum, 2007. 728 pp. ISBN 978-80-7262-372-3, ISBN 978-80-246-1423-6

ŽIVNÝ, Jaroslav et al. *Gynekologie a porodnictví* [Gynaecology and obstetrics]. 2<sup>nd</sup> suppl. and revised ed. Prague: Galén – Karolinum, 2007. 376 pp. Testy. ISBN 978-80-7262-456-0, ISBN 978-80-246-1322-2

#### Medical Tribune

*Medical Tribune Pharmindex brevií 2007*. Diabetologie, obezitologie [Medical Tribune Pharmindex 2007 breviary: Diabetology, obesitology]. Prague: Medical Tribune, 2007. 191, 606 pp. ISBN 978-80-903708-6-9

*Medical Tribune Pharmindex brevií 2007*. Gastroenterologie [Medical Tribune Pharmindex 2007 breviary: Gastroenterology]. Prague: Medical Tribune, 2007. 145, 691 pp. ISBN 978-80-903708-8-3

#### Joint edition by Galén and Medical Tribune

HERMAN, Erik; PRAŠKO, Ján; SEIFERTOVÁ, Dagmar (eds.). *Konziliární psychiatrie* [Counselling psychiatry]. Prague: Medical Tribune – Galén, 2007. 604 pp. ISBN 978-80-903708-9-0, ISBN 978-80-7262-498-0

#### Grada

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*The ecumenical service at the Holy Trinity church at Podskálí – requiem mass for donors of bodies for anatomical studies.*

# INTERNATIONAL RELATIONS



## INTERNATIONAL RELATIONS

Nowadays the medical research as well as therapeutic and preventive activities shift still more to the level of multidisciplinary co-operation, exceeding not only the scope of a single university but even the national compass. This is the reason why the international relations of the First Faculty of Medicine gain greater extent and importance. Exchange programmes as well as one-off events are implemented on the contractual basis according to agreements of Charles University or the First Faculty of Medicine, but still more often on a less formal basis within international co-operation of particular institutes and departments of the Faculty. Our partners include a great number of universities and scientific institution abroad, both in Europe and overseas. More and more intensive is the development of co-operation with Asian partners as well. A new aspect is co-operation with some African countries, the first contacts for which are being tied up.

At the level of education, co-operation takes place in the form of bilateral educational activities, undergraduate as well as postgraduate. The proportion of lectures given by foreign specialists at the First Faculty of Medicine, conferences and meetings organized by its units but also by medical professional associations in co-operation with the Faculty increases. A considerable asset to the Faculty's renown is our teachers' activity at universities abroad, not just in the form of scholar-

ships any more but increasingly in the role of lecturers and experts in those fields where the Faculty takes a prominent position in the world.

### International student exchange and stays abroad

Among the medical faculties of Charles University, the First Faculty of Medicine offers the widest range of international stays and fellowships. Within the SOCRATES/ERASMUS programme, 121 our students altogether travelled abroad in 2006-2007. The incoming students were 69 in number. For the academic year 2007-2008, the total number of 69 bilateral agreements were signed or prolonged with partners abroad within the Socrates/Erasmus (or now rather LLP/Erasmus) programme; the planned figures are 138 students travelling abroad and 82 incoming students. Considering just the calendar year 2007, then the number of students leaving abroad for periods between 3 and 10 months – 160 in total – beat the record, and the number of incoming students rose to 102. Within the respective teachers' mobility programme eight members of the academic staff travelled abroad.

Under the other schemes, such a Ceepus or Mobility and Inter-university Exchange Fund, a score of our students travelled abroad, and another 13 received the recommendation from the Faculty management which would enable them to



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study at foreign universities as “free movers” and get a subsidy to cover part of their expenses from the Council of Mobility Fund at the Rector’s Office of Charles University. Twelve students from abroad took individual stays to study at the First Faculty of Medicine.

Especially for postgraduate students, a chance opens to obtain some support of international fellowships and stays from the own mobility fund of Charles University. In spite of certain restriction it is still a significant contribution, which enables our students and teachers to cover part of the expenses connected with their fellowships and professional or scientific projects.

Another considerable factor that enables the development of international contacts and stays of our students is the activity of IFMSA and the placements organized by this association. The Faculty tries to improve this co-operation through simplifying the administrative procedures. We continue trying to get more funds for financial support of the programme. Under the IFMSA scheme, 37 international students were received for one-month stays at the units of the First Faculty of Medicine, and 39 our students were received abroad. They travelled to European countries, such as Great Britain, Estonia, Rumania, France, Iceland, Turkey, Russia, Armenia, Greece, Portugal, Sweden, Malta, Italy, Spain, Poland, Serbia, Lithuania and Belgium, but also overseas – to Mexico,

ERASMUS programme at the First Faculty of Medicine

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	69	118	64
2007–2008 plan	82 (incl. 65 already studying)	138 (incl. 67 already gone)	69

Brazil, Argentina, Egypt, Tunisia, Sudan, Ghana, Canada, Taiwan, Indonesia and Chile.

In collaboration with the Austrian Lions Club Wien, led by Prof. Herbert Ehringer, nine students of the First Faculty of Medicine were able to take summer practical placements in Austrian hospitals. This has been performed since 2004, and the stay expenses of selected students are still sponsored by the Austrian part.

Information of new bilateral contacts as well as of the scope of placements and exchange programmes can be obtained at the Faculty web pages and is regularly updated.

#### Scientific and reseach co-operation

In the sphere of science, co-operation with quite a number of institutions worldwide, whose list is given in Chart on pages 94–95, 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 promoting 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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Survey of Partner and Co-operator Universities and Their Institutions  
(source – annual reports of the Faculty departments and institutes)

School	Country
Alexandra Hospital for Children, Sydney	Australia
University of Sydney, Faculty of Medicine	Australia
Herzchirurgie Landesklinikum, St. Pölten	Austria
Landesklinikum Thermenregion, Mödling	Austria
Medical University of Graz	Austria
Medical University of Linz	Austria
Medical University of Vienna	Austria
University of Vienna	Austria
University Hospital, Innsbruck	Austria
Institute Jules Bordet, Brussels	Belgium
St. Pierre Para-University Hospital	Belgium
University Hospital, Leuven	Belgium
University of Antwerpen, Antwerp University Hospital	Belgium
University of Sao Paulo	Brazil
Université de Montreal	Canada
University of Manitoba, Winnipeg	Canada
University of Toronto	Canada
University Hospital, Copenhagen	Denmark
University of Copenhagen	Denmark
University of Aarhus	Denmark
Hôpital Européen Georges Pompidou, Paris	France
Clinique St. Germain, Brive la Gaillarde	France
Hôpital Cochin, Paris	France
Hôpital de la Croix-Rousse, Université de Lyon	France
Hôpital La Murette, Paris, Hôpital Sevres Faculté de Médecine et Pharmacie, L'Université de Lyon	France
Hôpital Lariboisière, Paris	France
Hôpital Necker, Paris	France
Hôpital Tenon, Paris	France
Institut Gustave Roussy, Villejuif	France
Université Paris VI Pierre et Marie Curie, Paris	France
University of Grenoble	France
Charité - Campus Virchow, Humboldt Universität, Berlin	Germany
Johannes Gutenberg Universität, Mainz	Germany
Max Planck Institut für Molekulare Genetik, Berlin	Germany
Teaching Hospital, University of Rostock, Helios-Clinics, Schwerin	Germany
J. W. Goethe Universität, Frankfurt am Main	Germany
Universität Marburg	Germany
Universität Würzburg	Germany
Universität Heidelberg	Germany
Universität Münster	Germany
Universität Tübingen	Germany
Universität Jena	Germany
Universität München, Munich	Germany
Faculty of Dentistry, University of Cardiff	Great Britain
Heart Hospital, London	Great Britain
Charing Cross Hospital, London	Great Britain

Imperial College of Medicine, University of London	Great Britain
John Innes Centre, Norwich	Great Britain
King's College Hospital, London	Great Britain
Royal Marsden Hospital, London	Great Britain
School of Clinical Sciences and Community Health, University of Edinburgh	Great Britain
St. Georges Hospital Medicine School, University of London	Great Britain
The Royal London Hospital	Great Britain
University College, London	Great Britain
University of Cambridge	Great Britain
University of Edinburgh	Great Britain
University of Newcastle upon Tyne	Great Britain
University of Nottingham	Great Britain
University of Oxford	Great Britain
University of Southampton	Great Britain
Western General Hospital, Edinburgh	Great Britain
István-Korhász Hospital, Budapest	Hungary
San Stephen Hospital, Pötöffy Útca, Budapest	Hungary
The National Maternity Hospital, Dublin; Rotunde Hospital, Dublin	Ireland
Hebrew University of Jerusalem	Israel
Hebrew University, Hadassah School of Dental Medicine, Jerusalem	Israel
Medical Center Holon	Israel
Universita Cattolica San Croce, Rome	Italy
Istituto Europeo di Oncologia, Milan	Italy
Prima Clinica, L'Mangialli Hospital, Universita Milano, Milan	Italy
Universita La Sapienza, Rome	Italy
University of Verona	Italy
University of Torino	Italy
Hokkaido University, Sapporo	Japan
Tokyo University of Tech. & Agr., Graduate School of Bio-Applications and Systems Engineering, Tokyo	Japan
Cathol. Univ., Nijmegen	Netherlands
University Hospital, Rotterdam	Netherlands
University of Rotterdam	Netherlands
Medical Centre Amsterdam	Netherlands
Ślaskie Centrum Chorób Serca, Zabrze	Poland
Lekárska fakulta Komenského univerzity, Bratislava	Slovakia
Lekárska fakulta Univerzity J. P. Šafárika, Košice	Slovakia
Národný onkologický ústav Bratislava, Gyn. por. klinika Martin (perinatology)	Slovakia
Biological Research Centre (CIB), C.S.I.C., Madrid	Spain
University of Cadiz	Spain
Biomedical Center, Lund University	Sweden
Karolinska Institutet, Stockholm	Sweden
Karoliska Hematology Hospital, Karolinska Hematology Center, Stockholm	Sweden
University of Lund, Malmö; University of Göteborg	Sweden
Basler Kinderspital, Basel	Switzerland
Friedrich Miescher Institut, Basel	Switzerland

University of Berne, Bern	Switzerland	The Rockefeller University, New York	USA
University of Berne, Zürich	Switzerland	University Hospital, Pittsburgh	USA
Albany Medical College, Ordway Research Institute, Albany	USA	University Hospital, Rochester, MN	USA
Albert Einstein College of Medicine, NY	USA	University of Arizona,	USA
Case Western Reserve University, School of Medicine, Cleveland	USA	University of California, Berkeley, CA,	USA
Center for Biologic Evaluation and Research, Food and Drug Administration, Bethesda, Maryland	USA	University of California, San Diego, CA	USA
Center for Cancer Research, National Institute of Health, Bethesda	USA	University of Colorado, Denver	USA
Cold Spring Harbor Laboratory, Cold Spring Harbor	USA	University of Chicago, IL	USA
Columbia University	USA	University of Iowa	USA
Fogarty International Center	USA	University of Pennsylvania School of Medicine, Philadelphia	USA
Mayo Clinic Rochester, MN	USA	University of Texas, Dallas	USA
National Cancer Institute, Bethesda	USA	University of Utah, Salt Lake City	USA
NYU Cancer Institute, NY	USA	University of Washington, Seattle, WA	USA
State University of New York at Buffalo, Buffalo, NY	USA	Baylor College of Medicine, Houston	USA
Texas Heart Institute, Houston, TX	USA	Harvard University	USA
The Hastings Center, New York	USA	Wadsworth Center	USA
		West Virginia University	USA
		Wisconsin University, Madison	USA



*Students of English parallel classes in clinical training.*



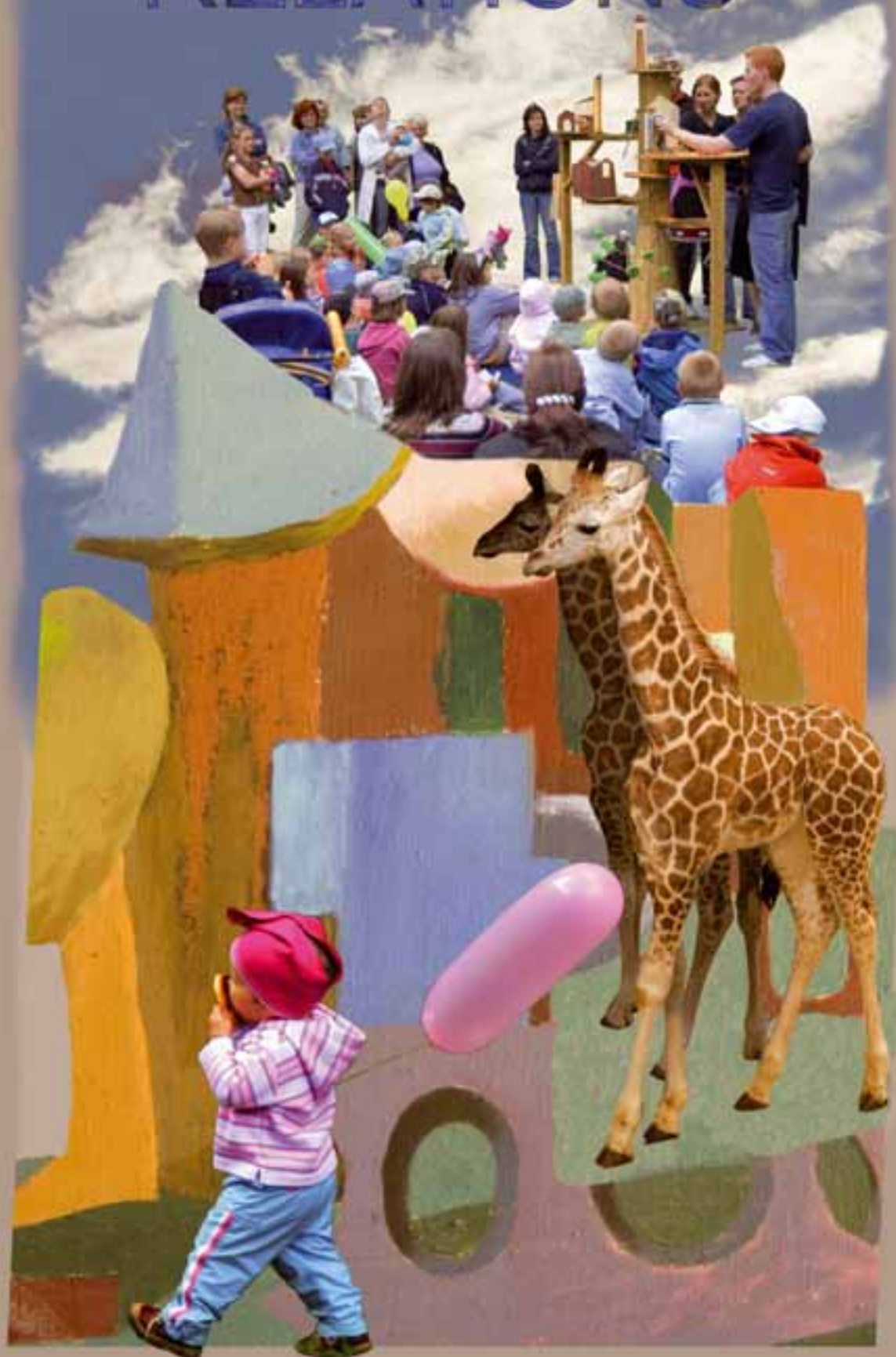
*Press conference on the results of entrance examination for the academic year 2007-2008 at the First Faculty of Medicine. The Dean of the Faculty, Prof. Tomáš Zima, informed the journalists of the number of new students admitted.*



*Press conference at the Department of Nuclear Medicine of the First Faculty of Medicine and General Teaching Hospital, organized in co-operation with the Anti-Cancer League.*



# OUTWARD RELATIONS



## OUTWARD RELATIONS

In 2007, the management of the First Faculty of Medicine again paid much attention to the sphere of outward relations, considering the vital necessity of constant improvement in public relations and promoting the Faculty's reputation in public. Intensive care was given to the image of the Faculty in the media. The representatives of the First Faculty of Medicine widely commented not only on the issues of medical education but also on the problems of health care, pinpointing positive understanding of the steps to be taken to promote quality in the two domains. Another focus was promotion of interest in medical studies among the young generation by highlighting the innovative aspects in theoretical as well as clinical tuition of medicine. Besides that, the management of the Faculty got prepared for the coming 660<sup>th</sup> anniversary of Charles University and its medical faculty, which in 2008 would provide a unique chance to promote the reputation of the First Faculty of Medicine of Charles University in professional and wide public in this country as well as abroad.

2007 was a year that was rich in events of professional as well as social nature. We tried to keep up and spread the reputation of the Faculty in the widest circles of the public through information about the life at the Faculty and its clinical facilities but also through organization of various social events traditionally connected with our professional life. In close co-operation with the management of the General Teaching Hospital we held 16 press conferences, new publications by authors from the Faculty were introduced and meetings with interesting prominent personalities took place around the "Chair for Faust" at the Academic Club of the First Faculty of Medicine in Faust House. The co-operation with the press section of the Rector's Office of Charles University was intensified and deepened, and so was that with the district authorities of Prague 2 and its New Town Hall. All these factors lead to considerably higher quality, simpler and more detailed early information about the Faculty's activities provided to the media.

Traditionally, the beginning of the year was marked with a big social event at the Žofín Palace, the 119<sup>th</sup> Medic Prom Ball.

The 2007 calendar of memorable anniversaries at the First Faculty of Medicine included the 20<sup>th</sup> anniversary of our Third-Age University. It was commemorated at a special ceremony at the Great Hall of the old renowned Karolinum including a meeting of the Faculty and University management with the expert guarantors and alumni of the Third-Age University. On this occasion they highlighted the merit of the Emeritus Head of the Institute of Anatomy of the First Faculty of Medicine, Prof. Radomír Čihák, the founder of the Third-Age University at our Faculty, Prof. Vladimír Pacovský, and the other organizers.

Further, the Faculty celebrated the 155<sup>th</sup> anniversary of the Institute of Physiology of the First Faculty of Medicine, and the ceremony with introduction of a book and exhibition of historic prints and textbooks was held in the Faust House. Another important event was the 35<sup>th</sup> Congress of the International Society for Oncodevelopmental Biology and Medicine, organized under the auspices of the Mayor of Prague and the Rector of Charles University, whose president was Prof. Tomáš

Zima, the Dean of the First Faculty of Medicine. Together with Dr. Milan Cabrnock, the deputy to the European Parliament, we organized two professional conferences with panel discussions on the topics "Physician, patient and health service systems within the integrated Europe" (with a deputy to the European Parliament, Mr. Jorgo Chatzimarkakis, as a special guest) and "Does the lack of doctors present a menace?" (with Mr. Thomas Mann, the vice-chairman of the EU committee for employment and social policy), which aroused intense interest in professional public and the media.

The management of the First Faculty of Medicine, in close co-operation with the General Teaching Hospital, continued to organize regular meetings with journalists provisionally called „Breakfast with journalists“, mainly at the Academic Club of the First Faculty of Medicine in Faust House. These proved useful and met a vivid response and interest among the journalists, particularly those dealing with problems of medical education and health services. Organization of the meetings resulted in standing publicity for the achievements of the First Faculty of Medicine in the spheres of education, science and research, and of the professional activities of the General Teaching Hospital as well. In 2007, as many as 19 press conferences were organized with our prominent specialists, concerning most various hot topics. The number of journalists present was really high at all the conferences. Those that met special interest were the press conferences of the Department of Neurology: "Sleep disturbances: aetiology, diagnosis, treatment" and "Opening the new endoscopic unit at the 4<sup>th</sup> Medical Department – clinical department of gastroenterology and hepatology"; as well as the press conferences on the occasions of the opening of the new educative centre of the Department of Urology and introduction of the new TVT-SECURE surgical method of treatment of female incontinence, organized by the Department of Gynaecology and Obstetrics. On the occasion of the World Day of the Kidney, the Department of Nephrology also organized a new event for the public – free urine testing in the Policlinic at Charles Square. For the Department of Psychiatry, another press conference was prepared, dealing with such a hot topic as food intake disturbances. We also marked the World Day of Tuberculosis at the 1<sup>st</sup> Department of Tuberculosis and Respiratory Diseases.

The opening of new catheterizing theatres and a unit for heart rate disorders after reconstruction at the 2<sup>nd</sup> Medical Department (clinic of cardiology and angiology) was a special ceremony, attended by journalists and members of the Parliament of the Czech Republic. The media also informed about the new reconstructed premises as well as about the scope of diseases treated at the Department of Gynaecology and Obstetrics. Further, the new centre for demyelinating disease at the Department of Neurology was introduced to the public.

The pleasant environment of the Academic Club at Faust House has proved to be an excellent venue for press conferences. Traditionally, the annual Christmas meeting was held there again in December 2007, and the Dean of the First Faculty of Medicine together with other members of the Faculty management thanked the present representatives of the media, when assessing the past year.

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. The hundredth quest in the Chair for Faust was the vice-rector for international relations of Charles University, Professor Jan Škrha of 3<sup>rd</sup> Medical Department. In 2007, the special quests seated in the Chair for Faust were Prof. Jan Betka, Prof. Zdeněk Hájek, Prof. Eduard Zvěřina, Prof. Jaroslav Racek, Prof. Antonín Doležal, Mr. Jaroslav Hořejší, Prof. Jiří Vorlíček, Prof. Jan Škrha, Prof. Helena Tlaskalová-Hogenová, Assoc. Prof. Eva Havrdová, Prof. Tomáš Hanuš, Prof. Václav Hořejší and Dr. Pavel Bém, the Mayor of Prague.

In co-operation with Mr. Jaroslav Hořejší and the Galén publishing house, the Faculty issued already the 6<sup>th</sup> volume of these interviews, of which 13 took place in 2007; this book is available in our bookshops now. The ceremony of launching the latest volume of *Chair for Faust* [Křeslo pro Fausta] was arranged at the Christmas meeting of the management of the Faculty with the Heads of its institutes and departments in the gorgeous rooms of the New Town Hall at Charles Square.

In the Academic Club, new publications by authors from the First Faculty of Medicine of Charles University were presented throughout the year. Those printed in 2007 included *Obstetrical operations* by Antonín Doležal, *Pictorial atlas of morbid conditions* by Eva Topinková, *Gastroenterology and hepatology* by Karel Lukáš, Aleš Žák et al., *Special psychotherapy* by Jan Vymětal et al., *Sobotta's atlas of human anatomy*, translated by Miloš Grim et al., *At first a doctor by profession* by Zdeněk Dientsbier, *Hyperkinetic disorder and behavioural disorders* by Ivo Paclt et al., *Paediatric emergencies* by Pavel Frühauf et al., *155 years of the Institute of Physiology in Prague* by Otomar Kittnar et al., and the New Town Hall was the scene of the introduction of *Laboratory diagnosis* by Tomáš Zima.

The Faculty also arranged a number of exhibitions at the Academic Club, including *Photomathon* – a photography exhibition by the Institute of Haematology and Blood Transfusion, *On a ship around the globe* – a photography exhibition by Dr. Vlasta Kmentová-Zbuzek, *We're painting still even when ill* – an art exhibition by children hospitalized at the General Teaching Hospital, *From Doctor Faust's heritage* – an exhibition of assemblage by Assoc. Prof. Jiří Beran of the Medical Faculty of Charles University in the city of Plzeň, and an exhibition of drawings and paintings by Dr. Ivan Emler and Dr. Eva Vaculíková.

Our Faculty was one of the organizers of the exhibition *Europe – the cradle of scientific obstetrics* at the European Parliament in Brussels, including the lecture *How obstetrics helped change the world*. In the autumn 2007, the exhibition *Anatomical illustration* by Ivan Helekal and Jan Kacvinský of the Arts Section of the Institute of Anatomy took place in the exhibition halls of the New Town Hall.

The Faculty took part in the Week of Science, organized by the Academy of Sciences of the Czech Republic and hosted two “academic cafés” in the Academic Club, whose topics were *Natural sciences – future of medicine* and *Moonlighting molecules: molecular nature of moonlighting, or New roles for old friends*.

The Academic Club of the First Faculty of Medicine at Faust House met the 12<sup>th</sup> years of its existence in 2007. The club won the attention of both professional and lay public, as well as that of the media very quickly with its activities, such as press conferences, chat meetings, seminars, social assemblies, exhibitions, concerts, first aid classes, etc. In the past academic year it also hosted some events by the Czech Medi-

cal Academy and Anti-cancer League, which signed an agreement of organization of Flower Days and, above all, press conferences and professional seminars with the First Faculty of Medicine. Inseparable from the life of the Club were regular concerts given by the Dixieland Band of the First Faculty of Medicine, led by Professor Jiří Tichý, and the events organized by the Jonáš Club.

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 also noticed 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 twelve years of its activity, the Academic Club of the First Faculty of Medicine has become a worthy cultural centre 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.

As the last Children's Day in the garden of the Department of Psychiatry was a great success, the First Faculty of Medicine together with the General Teaching Hospital organized the event again in 2007. Other active partners were the Union of Czech Medical Students, first-aiders, Faculty of Education of Charles University, Faculty of Theatrical Arts, District Police of Prague 2, Fire Rescue Brigade of Prague, district authorities of Prague 2 and many others. The Faculty, in turn, became an active partner at many events organized by the district authorities – not only social assemblies at Faust House and New Town Hall but also the grape harvest festival at Havlíček Park and Peace Square (Náměstí Míru) etc.

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 *Stabat mater* of Francis Poulenc was played, and the autumn concert in the church of St. Ignatius of Loyola, with the oratorio “Elijah”. Both concerts, which met a great interest, and not only within the academic community, were kindly sponsored by Zentiva a.s. company.

In the autumn 2007 the First Faculty of Medicine adopted a male giraffe, born on 26<sup>th</sup> August 2007, as its “godchild”. On 24<sup>th</sup> November 2007 the calf was given the name Faust at a ceremony within the Giraffe Festival in the Africa House of the Prague Zoo. Together with the Dean, Prof. Tomáš Zima, and other representatives of the Faculty, the director of the zoo Dr. Petr Fejk, Mr. Rudolf Blažek, the Deputy Mayor of Prague, and Mr. Milan Steindler, the actor, took part in the ceremony.

Special attention was paid and special support given to the activities of the Union of Czech Medical Students and IFMSA, and to the events within the Socrates/Erasmus programme. The Faculty presented itself very well at both domestic and international events such as the Open Days of Charles University and the First Faculty of Medicine, higher education trade fair Gaudeamus, and the international medical trade fair Pragomedica 2007.

The Faculty paid attention to its presentation through issuing printed documents and goodwill gifts. We issued information materials about the Faculty in Czech and English versions plus other publications – annual reports, internal regulations of the Faculty, book of proceedings of the Student Scientific Conference, a special pictorial calendar of the Faculty for 2008, memorial prints for the alumni and a large number of other prints, publicity materials in both Czech and English, Faculty caps and t-shirts, and various goodwill gifts.

### 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.

During the three years of its active existence, MICEP obtained quite a number of contacts among not only Czech but also foreign institutions. Also the number of consulta-

tions pertaining to the basic role of MICEP keeps increasing. One of the important events of 2007 was the active participation at the PRAGOMEDICA 2007 exhibition, where the MICEP stand worthily represented not only MICEP itself but also the First Faculty of Medicine of Charles University. Further, MICEP made presentations at a considerable number of conferences and seminars, putting emphasis on the importance of Czech participation in European projects, including the ways to a successful submission of a European project.

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 17<sup>th</sup> September 2007. The topic of the seminar was "Financial management of the projects under the 7<sup>th</sup> European Framework scheme". Apart from the MICEP staff, also representatives of the Technologic Centre and CZELO from Brussels made some presentations. 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/>.

*Prof. MUDr. Aleš Linhart, DrSc.*

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



*The male Rothschild giraffe born on 26th August 2007 got two "godfathers" – the First Faculty of Medicine, represented by its Dean of the Faculty, Prof. Tomáš Zima, and the actor Milan Steindler.*

## JOURNALS AT THE FIRST FACULTY OF MEDICINE

The First Faculty of Medicine of Charles University continued as the editor of the bimonthly *Folia Biologica* and the quarterly *Prague Medical Report*.

### FOLIA BIOLOGICA

Editor in chief: Prof. MUDr. Tomáš Zima, DrSc., MBA  
 Executive editors: Prof. MUDr. Jan Bubeník, DrSc.; MUDr. Zdeněk Kostrouch; Prof. MUDr. Karel Smetana, DrSc.  
 Managing organizer: Mgr. Vlasta Helekalová, MBA  
 Technical editor: PhDr. Šubrtová, since 1<sup>st</sup> October 2007  
 Kristýna Belatková  
 Impact factor: **0.387**  
 Publisher: Charles University – First Faculty of Medicine, since 2007 Galén s.r.o. publishing house  
 Profile: cell and molecular biology

#### 2007 statistics:

Number of manuscripts sent in: 88  
 Number of manuscripts rejected: 29  
 Published in 2007: 34 articles (25 original, 3 synoptic, 3 short reports, 2 editorials, 1 technical remark – 170 authors in total, incl. 57 from the First Faculty of Medicine)

In 2007 the printed works were changed. One standing problem is the lack of quality articles from the area of basic research. The journal has to reject a large number of articles of high quality but unsuitable profile. We keep trying to get advertisers for the journal, thereby reducing the costs.

One attempt to solve the problems is the introduction of full access to the articles from the PubMed data base, active pursuit for new authors and acceptance of manuscripts in the electronic form, which was introduced in 2007.

### PRAGUE MEDICAL REPORT

Editor in chief: Prof. MUDr. Tomáš Zima, DrSc., MBA

Technical editor: PhDr. Šubrtová, since 1<sup>st</sup> October 2007  
 Kristýna Belatková  
 Managing organizer: Mgr. Vlasta Helekalová, MBA  
 Impact factor: none  
 Publisher: Karolinum publishing house  
 Profile: biomedicine, with the quality of articles increasing  
 Prerequisites: quality articles and regular periodicity

#### 2007 statistics:

Number of manuscripts sent in: 42  
 Number of manuscripts rejected: 4  
 Published: 38 articles (most by authors from the First Faculty of Medicine)

By the turn of the year, three numbers of *Prague Medical Report* (PMR) were published, but the 4<sup>th</sup> only occurred in April 2008. The delay was due to the lack of texts. This problem, the same with all numbers of the journal, should be solved by the decision of the Faculty management (Dean's Board) that publications in the journals issued by the Faculty, i.e. not only *Folia Biologica* but PMR as well, would be taken into account in evaluation of the departments and institutes. This is an important factor, mainly because PMR – considering the other parameters such as citation and high quality reviewing – has been standing on the threshold of application for being monitored and prospectively given an impact factor.

#### Prize for the best article by an author under 35 years of age

To the proposal by the editorial board, the PMR prize for young authors, aged under 35, was awarded to Dr. **Tomáš Grus** for the text „*Particle Image Velocimetry Measurement in the Model of Vascular Anastomosis*“, by T. Grus, J. Lindner, K. Vík, J. Tošovský, J. Matěcha, H. Netřeborská, J. Tůma and J. Adamec, published in the 1<sup>st</sup> number of the journal. This publication was given a high credit particularly for the high level of methodology and quality of the experiment, which in addition contributes to solution of a serious clinical problem.

Prof. MUDr. Karel Smetana, DrSc.  
 Member of the Dean's Board of the Faculty

Volume 54 (2008)

2

# FOLIA BIOLOGICA

Journal of Cellular and Molecular Biology

CHARLES UNIVERSITY IN PRAGUE  
FIRST FACULTY OF MEDICINE

Prague Medical  
REPORT

(1



UNIVERSITAS CAROLINA  
PRAGENSIS

# MANAGING REPORT



# AUDITOR'S REPORT







## ***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 2007, 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

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PKF Czech Republic | HZ Praha s.r.o. | Karlova 48 | 110 00 Praha 1

Zapsaná Městským soudem v Praze, oddíl C, vložka 1908, IČ 17049644, DIČ CZ17049644



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 2007, and of its financial performance and its cash flows for the year then ended in accordance with Czech accounting regulations.

Prague March 31, 2008



  
Ing. Hana Filipcová  
auditor - osvědčení KAČR č. 0649

  
HZ Praha, spol. s r.o.  
PKF Czech Republic  
auditor – osvědčení KAČR č. 31  
Karlova 48  
110 00 Praha 1

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, 2007

<b>ASSETS</b>				
Identifi- cation		row	1.1.2007	31.12.2007
a	b	c	1	2
<b>A.</b>	<b>Fixed assets</b>	<b>1</b>	<b>749 013 719</b>	<b>875 347 222</b>
1.	Intangible results of research and similiary activities (012)	2	0	0
	Software (013)	3	18 216 607	17 708 139
	Valuable rights (014)	4	0	0
	Minor items of intangible fixed assets (018)	5	5 685 248	4 365 191
	Other intangible fixed assets (019)	6	529 179	529 179
	Acquisition of intangible assets in progress (041)	7	186 690	0
	Advancements for intangible fixed assets (051)	8	0	0
	<b>Intangible fixed assets</b>	<b>9</b>	<b>24 619 724</b>	<b>22 602 509</b>
2.	Accumulated amortization -intangible results of research and similiary activities (072)	10	0	0
	Accumulated amortization - software (073)	11	-11 794 166	-13 308 249
	Accumulated amortization - valuable rights (074)	12	0	0
	Accumulated amortization - minor items of intangible assets (076)	13	-5 685 248	-4 365 191
	Accumulated amortization - other intangible fixed assets (079)	14	-264 612	-370 456
	<b>Accumulated amortization - intangible assets</b>	<b>15</b>	<b>-17 744 046</b>	<b>-18 043 896</b>
3.	Land (031)	16	0	0
	Work of art and collections (032)	17	725 258	725 258
	Buildings (021)	18	594 190 569	616 208 684
	Capital equipment units and property (022)	19	676 664 241	746 435 260
	Perennial crops (025)	20	0	0
	Breeding and draught animals (026)	21	0	0
	Minor items of tangible assets (028)	22	90 512 427	76 983 916
	Other tangible assets (029)	23	344 250	215 688
	Acquisition of tangible assets in progress (042)	24	59 372 115	162 607 989
	Advancements for tangible assets (052)	25	0	0
	<b>Tangible fixed assets</b>	<b>26</b>	<b>1 421 808 860</b>	<b>1 603 176 795</b>
4.	Accumulated depreciation - buildings (081)	27	-217 994 518	-231 446 834
	Accumulated depreciation - capital equipment: units and property classes (082)	28	-370 819 624	-423 741 748
	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	-90 512 427	-76 983 916
	Accumulated depreciation - other tangible assets (089)	32	-344 250	-215 688
	<b>Accumulated depreciation-tangible fixed assets</b>	<b>33</b>	<b>-679 670 819</b>	<b>-732 388 186</b>
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
	<b>Financial investments</b>	<b>40</b>	<b>0</b>	<b>0</b>
<b>B.</b>	<b>Current assets</b>	<b>41</b>	<b>210 719 754</b>	<b>236 391 957</b>
1.	Materials in stock (112)	42	2 155 973	1 240 655
	Materials in transfer (119)	43	0	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
	<b>Inventory</b>	<b>51</b>	<b>2 155 973</b>	<b>1 240 655</b>
2.	Trade receivables (311)	52	1 206 688	461 763
	Bills of exchange (312)	53	0	0
	Receivables - issued securities (313)	54	0	0
	Prepayment (314)	55	3 726 808	3 229 679
	Other receivables (315)	56	231 161	137 158
	Receivables on employees (335)	57	1 162 320	1 005 869
	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	6 890 006	7 545 587
	Estimated receivables (388)	68	-989 387	-729 494
	<b>Receivables</b>	<b>69</b>	<b>12 227 606</b>	<b>11 650 562</b>
3.	Cash in hand (211)	70	280 152	271 931
	Postal stationery (213)	71	35 140	65 800
	Cash in bank (221)	72	191 978 583	217 775 206
	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
	<b>Financial assets</b>	<b>77</b>	<b>192 293 875</b>	<b>218 132 637</b>



4.	Deferred expenses (381)	78	3 003 876	4 896 599
	Accrued revenues (385)	79	174 122	0
	Foreign currencies exchange losses (386)	80	864 302	471 204
	Temporary accounts	82	4 042 300	5 367 803
	<b>Total assets</b>	<b>83</b>	<b>959 733 473</b>	<b>1 111 739 179</b>

EQUITY + LIABILITIES				
identifi- cation		row	1.1.2007	31.12.2007
a	b	c	3	4
<b>A.</b>	<b>Equity</b>	<b>84</b>	<b>823 164 615</b>	<b>961 082 740</b>
1.	Capital (901)	85	751 236 881	877 570 384
	Funds (911)	86	70 398 753	81 262 483
	<b>Capital + Funds</b>	<b>87</b>	<b>821 635 634</b>	<b>958 832 867</b>
2.	Profit/loss for current year (963)	88	965 843	720 892
	Profit/loss in approval proces (931)	89	0	0
	Retained earnings, unpaid losses (932)	90	563 138	1 528 961
	<b>Profit/loss</b>	<b>91</b>	<b>1 528 981</b>	<b>2 249 873</b>
<b>B</b>	<b>Liabilities</b>	<b>92</b>	<b>136 568 858</b>	<b>150 656 439</b>
1.	<b>Legal reserves (941)</b>	93	4 400 000	0
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
	<b>Long-term liabilities</b>	<b>99</b>	<b>0</b>	<b>0</b>
3.	Trade payables (321)	100	948 068	18 988 411
	Short-term notes (322)	101	0	0
	Deposits received (324)	102	0	50 000
	Other liabilities (325)	103	874 758	657 453
	Payables to employees (331)	104	29 219 098	27 835 446
	Other payables to employees (333)	105	435 702	408 307
	Payables to social security (336)	106	18 011 018	17 096 016
	Tax on income payable (341)	107	0	0
	Other direct taxes (342)	108	6 557 459	6 071 014
	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	11 562 062	9 966 586
	Payables by virtue of financial relation to the local government budget (348)	112	913 057	1 265 999
	Payables by virtue of subscribed securities and deposits (367)	113	0	0
	Payables to association (368)	114	0	0
	Other payables (379)	115	3 991 721	2 450 238
	Estimated payables (389)	127	-3 216 802	-9 048 949
	<b>Current liabilities</b>	<b>116</b>	<b>69 296 141</b>	<b>75 740 621</b>
5.	Accrued expenses (383)	124	0	0
	Deferred revenues (384)	125	62 872 449	74 914 065
	Foreign currencies exchange gains (387)	126	268	1 653
	<b>Accruals</b>	<b>130</b>	<b>62 872 717</b>	<b>74 915 718</b>
	<b>Total liabilities + equity</b>	<b>131</b>	<b>959 733 473</b>	<b>1 111 739 179</b>



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, 2007

Acc. Nr.	row	activity		total	
		head	economic		
501	Consumption of material	002	107 541 163	1 684 319	109 225 482
502	Consumption of energy	003	22 981 711	0	22 981 711
503	Consumption of other non-stockable supplies	004	0	0	0
504	Cost of merchandise sold	005	0	0	0
511	Maintenance	007	43 886 378	149 510	44 035 888
512	Travel expenses	008	19 893 950	137 031	20 030 981
513	Representaion cost	009	689 361	69 945	759 306
518	Other outside services used	010	36 739 019	2 236 714	38 975 733
521	Wages and Salaries	012	393 516 735	2 159 990	395 676 725
524	Statutoryl social security expenses	013	135 333 804	514 732	135 848 536
525	Other social security expenses	014	0	0	0
527	Legal social expenses	015	8 821 813	0	8 821 813
528	Other social expenses	016	2 669 050	0	2 669 050
531	Road tax	018	11 175	0	11 175
532	Property tax	019	0	0	0
538	Other taxes and fees	020	122 993	0	122 993
541	Contractual fines and penalties	022	0	0	0
542	Other penalties	023	385	0	385
543	Un-collectable accounts receivable expenses	024	221 702	0	221 702
544	Interest	025	0	0	0
545	Exchange rate loses	026	2 980 718	5 601	2 986 319
546	Gifts	027	0	0	0
548	Involuntary conversion	028	17 692	0	17 692
549	Other expenses	029	106 114 783	3 358 506	109 473 289
551	Amortization of intangible and deprecation of tangible assets	030	91 738 362	0	91 738 362
552	Net book value of sold tangible and intagible assets	032	0	0	0
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	0	0
559	Creation of legal allowances	036	0	0	0
581	Contributions given organiz. unit	038	0	0	0
582	Contributions given	039	0	0	0
	<b>Total expenses</b>	<b>042</b>	<b>973 280 794</b>	<b>10 316 348</b>	<b>983 597 142</b>
	Internal expenses	042	2 245 840	193 680	2 439 520
	<b>Total expenses incl. Internal expenses</b>	<b>042</b>	<b>975 526 634</b>	<b>10 510 028</b>	<b>986 036 662</b>



Acc. Nr.		row	activity		
			head	economic	total
601	Revenues from own products	044	0	0	0
602	Revenues from rendering services	045	94 308 664	11 624 383	105 933 047
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	5 972 333	0	5 972 333
645	Exhchange rate profits	062	691 915	6 142	698 057
648	Clearing of equity accounts	063	19 830 797	0	19 830 797
649	Other revenues	064	140 047 113	214 106	140 261 219
652	Revenues from sale of tangible and intangible assets	066	60 526	0	60 526
653	Revenues from sale of securities and deposits	067	0	0	0
654	Revenues from sale of raw materials	068	1 032 316	516 660	1 548 976
655	Revenues from short-term financial assets	069	0	0	0
656	Clearing of legal reserves	070	4 400 000	0	4 400 000
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	695 775 528	0	695 775 528
	<b>Total revenues</b>	<b>079</b>	<b>962 119 192</b>	<b>12 361 291</b>	<b>974 480 483</b>
	Internal revenues	079	11 623 572	653 499	12 277 071
	<b>Total revenues incl. Internal revenues</b>	<b>079</b>	<b>973 742 764</b>	<b>13 014 790</b>	<b>986 757 554</b>

	<b>Net income/loss before taxation</b>	<b>080</b>	<b>-1 783 870</b>	<b>2 504 762</b>	<b>720 892</b>
591	Income tax - current year	081	0	0	0
	<b>Net income/loss after taxation</b>	<b>082</b>	<b>-1 783 870</b>	<b>2 504 762</b>	<b>720 892</b>

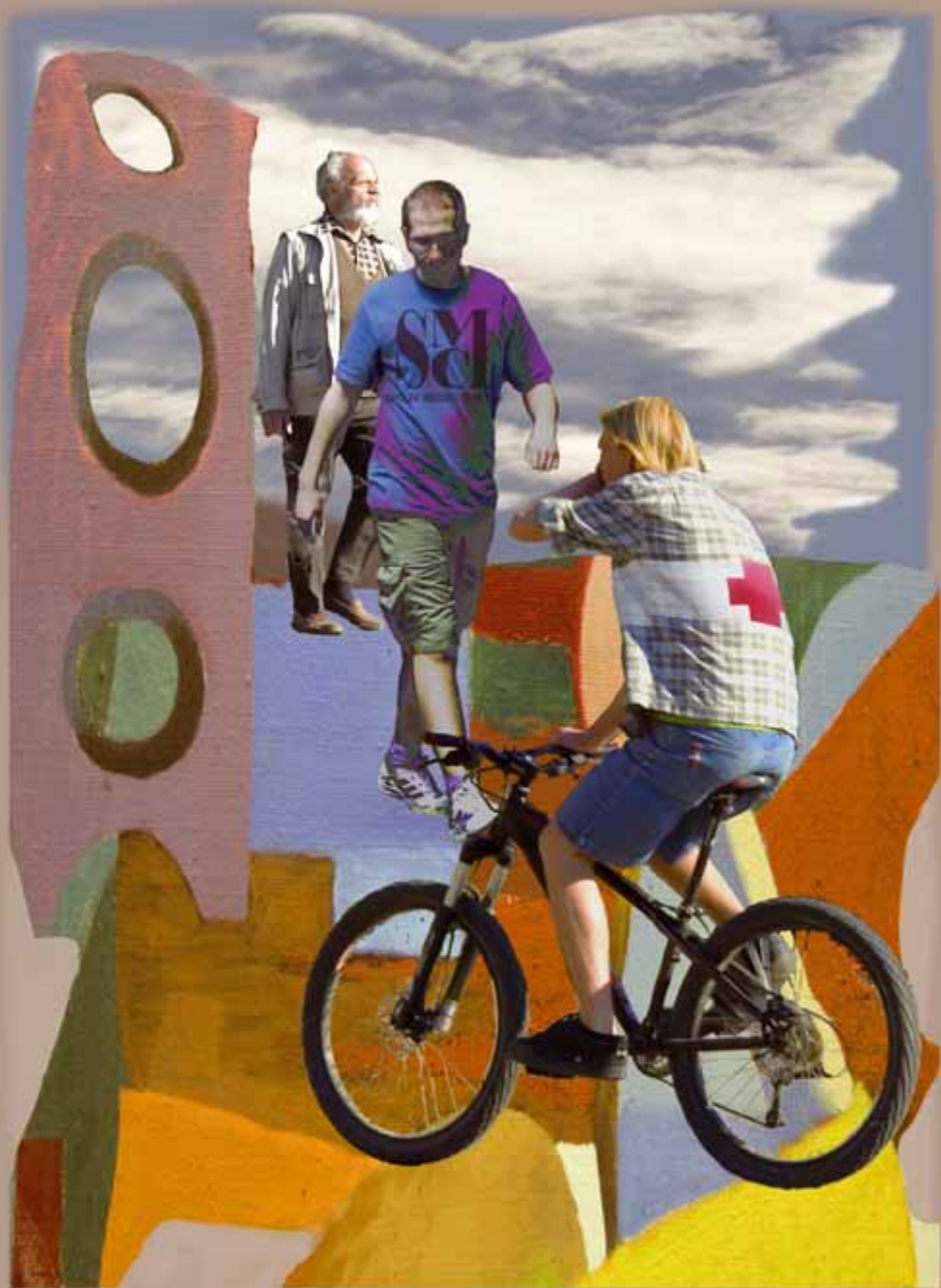


# ATTACHMENTS





# STUDENTS' ACTIVITIES



## STUDENTS' ACTIVITIES

### UNION OF CZECH MEDICAL STUDENTS

In 2007 we continued implementing our traditional projects but prepared a couple of new ones for our members as well.

An observant reader, who has read the annual reports of the First Faculty of Medicine before rather than opening a copy for the first time now, will certainly notice that the Union of Czech Medical Students changed its logo in 2007. The new one is by the artist Ivan Helekal.

To make our club room even a more pleasant place for the Union members to spend their spare time at, we carried on the adaptation of the rooms in 2007 too. Although these are not so radical as these in the year before, yet several old cabinets, tables and lamps were eventually replaced, and thanks to the Dean the library was renovated as well.

We use our premises in Faust House for a number of purposes. The club room serves as the place where the Union officers meet and plan particular events. For most members, however, the Union rooms are important maybe even more, and in a different way. The place provides students with a chance to have a rest and relax in their free time, to meet friends or – last but not least – to look for suitable information that may prove useful for the studies. Then it comes as no surprise to hear that various table games are available in our rooms, and the offer was slightly enriched last year, e.g. with a table-top football game. Another important thing is our computer room, which provides the access to nine PCs and the Faculty's internet web. The web pages, however, are not the only source of information that we can offer for our members. For years the Union of Czech Medical Students has run the library service, with literature that has been mainly in foreign languages so far. In 2007 the Union managed to obtain two donations from sponsors: the Galén publishing house spared CZK 80,000 worth their publications, and in the second half of the year the Grada publishers made a donation of books equal to CZK 100,000 too. Besides the Union of Czech Medical Students, the local IFMSA organization uses the premises as well, which we have been collaborating successfully for several years for.

The new aspects of our activity in 2007 include, first of all, implementation of the Buddy Programme for the incoming Erasmus students. The point is that the Union of Czech Medical Students also comprises the Erasmus Students' Office, which caters for the incoming international students, co-ordinates programmes for this group and of course informs them about the social life at the Faculty as well. The Erasmus party took place three times – twice as kind of "ice-breaking" party, and once as the Christmas party. However, fun is not the only thing we can provide: even before the arrival we help the incoming students to contact their Czech colleagues, who may be helpful in the buddy system mainly at the beginning of the stay in the Czech Republic – in familiarizing with the faculty and settling some official affairs.

During the year the Union of Czech Medical Students came in on the anti-smoking campaign as well. Our members collected signatures to the petition to limit the smoking, promoted by the Czech Red Cross. And moreover, our traditional "Star Rave-ups" were subtitled with the words "smoking ltd."

In April we started selling publicity items of our Faculty, such as t-shirts, mugs and caps, which met quite a vivid and positive response among students.

And, for medics are not just a community enclosed in itself, we also promoted co-operation beyond the Faculty in 2007. We established contacts with the Czech Red Cross Youth, and won some students of the First Faculty of Medicine for this activity. Like the Faculty, we contacted the Anti-Cancer League. The Union of Czech Medical Students received several offers of volunteer work for medical students. Then, in October we entertained a group of 60 medics from the VU University of Amsterdam. We also collaborate with the 2M – Medics to Medics organization from the Second Faculty of Medicine, which arranges various seminars on the topics like medical ethics, doctor-to-patient communication, etc.

We must not forget the changes that occurred among the Union officers. As every year, several vacant positions occurred after those who had graduated as medical doctors, and young students came to carry on the work and develop the Union of Czech Medical Students further. The total number of the Union members was 264 by the end of 2007.

#### Survey of other projects implemented in 2007

In 2007, 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 2007 it was held for the 119<sup>th</sup> time already. Of other projects, the following are certainly worth noticing:

#### 2007 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 twice in 2007, with "smoking ltd." each time, which proved to be a good idea, appreciated by our students. 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.

#### No Smoking Party

An event of a nature similar to that of Star Rave-up, but featuring a different kind of alternative music. It takes place on the International Anti-Tobacco Day, and its name indicates that here the students can try having real fun without cigarettes and the stench of tobacco smoke at all.

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 2007 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

hospital 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. This time the Nestlé company sponsored the event as well, with its Orion brand products.

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

For 2008 we have already prepared a couple of new events, but these will only be told about in the next, 2008 Annual Report.

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



**Dětský den 2007**  
29.5. od 14 hodin

Zahrada Psychiatrické kliniky I LFUK a VFN, Ke Karlovu II, Praha 2

1. lékařská fakulta UK a Všeobecná fakultní nemocnice, pod záštitou starostky Městské části Praha 2 Jany Černochovej, ve spolupráci s Městskou policií Prahy 2, Hasičským záchranným sborem, ZŠ a SŠ V Ořiníčích, PeřFUK a motokářského klubu Black Dogs I.E.M.C. připravili:

soutěže • skákadlo • ukázky práce kynologů • divadlo  
ukázky první pomoci a sebeobrany • prezentace motocyklů  
ukázky zásahu Městské policie a hasičů • občerstvení

Logos of participating organizations: LFUK, VFN, Městská část Praha 2, Hasičský záchranný sbor, ZŠ a SŠ V Ořiníčích, PeřFUK, Black Dogs I.E.M.C., and Městská policie Praha 2.

*Children's Day in the garden of the Departments of Neurology and Psychiatry.*

## 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 now also on projects pertaining to the sphere of human rights.

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, 240 contracts were signed for the Czech Republic. From our faculty, 35 students participated on clinical placements abroad (and another two will in November), while 34 students from abroad arrived at the First Faculty of Medicine.

For the current year, 41 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, eight 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, or possibly inform them about the possibilities of getting some financial support for the stay.

In the past year we – regretfully – were not able to win any finance to support our student's placements abroad.

### 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 2007, six of our students travelled abroad (while one of them is to travel this year) and three foreign students were received.

For 2008, eight placements have been planned for the students of the First Faculty of Medicine. Further, we are trying hard to gain more funds for the outgoing students, and from this year on we should achieve financial support in the form of a grant by the Ministry of Education, Youth and Sport. In co-operation with national co-ordinators and the Legal Department of the Third Faculty of Medicine we are about to send in an application for recognition of the student's status by the Rector's Office of the University for the incoming students while on placement here.

In the past year we managed to organize a cycle of lectures with photo shows under the title "IFMSA on the Bummel" by the students who had been on placements abroad. These

lectures should help to motivate more new applicants and to share the experience.

For the incoming students we issued a booklet to help them get oriented in the Czech Republic. Further, we received a donation of CZK 20,000 from the Dean's Office. This money was spent on the cultural programme for the incoming students. Another sponsor's donation was 27 t-shirts with the Faculty's logo. These were distributed among the incoming students and members of the executive of the local organization, who were to represent the Faculty at the IFMSA convention in the autumn.

### 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 presented the lecture for about 90 students at grammar schools. Then, in co-operation with Dr. Václav Vávra, we participated at the "UN and NATO model for students at secondary schools", reading a lecture again – this time for approximately 30 students.

In April, training classes were organized for those medical students who consider getting engaged in first aid in future too.

As the frequent borrowing of the resuscitation dummy from the Department of Anaesthesiology, Resuscitation and Intensive Medicine of the First Faculty of Medicine and General Teaching Hospital has been rather troublesome, we decided to apply for a grant at the Vodafone foundation.

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 five kindergartens, including one for English-speaking children; altogether, about 140 children were involved in the project.

On 29<sup>th</sup> May 2007 we – in co-operation with the Lékořice Volunteer Centre – presented the project at the Children's Day, organized by the First Faculty of Medicine and General Teaching Hospital in the garden of the Department of Psychiatry, where our Teddy Bear Hospital was visited by 200 children.

At the time, about 60 students of the First Faculty of Medicine are engaged in the two projects.

We also managed to get a CZK 30,000 grant from the Vodafone foundation for the Teddy Bear Hospital project.

**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.

On the World AIDS Day project we co-operate with the Union of Czech Medical Students. This event is held on 1<sup>st</sup> December every year, and the yield is transferred to the Czech AIDS-help Society. In the past year, our Faculty also participated in the Anti-Tobacco Day project. We tried to alert the public to the hazards of smoking, swapping cigarettes for apples, oranges and cycling bottles. About ten students took part in this project.

**SCOME – committee for human rights problems**

On 4<sup>th</sup>-9<sup>th</sup> September 2007 we participated at the project of the *Médecins sans Frontières* organization called *A refugee camp in the heart of the city*. Now we are planning a series of seminars on human rights for medical students and further collaboration with *Médecins sans Frontières*.

**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. On 17<sup>th</sup> May a lecture for students was given on the topic *IZIP and its practical implica-*

*tions*. Then, an information leaflet about activities of the local IFMSA was compiled and handed out to the 2<sup>nd</sup> and 3<sup>rd</sup> year students on enrolment. We are considering to expand the circulation of the leaflet and so to enhance the publicity of the organization. On 3<sup>rd</sup> and 4<sup>th</sup> November 2007, our Faculty hosted the Czech IFMSA convention. There we were informed of the increase in the subsidy for students to travel on placements abroad from CZK 7,000 to CZK 8,000. Also new web pages of the organization were launched at [www.ifmsa.org](http://www.ifmsa.org).

**Current list of IFMSA CZ officials at the First Faculty of Medicine:**

Local president ..... Lucie Ettlerová,  
lp\_lf1@yahoo.com  
Co-ordinator for clinical placements ..... Michal Rusnák,  
leo1lf@yahoo.com  
Co-ordinator for research placements... Miroslava Švehlíková,  
lore1lf@gmail.com  
Co-ordinator for committee for public health ..... Tomáš Dědič  
Co-ordinator for AIDS prevention committee .... Matej Vnenčák  
Co-ordinator for human rights committee ..... Lenka Lesná  
Co-ordinator for committee for further  
education of physicians ..... Zuzana Baková

Lucie Ettlerová  
Local IFMSA president at the First Faculty  
of Medicine of Charles University  
lp\_lf1@yahoo.com  
+420739636193



Students' activities – the Rector's Sporting Day.

## FIRST AID FOR PUBLIC

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

We are a group of students and alumni of the First Faculty of Medicine of Charles University. Under the auspices of Prof. T. Zima, the Dean of the faculty, and Assoc. Prof. M. Striteský, the Head of the clinical Department of Anaesthesiology, Resuscitation and Intensive Care of the First Faculty of Medicine and General Teaching Hospital, and with the support of the Academic Club of the First Faculty of Medicine, we organize lectures on the basics of first aid for wide public in our spare time. This is completely done by volunteers, and the lectures at the premises of the First Faculty of Medicine are completely free for all visitors.

The lecture, however, is unofficial and does not entitle the participants to any certificates or formal qualifications. 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 com-

pany thanks to Prof. T. Zima. Our aim is that all participants can try how to give external heart compressions and mouth-to-mouth rescue breaths by themselves. We assume that several minutes of practical training are much more valuable than hours of lectures.

For his expert assistance, we really appreciate Dr. M. V. Vávra from the clinical Department of Anaesthesiology, Resuscitation and Intensive Care of the First Faculty of Medicine and General Teaching Hospital, 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 four years. Since the beginning, we instructed more than 2,600 people. We co-operate with several volunteer organizations and for the BESIP road safety agency we attend open-air music festivals in summer. We also take part in the events organized by the First Faculty of Medicine, such as the 2006 and 2007 Children's Days in the garden of the Department of Psychiatry.

Of outdoor events we organize I would like to mention the in-line skating afternoon at Ladronka, where we – apart from four hours of CPR training offer a scope of cultural and sport activities as well.

For 2008 we prepared weekend classes to be held in May, June and September.

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.

*On behalf of First Aid for Public  
MUDr. Michaela Ingrischová  
One hour of your time now can mean  
many more years for someone else!*



*From the First Aid for Public classes.*

# LIST OF UNITS, BY 31<sup>TH</sup> DECEMBER 2007



LIST OF UNITS OF THE FIRST FACULTY OF MEDICINE, BY 31<sup>TH</sup> DECEMBER 2007**SCIENTIFIC / EDUCATIONAL INSTITUTIONS OF THE FACULTY****Institute of Anatomy**

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**Institute of Biophysics and Informatics**

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**Institute of Cell Biology and Pathology**

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**Institute of Nursing Theory and Practice**

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**Special Support Institution of the First Faculty of Medicine****Centre for Experimental Biomodels**

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**SCIENTIFIC / EDUCATIONAL CLINICAL INSTITUTIONS OF THE FACULTY****Joint Institutions with General Teaching Hospital****Department of Dermatology and Venereology**

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Head: doc. MUDr. Aleš Žák, DrSc.  
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#### **Department of Phoniatics**

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#### **Department of Geriatrics**

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**Joint Institutions with Teaching Hospital Motol with Polyclinic****3<sup>rd</sup> Department of Surgery**

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#### Joint Institutions with Thomayer Teaching Hospital

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#### INSTITUTION OF THE FIRST FACULTY OF MEDICINE AT THE INSTITUTE OF RHEUMATOLOGY

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#### SCIENCE AND INFORMATION INSTITUTION OF THE FACULTY

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*The Christmas venue of the Faculty management with the staff of the Dean's Office.*



*The Christmas venue of the Heads of the Faculty's institutes and departments with other guests at the New Town Hall, where a new volume of the book *Chair for Faust* was introduced as well. The departmental manager of Prague 2 district authorities, Dr. Jitka Slavíková, was the patron of the book, published by Galén, Ltd.*

# 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  
 Institute of Nursing Theory and Practice

## Prague 5, V Úvalu 84

– Joint Workplaces with Teaching Hospital Motol  
 3<sup>rd</sup> Department of Surgery  
 Department of Otorhinolaryngology and Head and Neck Surgery  
 Department of Orthopaedics

## Prague 6, U Vojenské nemocnice 1200

– Joint Workplaces with Central Military Hospital Prague  
 Department of Neurosurgery  
 2<sup>nd</sup> Medical Department – Clinical Department of Gastroenterology and Hepatology  
 Department of Ophthalmology of the Central Military Hospital – Clinical Department of Ophthalmology of the First Faculty of Medicine

## Prague 8, Budínova 2

– Joint Workplaces with Teaching Hospital Na Bulovce  
 Department of Gynaecology and Obstetrics  
 Department of Surgery  
 3<sup>rd</sup> Department of Infectious and Tropical Diseases  
 Department of Plastic Surgery  
 Department of Orthopaedics  
 Department of Radiodiagnostics  
 Institute of Radiation Oncology

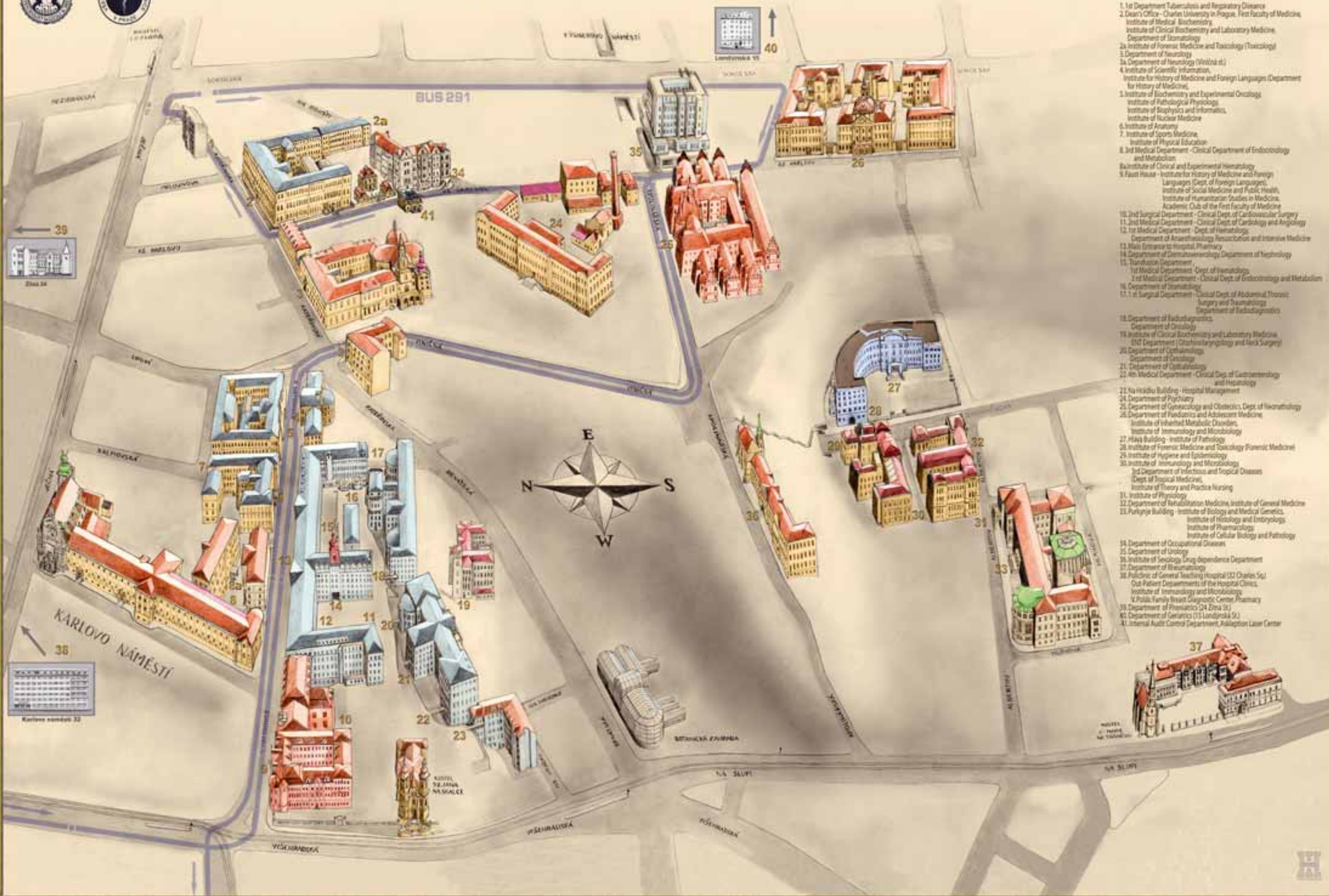
## Prague 2, Na Slupi 4

Department of Rheumatology

## Prague 2, U Nemocnice 1

– Joint Workplace with Institute of Haematology and Blood Transfusion  
 Institute of Clinical and Experimental Haematology

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



1. 1st Department Tuberculosis and Respiratory Disease
2. Dean's Office - Charles University in Prague, First Faculty of Medicine
3. Institute of Medical Biochemistry
4. Institute of Clinical Biochemistry and Laboratory Medicine
5. Department of Urology
6. Institute of Forensic Medicine and Toxicology (Toxicology)
7. Department of Neurology
8. Department of Neurology (Veitová St.)
9. Institute of Scientific Information
10. Institute for History of Medicine and Foreign Languages (Department for History of Medicine)
11. Institute of Biochemistry and Experimental Oncology
12. Institute of Pathological Physiology
13. Institute of Biophysics and Informatics
14. Institute of Nuclear Medicine
15. Institute of Anatomy
16. Institute of Sports Medicine
17. Institute of Physical Education
18. 3rd Medical Department - Clinical Department of Endocrinology and Metabolism
19. Institute of Clinical and Experimental Hematology
20. Faust House - Institute for History of Medicine and Foreign Languages (Dept. of Foreign Languages)
21. Institute of Social Medicine and Public Health
22. Institute of Humanitarian Studies in Medicine
23. Academic Club of the First Faculty of Medicine
24. 2nd Surgical Department - Clinical Dept. of Cardiovascular Surgery
25. 2nd Medical Department - Clinical Dept. of Cardiology and Angiology
26. 1st Medical Department - Dept. of Hematology
27. Department of Anesthesiology, Resuscitation and Intensive Medicine
28. Main Entrance to Hospital, Pharmacy
29. Department of Dermatology, Venereology, Departments of Hepatology
30. Transfusion Department
31. 1st Medical Department - Dept. of Hematology
32. 2nd Medical Department - Clinical Dept. of Endocrinology and Metabolism
33. Department of Otorhinolaryngology
34. 1st Surgical Department - Clinical Dept. of Abdominal, Thoracic, Surgery and Traumatology
35. Department of Radiodiagnosis
36. Department of Radiodiagnosis
37. Department of Oncology
38. Institute of Clinical Biochemistry and Laboratory Medicine
39. ENT Department (Otorhinolaryngology and Neck Surgery)
40. Department of Ophthalmology
41. Department of Ophthalmology
42. 4th Medical Department - Clinical Dept. of Gastroenterology and Hepatology
43. Ha Ha Building - Hospital Management
44. Department of Psychiatry
45. Department of Gynecology and Obstetrics, Dept. of Neonatology
46. Department of Pediatrics and Adolescent Medicine
47. Institute of Inherited Metabolic Disorders
48. Institute of Immunology and Microbiology
49. Haas Building - Institute of Pathology
50. Institute of Forensic Medicine and Toxicology (Forensic Medicine)
51. Institute of Hygiene and Epidemiology
52. Institute of Immunology and Microbiology
53. 2nd Department of Infectious and Tropical Diseases
54. Dept. of Tropical Medicine
55. Institute of Theory and Practice Nursing
56. Institute of Physiology
57. Department of Rehabilitation Medicine, Institute of General Medicine
58. Purkyň Building - Institute of Biology and Medical Genetics
59. Institute of Histology and Embryology
60. Institute of Pharmacology
61. Institute of Cellular Biology and Pathology
62. Department of Occupational Diseases
63. Department of Urology
64. Institute of Sociology, Drug dependence Department
65. Department of Rheumatology
66. Polyclinic of General Teaching Hospital (St. Charles Sq.)
67. Out-Patient Departments of the Hospital Clinics
68. Institute of Immunology and Microbiology
69. V. Polak Family Breast Diagnostic Centre, Pharmacy
70. Department of Phoniatrics (24 Zlata St.)
71. Department of Geriatrics (11 Londýňská St.)
72. Internal Audit Control Department, Anesthesia Laser Center



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