

Charles University in Prague
First Faculty of Medicine

Annual Report

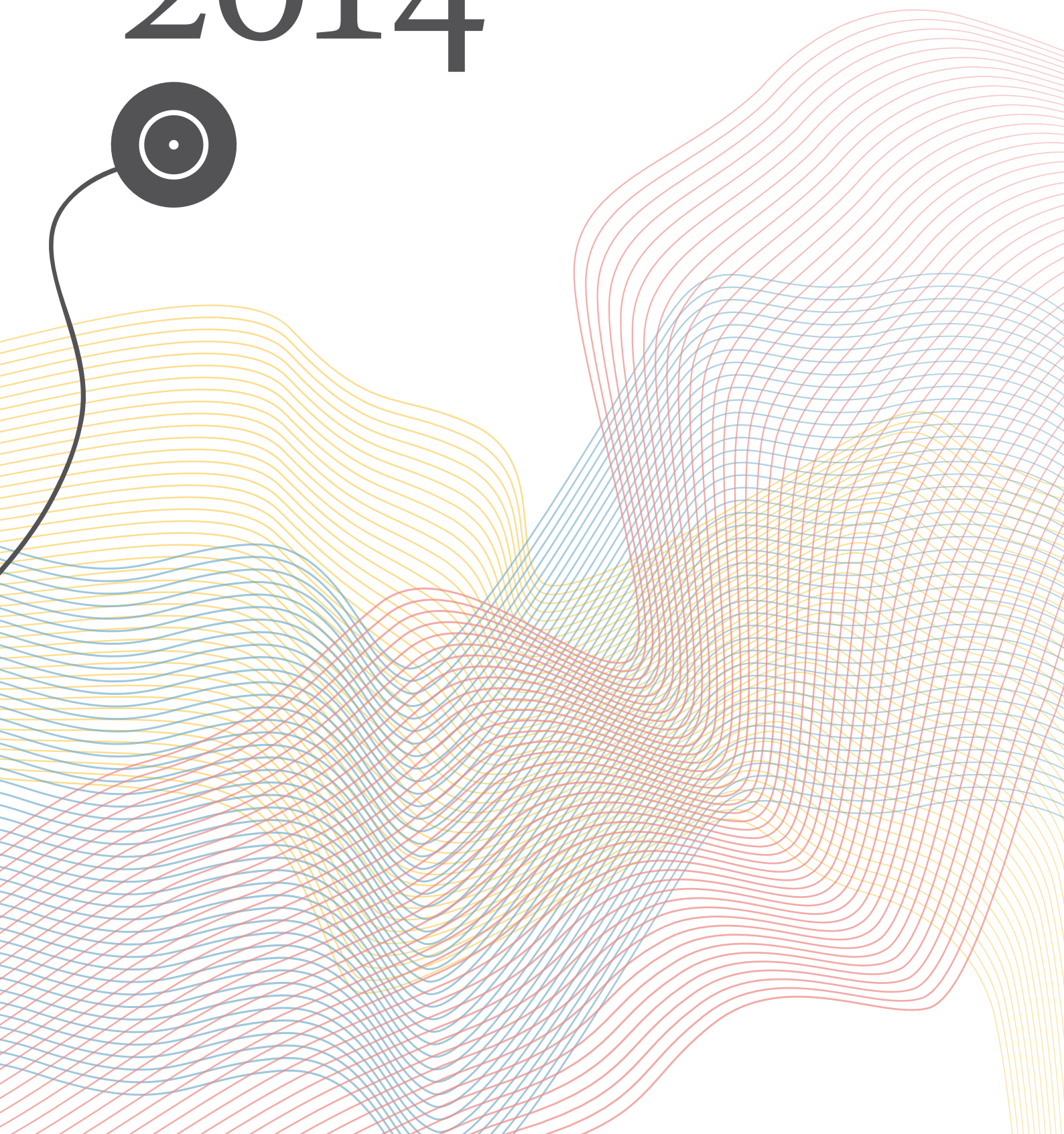
2014



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**I. LÉKAŘSKÁ
FAKULTA**
Univerzita Karlova

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

One of the things that show us how inexorably the time passes is the Annual Reports. But rather than as the hint of passing time they are important for their information value in stocktaking. The following chapters offer specific data and facts about all spheres of life of the faculty and about all important activities in our academic community. In this introduction, therefore, I will only give a brief account to provide an overview and an idea of how these spheres of our common work are joined.

In 2014, the Faculty enjoyed economic prosperity. This enabled us to increase the wage limits of our organization units and give their Heads the chance to better reward their staff, and at the same time to keep the students per teacher ratio, which is the best among all medical schools. We are going to continue the thorough evaluation of effectiveness of our particular activities and to adjust them accordingly so that the positive development can be sustained even under the conditions of instability of grants and subsidies.

We are happy with the considerably rising number of applicants for studies at our Faculty. However, we want to be a school that trains top quality physicians rather than a mass producer of graduates. To choose the best of those applicants, we have altered the system of entrance examinations. In addition, we started to introduce our school not only on the traditional Open Days but also through “Number One to Try” action, an event organized in co-operation with our students to acquaint top-graded high school leavers with the Faculty. Continuously, we update the curricula and teach in Czech as well as in English. In 2014 we achieved extension of the US accreditation of our education for another six years. Authors from our Faculty published a good number of excellent monographs and textbooks. All the said facts are confirmed by a number of national and professional awards won by our teachers and scientists, including the Werner von Siemens Prize in the category for the Best Educationalist, won by professor Stanislav Štípek.

In the sphere of postgraduate education, the First Faculty of Medicine was one of the first faculties at Charles University to introduce an electronic system of evaluation of all students enrolled for Doctor degree programmes. We looked after gradual re-adjustment of the composition of the Field Boards and took the first steps towards better integration of our visiting professors from abroad in our postgraduate students’ training.

We established the Department of Strategic Development to help the researchers identify suitable sources of grants, as well as prepare and present development projects. One example of a success in this field is our participation in the Research and Development for Innovation operation programme call, which provided considerable resources for technological development of the Faculty’s units, and above all, for establishment of the unique Advanced Pre-clinical Imaging Centre. Further, we carry on working on the projects Kampus and Biocev, which we prepare considering both their scientific content and economic sustainability. All these activities are essential to maintaining our position of the most efficient scientific institution in the sphere of biomedical sciences. Through allotting the finance coming from institutional funding of science as well as the money for running costs by the actual performance of particular teams, we support efficient “scientific schools” and successful grant-holders. Regrettably, these resources, mainly due to the policy of their distribution at the government level, keep rather shrinking year by year. To keep up the good scientific and educational output of the school, and to keep its economic results “in the black”, the importance of the Faculty’s own economic activities is still increasing.

Organization units of the Faculty achieved a good number of outstanding results. One example is accreditation of the European Committee for Urology for specialty training of residents, which the Faculty gained, or also the fact that the Faculty became one of the two European training centres for implantation of the innovative leadless pacemaker Nanostim, St. Jude Medical, USA. Within the training programme, the Faculty is visited by top European cardiologists. Also in 2014 we were organizers or co-organizers of many prestigious world conferences, symposiums and workshops.

The Faculty is really active in its “third role” too. It is a respected and remarkable institution or “institutional citizen” in public life. It’s not only particular specialists that attract the attention of the media but also new projects such as Medialogues, the

communication project focused on important medical and social topics. A new styling of visuals was developed as well as the Faculty's new promotional video, and our you-tube channel is being developed. There was a number of events to inform professional as well as general public about the life of the Faculty and also serve popularization of science and medicine, above all promoting prophylactic and educational projects. I am really happy that an important role in these activities is played by our students as well. Also co-operation with our sponsors was put on a systematic basis.

In 2014, also several capital construction projects were finished, which are meant to increase the comfort of the environment for our staff and students. All these activities are be dealt with in more detail in the particular section of our website.

The Faculty's intranet was established to improve the access to information for the academic community. It provides information on things such as efficiency of particular organization units in training of postgraduate students, on wage limits for the units related to their educational workload, on the scientific output of the units – not only in terms of quantity but also expressing the ratio of the first and corresponding authors from the respective unit ("scientific schools"), on complete results of evaluation of tuition by students, etc. To facilitate communication across the academic community, we publish the bulletin *Jednička* [Number one] and take part in joint publication of the journal *Křižovatka* [Crossroad] together with the General University Hospital.

I am happy to mention our reliable and friendly partnership with our co-operating health care facilities. Also the co-operation within the Association of Medical Faculties is good and we can rely on it, which has become a tradition. As the most important common topics, we consider the methods of funding the medical schools with stress on the aspects of quality, on improvement in organization of postgraduate education and cultivation of funding of science.

Many thanks to all our academic citizens and collaborators for their energy and creativity, dedicated to the Faculty in 2014, and I hope that, thanks to their enthusiasm, our Faculty will be "Number One" in 2015 again.



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

We, directors of big University Hospitals, usually take the habit of start our opening speeches with some pessimism, which always reflects the current condition of health care in the Czech Republic. Nevertheless, with the last year in hindsight there is some reason for moderate optimism. It isn't as if the General University Hospital did not encounter any difficulties at all or we did not have to fight on many fronts at the same time and in vain, but even so the last year was successful and fruitful for our Hospital in many ways. And equally successful and fruitful was our co-operation with the First Faculty of Medicine.

The cardinal issue for the General University Hospital was to keep the budget balanced. And we succeeded in doing it. Sustaining the scope of contracted centre care, necessary investment in modernization of our units and rehabilitation of our historic buildings, constantly increasing labour costs ... There were a lot of challenges we encountered in the last year. And the result? With the turnover of 7,222,688,000 Czech crowns, the General University Hospital closed the last year statement in the active balance of CZK 521,000.

And there is more good news. In June, the Hospital won the Certificate of Quality, by which the Joint Accreditation Board appreciated the results of the long-term process that we had launched in 2007 to promote, maintain and improve quality of the care we provide. The assets of this accreditation for our patients and staff is obvious but I believe it will influence the graduates of the First Faculty of Medicine when they are considering where to start their professional career.

Last August we started installation of a new, advanced radiation therapy device, which is unique in this country. When this installation is finished, this will put our joint unit at the Department of Oncology back in the top position in radiotherapy, where the Department belongs, considering its scientific output and tradition.

Of course, not only therapeutic and prophylactic care but also scientific and research activity constitute the scope of activities of the General University Hospital in Prague. The main partner is, naturally, the First Faculty of Medicine of Charles University. Further, the Hospital co-operates with health care institutions in the vicinity, institutes of the Academy of Sciences of the Czech Republic, Czech Technical University and other university-level schools as well as industrial companies.

Apart from its own research project, the Hospital is involved, above all, in projects supported by the Internal Grant Agency of the Ministry of Health, but also a project supported by the Ministry of Industry and Commerce. The close co-operation between the General University Hospital and the First Faculty of Medicine provides a basis for creation of the most prominent alliance of institutions of biomedical research in the Czech Republic.

According to the approved final results of the 2013 evaluation, based on the Methodology of evaluation of results of research organizations and evaluation of completed programmes, the results recorded for the General University Hospital and the First Faculty of Medicine are 32,228.773 points and 65,150.842 points, respectively. These results, beyond doubt, prove the high proportion of these institutions in the total output of biomedical research in the Czech Republic.

One of the other important activities of the General University Hospital in Prague is education, which covers all areas of training of health professionals as well as the other staff allied to health care. The total number of 38 foundation and 24 core specialties for doctors are accredited, and another 4 specialization fields for non-medical health professions. Further, the General University Hospital provides placements for both doctors and non-medical professions. In 2014, twenty-six placements were offered, and 21 of them were taken. The education office of the General University Hospital also provided training courses for non-medical professions: 12 certification courses and one qualifying course.

In the sphere of education, the Hospital together with Charles University – the First Faculty of Medicine implemented the OPPA project Innovation of doctor degree study programme in addictology at the General University Hospital in Prague and Charles University in Prague – the First Faculty of Medicine, and recent prospects in biomedicine, co-financed by the European Social Fund.

For all that, and much other good news I would like to thank you, all our colleagues, for the work done in 2014. I do believe that the coming year will be equally successful, that the co-operation between the General University Hospital and the First Faculty of Medicine will deepen again, and above all, that we will be able to enjoy all these achievements in good health. And that is my best wish to you in the new year.

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



ACADEMIC SENATE

The Academic Senate of the First Faculty of Medicine of Charles University in Prague hold its sessions in the calendar year of 2014 ten times. Apart from the basic agenda, such as discussion and adoption of the plan of the numbers of students to be admitted for the academic year 2014–2015, amounts of postgraduate student bursaries in 2014–2015, amendments to some internal regulations, changes in important positions (such as the proposals for appointment of the Vice-dean for Development of the Faculty, members of the Scientific board of the Faculty, candidate for the Council of University Schools and its board), discussion about prospective, current and final reports on the Faculty's economy, possible organization changes etc., the Senate also dealt with the hot topics of the academic community, considering that the buttress of the Faculty's prosperity is elaborate university legislation, institutional funding of the Faculty, above all, of education and science, income from own economic activities but also, on the other hand, high standards of work output in all scientific disciplines.

The Academic Senate of the Faculty faced a real challenge when it had to organize the successful procedure of the election to the Academic Senate of Charles University for the period of 2015–2018. In its January session, the Academic Senate also passed the Concept of development of non-medical health professions at the First Faculty of Medicine of Charles University in Prague for 2014–2018, which is not meant to increase the quantity of students but rather continue the well-established programmes at higher levels of studies.

At the Dean's proposal, the Academic Senate agreed on establishing a new organization unit of the Faculty – the Department of Infectious Diseases of the First Faculty of Medicine and Central Army Hospital.

Institutional support for science – the PRVOUK programme – was the topic for discussion in the March session of the Academic Senate. The distribution of the finance should be arranged in such a way as to make the projects as productive as possible. The Academic Senate approved on the distribution of PRVOUK finance for 2014 as proposed. Pinpointed was the essential responsibility of the PRVOUK project leaders.

Further, the Academic Senate started the discussion about the ethic code of the First Faculty of Medicine. This discussion contin-

COMPOSITION OF THE ACADEMIC SENATE (FOR THE TERM OF 2013–2016)

Chairman: prof. MUDr. Přemysl Strejc, DrSc.

Vice-Chairman: MUDr. Miroslav Důra

Teachers' representatives:

doc. MUDr. Petr Bartůněk, CSc.
prof. MUDr. Petr Broulík, DrSc.
MUDr. Jan Bříza, CSc., MBA
prof. MUDr. Eva Havrdová, CSc.
prof. MUDr. Pavel Klener, DrSc.
prof. MUDr. Zdeněk Krška, DrSc.
prof. MUDr. Alois Martan, DrSc.
prof. MUDr. Pavel Pařko, DrSc.
prof. MUDr. Jiří Raboch, DrSc.
prof. MUDr. Jan Roth, CSc.
prof. MUDr. Karel Smetana, DrSc.
prof. MUDr. Stanislav Štípek, DrSc.
doc. MUDr. Petra Tesařová, CSc.
MUDr. Jan Živný, Ph.D.

Students' representatives:

MUDr. Lukáš Bajer
MUDr. Jiří Beneš
Hana Dittrichová
Michal Hodas
Jan Horejsek
Petra Kňázeková
Kristýna Kučerová
Natalie Malinová
PaedDr. Josef Marcoň
doc. MUDr. Ondřej Naňka, Ph.D.
Stanislav Smutný
Michal Španko
František Vaňásek
MUDr. Martin Vejražka, Ph.D.

ued in the April session too. A special focus was on co-operative atmosphere in mutual relations among colleagues. Subsequently, the Academic Senate approved on the proposed changes in the Faculty's Ethic Code.

The Academic Senate discussed and accepted the report on evaluation of tuition in the academic year 2012–2013 by students. More and students take part in the evaluation every year, and the top staff appreciate this too, trying to solve the critical issues with the Dean. All the parties involved show interest in constant improvement, and the results of the poll are again better than the year before.

The Senate also discussed the proposed changes in tuition of morphological subjects in the first year of studies, changes in credits and prerequisites in the second year and adjustment of prerequisites in the third year, as agreed on by the management of all the institutes involved. These can all be implemented without affecting the number of tuition hours for students, and the teaching staff is ready for the new arrangement, which was approved on by the Academic Senate.

In the May session of the Academic Senate, an increased 2014 budget was on the agenda. Further, the Senate discussed and unanimously approved the dissolution of the Institute of Spa Medicine of Charles University – the First Faculty of Medicine, as it did not meet the requirements provided by its Statute.

After the Legislation Board had passed some minor changes to the Appendix 2 to the Statute of Charles University in Prague, the University's grant regulations and its Regulations for Evaluation of Tuition by Students, these were consulted with the relevant vice-deans, and as there were no essential objections, the Academic Senate expressed its general consent to the said changes.

The report on the conditions of entrance procedures and alterations to them was dealt with by the Academic Senate in lively discussion in the June session, and it was accepted. Those applicants that have studies mathematics as a compulsory subject in their last four years at the secondary school and were graded not worse than "Very good" will gain a 10-point bonus.

In the September session, the Academic Senate dealt with the situation in non-medical health education programmes, assessing efficiency of all these programmes. Co-operation with a health and nursing college run by the city authorities would provide a beneficial solution.

The October session approved the schedule and details of organization of election to the Academic Senate of Charles University for the term of 2015–2018, which would take place on 11th and 12th November 2014. We owe special thanks to the election board and all the collaborating staff and students. The senate Legislation Board and the Academic Senate as a whole had no substantial objections to the submitted proposal of minor changes to the University statute and its Appendix 8. One recommendation was that per rollam vote should be considered. Also in the Academic Senate of the First Faculty of Medicine this option might be an asset, when the members are supposed to express their standpoint between sessions. Further, members of the Academic Senate of the First Faculty of Medicine were informed about the meeting of the legislation board of the Academic Senate of Charles University, which was held on 1st September 2014. The agenda was to discuss the definite wording of the bill of the amendment to the University Act.

In its November session, the Academic Senate accepted the report on the smooth course of the election to the Academic Senate of Charles University and its results; and congratulated our representatives elected – J. Raboch, S. Štípek, P. Křázková and F. Vaňásek. Special thanks to the chairman and members of the election board were expressed.

Further, the Academic Senate approved the proposal of bursaries for outstanding progress in studies for the academic year 2013–2014.

The Senate was continuously kept informed by the Dean and members of his Board about current activities of the Faculty. It took care of manning of competition boards by the Senate members. The Academic Senate kept an eye on the Senators' Page on the Faculty's website, which had proved to be an excellent means of communication with the public; student members of the Senate took part in operation of this the web page too.

Eventually, I would like to express sincere thanks to members of the Academic Senate, and students, teachers and other staff for all their dedicated work for the benefit of our Faculty and Charles University.

Thanks to the Dean of the First Faculty of Medicine, Prof. Aleksi Šedo, who considerably contributed to the Faculty's special atmosphere, which was friendly and conducive to work, as well as to Ms Soubustová, the Bursar, for her assistance in all spheres of our activity.

MANAGEMENT OF THE FACULTY

Dean: prof. MUDr. Aleksi Šedo, DrSc.

prof. MUDr. Tomáš Hanuš, DrSc.

– *Vice-Dean for Clinical Education*

Vice-Deans:

prof. MUDr. Jana Dušková, DrSc., MBA

prof. MUDr. Otomar Kittnar, CSc., MBA

– *Vice-Dean for Stomatology/Dentistry*

– *Vice-Dean for International Students and Social Affairs*

prof. RNDr. Libuše Kolářová, CSc.
 – *Vice-Dean for Grant Projects and Postgraduate Doctoral Studies*
 Ing. Ivan Mikula, Ph.D.
 – *Vice-Dean for Development of the Faculty*
 prof. PhDr. Michal Mioviský, Ph.D.
 – *Vice-Dean for Non-Medical Study Programmes*
 doc. MUDr. Martin Vokurka, CSc.
 – *Vice-Dean for Students' Affairs and Theoretical and Pre-Clinical Education*
 prof. MUDr. Aleš Žák, DrSc.
 – *Vice-Dean for Scientific Activities*

Members of Dean's Office Board:

doc. MUDr. Petr Bartůněk, CSc.
 prof. MUDr. Jan Betka, DrSc.
 MUDr. Miroslav Důra
 doc. MUDr. et MUDr. René Foltán, Ph.D.
 Mgr. Dana Jurásková, Ph.D., MBA
 prof. MUDr. Zdeněk Krška, DrSc.
 Natalie Malinová
 prof. MUDr. Alois Martan, DrSc.
 prof. MUDr. Pavel Martásek, DrSc.
 prof. MUDr. David Sedmera, DrSc.
 prof. MUDr. Karel Smetana, DrSc.
 Ing. Eva Soubustová, MBA
 prof. MUDr. Přemysl Strejč, DrSc.
 prof. MUDr. Jan Škrha, DrSc., MBA
 MUDr. Martin Vejražka, Ph.D.

SCIENTIFIC BOARD

Chairman: prof. MUDr. Aleksi Šedo, DrSc.

prof. MUDr. Vladimír Bencko, DrSc.
 prof. MUDr. Vladimír Beneš, DrSc.
 prof. MUDr. Jan Betka, DrSc.
 prof. MUDr. Jan Borovanský, CSc.
 prof. MUDr. Evžen Čech, DrSc. (died 12 July 2014)
 prof. MUDr. Jan Daneš, CSc.
 prof. MUDr. Pavel Dungal, DrSc.
 prof. MUDr. Jana Dušková, DrSc.
 doc. MUDr. et MUDr. René Foltán, CSc.
 prof. MUDr. Miloš Grim, DrSc.
 doc. MUDr. Petr Hach, DrSc., Dr. med. h. c. (died 24 May 2014)
 prof. MUDr. Zdeněk Hájek, DrSc.
 prof. MUDr. Tomáš Hanuš, DrSc.
 prof. MUDr. Otomar Kittnar, CSc.
 prof. RNDr. Libuše Kolářová, CSc.
 prof. MUDr. Robert Lischke, Ph.D. (since 17 June 2014)
 prof. MUDr. Soňa Nevšimalová, DrSc.
 prof. MUDr. Hana Papežová, DrSc.
 prof. MUDr. Karel Pavelka, DrSc.
 doc. MUDr. PhDr. Jan Payne, Ph.D.
 prof. MUDr. Daniela Pelclová, CSc.

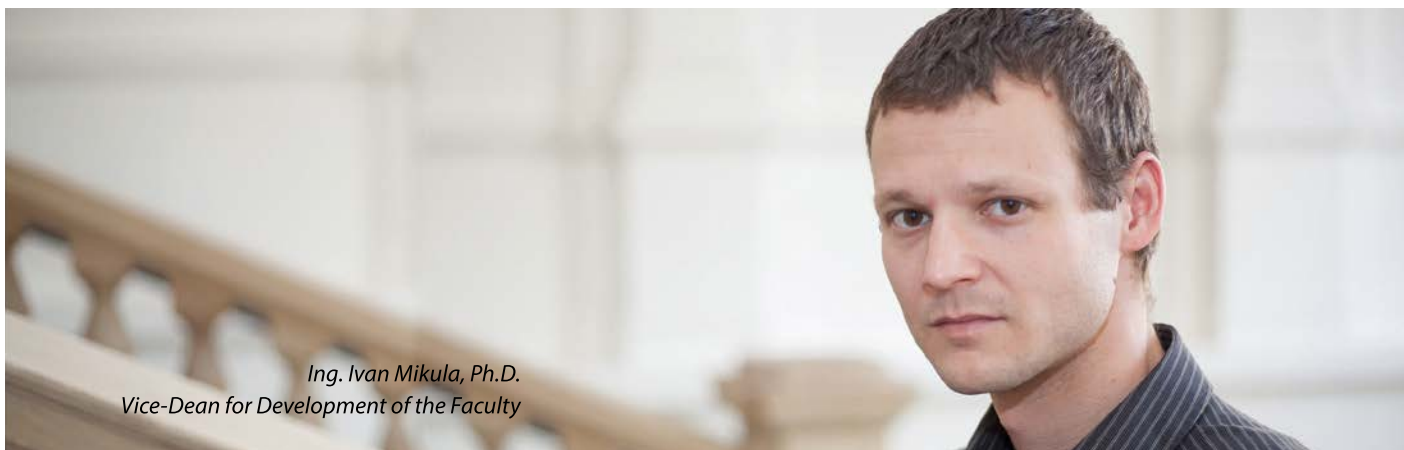
prof. MUDr. František Perlík, DrSc.
 prof. MUDr. Luboš Petruželka, CSc.
 prof. MUDr. Ctibor Povýšil, DrSc.
 prof. MUDr. Evžen Růžička, DrSc.
 prof. PhDr. Milada Řihová, CSc.
 prof. MUDr. Antonín Sosna, DrSc.
 prof. MUDr. Štěpán Svačina, DrSc.
 doc. MUDr. Marek Šetina, CSc. (since 26 June 2014)
 prof. MUDr. Jiří Štokr, CSc.
 doc. MUDr. Jan Šváb, CSc.
 prof. MUDr. Vladimír Tesař, DrSc.
 prof. MUDr. Marek Trněný, DrSc.
 prof. MUDr. Libor Vítek, Ph.D.
 doc. MUDr. Martin Vokurka, CSc.
 prof. MUDr. Jiří Zeman, DrSc.
 prof. MUDr. Tomáš Zima, DrSc. (resigned 31 January 2014)
 prof. MUDr. Aleš Žák, DrSc.

External members of the Scientific Board:

prof. RNDr. Pavel Anzenbacher, DrSc.
 RNDr. Martin Bilej, DrSc.
 prof. MUDr. Radim Brdička, DrSc.
 prof. Ing. Petr Dvořák, CSc. (resigned 25 June 2014)
 doc. MUDr. Vojtěch Hainer, CSc.
 doc. MVDr. Aleš Hampl, CSc. (since 26 June 2014)
 prof. RNDr. Milan Kodíček, CSc.
 prof. MUDr. Zdeněk Kolář, DrSc.
 MUDr. Jan Kopecký, DrSc.
 RNDr. Jaroslav Kuneš, DrSc.
 prof. MVDr. Ivan Míšek, CSc.
 prof. MUDr. Jindřich Mourek, DrSc.
 RNDr. Šárka Němečková, DrSc.
 prof. MUDr. Radovan Pilka, Ph.D. et Ph.D. (since 17 October 2014)
 prof. Ing. Rudolf Poledne, CSc.
 prof. MUDr. Martin Smrčka, Ph.D.
 prof. MUDr. Pavel Šlampa, CSc.
 prof. MUDr. Josef Syka, DrSc.
 doc. MUDr. Jan Veverka, CSc.
 prof. Ing. Jiří Witzany, DrSc.

Foreign members of the Scientific Board:

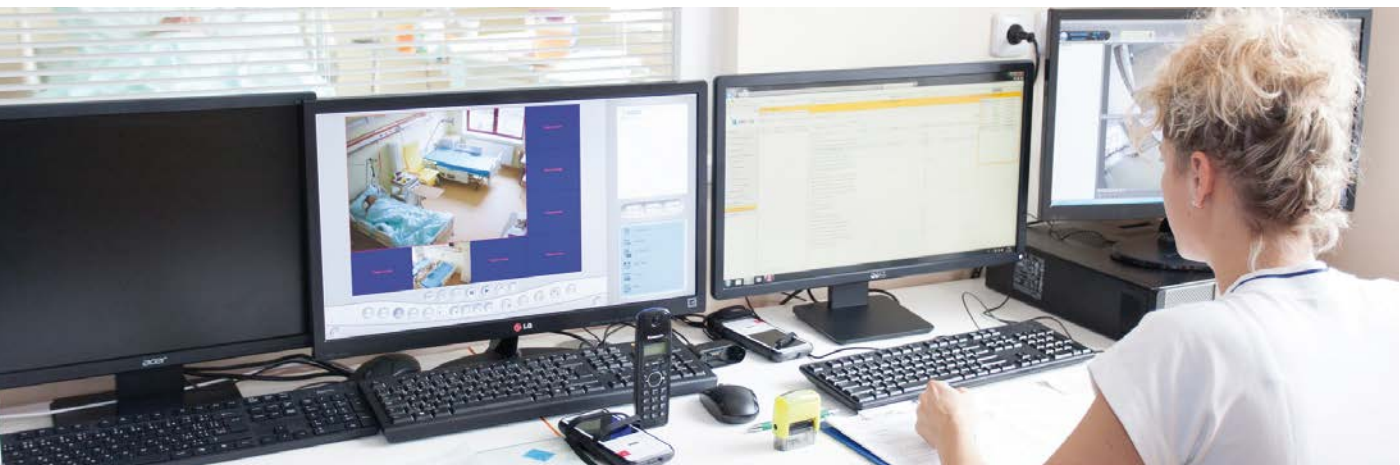
Eugene Garfield, Ph.D.
 prof. Dr. Josef Kadlec, S. J.
 prof. Dr. Jan Klášterský
 MUDr. Tomáš Klíma, CSc.
 prof. Dr. Gérard Michel London
 prof. Dr. Jiří Městecký
 prof. Dr. Přemysl Poňka
 prof. Dr. Josef T. Prchal
 prof. Dr. Alexandr Schirger
 prof. Dr. Emil Skamene
 prof. MUDr. Adolf Stafel, Ph.D.
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



*Ing. Ivan Mikula, Ph.D.
Vice-Dean for Development of the Faculty*

In 2014, several organizational changes were undertaken at the Faculty. At the Central Army Hospital – Military University Hospital, another scientific and educational unit of the Faculty was created, called the Department of Infectious Diseases; the Department of Traumatology of the Locomotor System was transformed to the Department of Orthopaedics of the First Faculty of Medicine and the Central Army Hospital; and the Department of Neurosurgery became the Department of Neurosurgery and Neurooncology of the First Faculty of Medicine and the Central Army Hospital. Another two joint units ran together with the General University Hospital were transformed – the Department of Oral, Mandibular and Facial Surgery and the Institute of Clinical and Experimental Stomatology merged to form the Department of Stomatology of the First Faculty of Medicine and the General University Hospital. The last organizational change was dissolution of the Institute of Spa Medicine of the First Faculty of Medicine.

Within the Faculty's administrative machinery, the new Department of Strategic Development was established last year. Its aim is to increase efficiency both in gaining finance for investment from public as well as private sources and in its distribution. Its responsibilities include creation of a "project storage tank", which means gathering the ideas and proposals of develop-



APPOINTMENT OF PROFESSORS AND ASSOCIATE PROFESSORS IN 2014



ment projects, integration of such projects, selection and matching to specific resources of finance as well as the search of new resources available. Another important task, particularly from the view of the academic staff, is administrative support for originators of the ideas in creation of project applications and the subsequent “project management” for the successful ones. The staff of the department, in co-operation with the respective sections of the Rector Office, will also be responsible for updating of the list of available subsidy programmes, active search for other possibilities of development of the Faculty (such as conferences, courses, workshops, inter-institutional co-operation, international programmes and infrastructures, etc.) and support of technological transfer.

Survey of changes of Heads of the Faculty units in 2014

Institution	New Head
Institute of Nursing Theory and Practice	Mgr. Jana Heczková
Department of Infectious Diseases at Central Army Hospital	Prof. MUDr. Michal Holub, Ph.D.
Department of Orthopaedics at Motol University Hospital	Prof. MUDr. Ivan Landor, CSc.

Number of scientific and educational staff between 2012 and 2014

	2012		2013		2014	
	Actual number of staff	Average converted full-time positions	Actual number of staff	Average converted full-time positions	Actual number of staff	Average converted full-time positions
Total	1,625	722.874	1,694	754.660	1,691	741.963
Professors	140	93.107	154	102.169	159	103.662
Associate professors	180	120.013	177	112.714	182	112.065
Assistant professors	873	330.465	903	345.736	904	335.483
Assistants	124	33.178	128	39.657	129	40.452
Lecturers	55	16.423	60	18.234	66	19.079
Research staff	253	129.688	272	136.150	251	131.222

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

Survey of composition of the staff in 2013–2014 by age

Age	Percentage	
	2013	2014
under 29 years	8.99	13.00
30–39 years	26.76	26.00
40–49 years	23.63	23.00
50–59 years	20.12	18.00
60 years and above	20.51	20.00

Department of Infectious Diseases of the First Faculty of Medicine and Military University Hospital, Prague

In 2014 the Scientific Board of the First Faculty of Medicine performed 9 procedures for appointment to professor posts, all of which were approved and proposals were passed to the Rector Office of Charles University for further procedures. The Scientific Board of Charles University in Prague discussed 11 proposals from the First Faculty of Medicine; all the proposals were approved on and submitted to the Ministry of Education, Youth and Sports of the Czech Republic for further procedures. In 2014 the President of the Czech Republic appointed 12 new professors, who had passed the procedures of appointment at the First Faculty of Medicine.

Further, the Scientific Board of the First Faculty of Medicine performed 15 habilitation procedures. In 2014, the Rector of Charles University appointed 22 Associate Professors who had passed the habilitation procedures at the First Faculty of Medicine of Charles University in Prague.

Numbers of appointment procedures passed in the Scientific Board of the First Faculty of Medicine (2010–2014)

	2010	2011	2012	2013	2014
Professors	7	12	19	6	9
Associate Professors	18	7	16	18	15

Professors appointed in 2014

Name, establishment	Field	Scientific Board of Faculty	Scientific Board of University	Appointed with the effect from
Assoc. Prof. MUDr. Věra Adámková, CSc. Department of Nephrology of the First Faculty of Medicine and General University Hospital; Institute of Clinical and Experimental Medicine, Prague	hygiene and epidemiology	27 Nov 2012	25 Apr 2013	1 Mar 2014
Assoc. Prof. MUDr. Ivo Paclt, CSc. Department of Psychiatry of the First Faculty of Medicine and General University Hospital	psychiatry	27 Nov 2012	27 June 2013	1 Mar 2014
Assoc. Prof. MUDr. Ivan Špička, CSc. 1 st Medical Department of the First Faculty of Medicine and General University Hospital	internal medicine	18 Dec 2012	26 Sep 2013	1 Mar 2014
Assoc. Prof. MUDr. RNDr. Petr Maršálek, Ph.D. Institute of Pathological Physiology of the First Faculty of Medicine	medical informatics	25 Sep 2012	28 Nov 2013	1 Mar 2014
Assoc. Prof. PhDr. Petr Svobodný, Ph.D. Institute of History and Archives of Charles University; Institute for History of Medicine and Foreign Languages of the First Faculty of Medicine	history of medicine	26 Feb 2013	27 June 2013	1 Mar 2014
Assoc. Prof. MUDr. Ladislav Šenolt, Ph.D. Department of Rheumatology of the First Faculty of Medicine and Institute of Rheumatology	internal medicine	26 Feb 2013	28 Nov 2013	1 Mar 2014
Assoc. Prof. MUDr. Ján Benetin, CSc. 1 st Department of Neurology of the Medical Faculty – Slovak Health University; University Hospital Bratislava	neurology	30 Apr 2013	30 Jan 2014	19 Sep 2014
Assoc. Prof. MUDr. Robert Jech, Ph.D. Department of Neurology of the First Faculty of Medicine and General University Hospital	neurology	28 May 2013	27 Feb 2014	19 Sep 2014
Assoc. Prof. MUDr. Miloslav Roček, CSc. Department of Imaging Techniques of Charles University – the Second Faculty of Medicine and University Hospital Motol	radiology	25 June 2013	31 Oct 2013	1 Mar 2014
Assoc. Prof. MUDr. Ondřej Slanař, Ph.D. Institute of Pharmacology of the First Faculty of Medicine and General University Hospital	medical pharmacology	26 Nov 2013	27 Mar 2014	19 Sep 2014
Assoc. Prof. MUDr. Manuela Vaněčková, Ph.D. Department of Radiodiagnostics of the First Faculty of Medicine and General University Hospital	radiology	25 Feb 2014	19 June 2014	19 Sep 2014

Name, establishment	Field	Scientific Board of Faculty	Scientific Board of University	Appointed with the effect from
Assoc. Prof. MUDr. Pavel Komínek, Ph.D. ENT Department of the Medical Faculty of Palacký University and the University Hospital in Olomouc; ENT Department of the University Hospital in Ostrava	otorhinolaryngology	25 Mar 2014	19 June 2014	19 Sep 2014

Associate Professors appointed in 2014

Name, establishment	Field	Title of the thesis	Defended at Scientific Board of the Faculty	Appointed with the effect from
MUDr. Dan Wichterle, Ph.D. 2 nd Medical Department of the First Faculty of Medicine and General University Hospital	internal medicine	Pathophysiology of heart rate turbulence and its use in stratification of the risk of sudden heart death	27 May 2014	1 Oct 2014
Mgr. Kateřina Jirsová, Ph.D. Institute of Inherited Metabolic Disorders of the First Faculty of Medicine and General University Hospital	medical biology and genetics	Preparation of the cornea for transplantation: History, present, future	24 Sep 2013	1 Mar 2014
MUDr. Vilém Danzig, Ph.D. 2 nd Medical Department of the First Faculty of Medicine and General University Hospital	internal medicine	Role of biomarkers in the issues of cardiorenal interactions	26 Nov 2013	1 Feb 2014
MUDr. Tomáš Krechler, CSc. 4 th Medical Department of the First Faculty of Medicine and General University Hospital	internal medicine	Contribution of some laboratory parameters to diagnosis and pathogenesis of pancreas carcinoma	26 Nov 2013	1 Mar 2014
MUDr. Helena Žemličková, Ph.D. State Health Institute	medical microbiology	Study into the species <i>Streptococcus pneumoniae</i>	29 Oct 2013	1 Feb 2014
MUDr. Robert Rusina, Ph.D. Department of Neurology of Thomayer Hospital in Prague and the Institute of Further Education in Health; Department of Neurology of the First Faculty of Medicine and General University Hospital	neurology	Neurodegenerative disorders – clinical, neuropsychological and neuropathological aspects	24 Sep 2013	1 Feb 2014
MUDr. Rastislav Hromádka, Ph.D. Department of Orthopaedics of the First Faculty of Medicine and the Motol University Hospital; Institute of Anatomy of the First Faculty of Medicine	orthopaedics	Optimization of parameters of implantation of the shoulder hemiarthroplasty	17 Dec 2013	1 Mar 2014
Ing. Jaroslav Hrabák, Ph.D. Institute of Microbiology of the Medical Faculty in Plzeň	medical microbiology	Mechanisms of origin and spread of resistance to β -lactam antibiotics and enterobacteria pseudomonades	29 Oct 2013	1 Feb 2014
MUDr. Eva Pokorná, CSc. Institute of Clinical and Experimental Medicine, Prague; Department of Nephrology of the First Faculty of Medicine and General University Hospital; Third Faculty of Medicine	internal medicine	Biopsy of the donor's kidney as a tool to judge suitability of the organ for transplantation	24 Sep 2013	1 Jan 2014
MUDr. Jan Kunstýř, Ph.D. Department of Anaesthesiology, Resuscitation and Intensive Medicine of the First Faculty of Medicine and General University Hospital	anaesthesiology and resuscitation	Complex programme of surgical treatment for chronic thromboembolic lung hypertension from the viewpoint of an anaesthetist and physician in intensive care	28 Jan 2014	1 May 2014
Ing. Stanislav Kmoč, CSc. Institute of Inherited Metabolic Disorders of the First Faculty of Medicine and General University Hospital	medical biology and genetics	Study into molecular nature of rare heritable diseases	29 Oct 2013	1 Mar 2014
MUDr. Oto Melter, Ph.D. Institute of Medical Microbiology of the Second Faculty of Medicine and the Motol University Hospital	medical microbiology	Proof of molecular typing of MRSA, SCV <i>Staphylococcus aureus</i> , <i>Bartonella henselae</i> and <i>Bartonella quintana</i> strains in Czech Republic	27 May 2014	1 Oct 2014

PROCEDURES FOR APPOINTMENT TO PROFESSOR POSTS AT THE SCIENTIFIC BOARD OF THE FIRST FACULTY OF MEDICINE OF CHARLES UNIVERSITY IN 2014



Assoc. Prof. MUDr. Manuela Vaněčková, Ph.D.

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

Appointment procedure in the field of **radiology**

Scientific Board of the First Faculty of Medicine on 25 Feb 2014

Title of the lecture: Magnetic resonance imaging and multiple sclerosis

Scientific Board of Charles University on 19 June 2014

Appointed with the effect from 19 Sep 2014

Assoc. Prof. MUDr. Pavel Komínek, Ph.D.

ENT Department of the Medical Faculty of Palacký University and the University Hospital in Olomouc; ENT Department of the University Hospital in Ostrava

Appointment procedure in the field of

otorhinolaryngology

Scientific Board of the First Faculty of Medicine on 25 Mar 2014

Title of the lecture: Interventional therapy for lacrimal pathway obstruction in children

Scientific Board of Charles University on 19 June 2014

Appointed with the effect from 19 Sep 2014

Assoc. Prof. MUDr. Petr Štádler, Ph.D.

2nd Surgical Department of the First Faculty of Medicine and General University Hospital; Hospital Na Homolce

Appointment procedure in the field of **surgery**

Scientific Board of the First Faculty of Medicine on 29 Apr 2014

Title of the lecture: Unique robot-assisted vascular operations in the era of mini-invasive surgery

Scientific Board of Charles University on 25 Sep 2014

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

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

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

Scientific Board of the First Faculty of Medicine on 27 May 2014

Title of the lecture: Idiopathic lung fibrosis: Influence of gene polymorphism of cytokines on its occurrence and

phenotype

Scientific Board of Charles University on 27 Nov 2014

Assoc. Prof. MUDr. David Kužel, CSc.

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

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

Scientific Board of the First Faculty of Medicine on 24 June 2014

Title of the lecture: Modern hysteroscopy

Scientific Board of Charles University on 27 Nov 2014

Assoc. Prof. MUDr. Tomáš Paleček, Ph.D.

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

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

Scientific Board of the First Faculty of Medicine on 24 June 2014

Title of the lecture: Diagnosis of cardiomyopathy at the beginning of the 21st century

Scientific Board of Charles University on 18 Dec 2014

Assoc. Prof. Ing. Oľga Križanová, DrSc.

Institute of Molecular Physiology and Genetics of the Slovak Academy of Sciences

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

Scientific Board of the First Faculty of Medicine on 30 Sep 2014

Title of the lecture: Dr. Jekyll or Mr. Hyde – what is the role of calcium and its transporting systems in tumours?

Scientific Board of Charles University on 18 Dec 2014

Assoc. Prof. MUDr. Marie Kunešová, CSc.

Institute of Endocrinology; 4th Medical Department of the First Faculty of Medicine and the General University Hospital

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

Scientific Board of the First Faculty of Medicine on 21 Oct 2014

Title of the lecture: Obesity: prevalence and therapy

Scientific Board of Charles University on 18 Dec 2014

Assoc. Prof. MUDr. Petr Urbánek, CSc.

Medical Department of the First Faculty of Medicine and the Central Army Hospital

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

Scientific Board of the First Faculty of Medicine on 25 Nov 2014

Title of the lecture: Viral hepatitis C yesterday, today... and tomorrow?

Scientific Board of Charles University on 29 Jan 2015

MUDr. Dana Horáková, Ph.D. Department of Neurology of the First Faculty of Medicine and General University Hospital	neurology	Multiple sclerosis – complex observation of activity of the disease using MRI volumetric methods. Application of results in clinical practice	27 May 2014	1 Oct 2014
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MUDr. Jan Kunstýř, Ph.D.

Department of Anaesthesiology, Resuscitation and Intensive Care of the First Faculty of Medicine and General University Hospital

Habilitation procedure in the field of **anaesthesiology and resuscitation**

Scientific Board of the First Faculty of Medicine on 28 Jan 2014

Title of the lecture: Complex programme of surgical treatment for chronic thromboembolic lung hypertension from the viewpoint of an anaesthetist and physician in intensive care

Appointed with the effect from 1 May 2014

MUDr. David Kemlink, Ph.D.

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

Habilitation procedure in the field of **neurology**

Scientific Board of the First Faculty of Medicine on 28 Jan 2014

Title of the lecture: Genetic and association study in restless legs syndrome

Appointed with the effect from 1 May 2014

MUDr. Evžen Křepela, CSc.

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

Department of Pneumology and Thoracic Surgery of the Third Faculty of Medicine and the Bulovka Hospital

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

Scientific Board of the First Faculty of Medicine on 28 Jan 2014

Title of the lecture: Regulators of cysteine cathepsins and apoptotic proteases in lung carcinoma

Appointed with the effect from 1 May 2014

MUDr. Jan Bělohávek, Ph.D.

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

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

Scientific Board of the First Faculty of Medicine on 25 Feb 2014

Title of the lecture: Extracorporeal membrane oxygenation in refractory cardiac arrest

Appointed with the effect from 1 June 2014

MUDr. Ivan Netuka, Ph.D.

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

Institute of Clinical and Experimental Medicine, Prague

Habilitation procedure in the field of **cardiosurgery**

Scientific Board of the First Faculty of Medicine on 25 Feb 2014

Title of the lecture: Implantable mechanical heart supports in surgical treatment of terminal heart failure

Appointed with the effect from 1 May 2014

MUDr. Tomáš Fait, Ph.D.

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

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

Scientific Board of the First Faculty of Medicine on 25 Mar 2014

Title of the lecture: Hormone replacement therapy and the cardiovascular system

Appointed with the effect from 1 June 2014

MUDr. Milada Zemanová, Ph.D.

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

Habilitation procedure in the field of **oncology**

Scientific Board of the First Faculty of Medicine on 28 May 2013

Title of the lecture: Concomitant chemoradiotherapy in treatment of advanced tumours in the lungs and oesophagus

Appointed with the effect from 1 June 2014

MUDr. Dita Maixnerová, Ph.D.

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

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

Scientific Board of the First Faculty of Medicine on 29 Apr 2014

Title of the lecture: Markers and genetic factors influencing the progression of renal insufficiency in IgA nephropathy

Appointed with the effect from 1 July 2014

MUDr. Oto Melter, Ph.D.

Institute of Medical Microbiology of the Second Faculty of Medicine and the Motol University Hospital

Habilitation procedure in the field of **medical microbiology**

Scientific Board of the First Faculty of Medicine on 27 May 2014

Title of the lecture: Bartonellae and neglected Bartonella infections

Appointed with the effect from 1 Oct 2014

MUDr. Dana Horáková, Ph.D.

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

Habilitation procedure in the field of **neurology**

Scientific Board of the First Faculty of Medicine on 27 May 2014

Title of the lecture: Multiple sclerosis – complex observation of activity of the disease using MRI volumetric methods.

Application of results in clinical practice

Appointed with the effect from 1 Oct 2014

MUDr. Dan Wichterle, Ph.D.

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

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

Scientific Board of the First Faculty of Medicine on 27 May 2014

Title of the lecture: Pathophysiology of heart rate turbulence and its use in stratification of the risk of sudden heart death

Appointed with the effect from 1 Oct 2014

Ing. Karel Holada, Ph.D.

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

Habilitation procedure in the field of **medical microbiology**

Scientific Board of the First Faculty of Medicine on 30 Sep 2014

Title of the lecture: Prions, cell prion protein and blood cells

Appointed with the effect from 1 Nov 2014

MUDr. Tomáš Kovárník, Ph.D.

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

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

Scientific Board of the First Faculty of Medicine on 30 Sep 2014

Title of the lecture: Use of intravascular ultrasound in interventional cardiology

Appointed with the effect from 1 Nov 2014

MUDr. Ondřej Beran, Ph.D.

Department of Infectious and Tropical Diseases of the First Faculty of Medicine and the Bulovka Hospital;

Department of Infectious Diseases of the First Faculty of Medicine and Central Army Hospital

Habilitation procedure in the field of **infectious diseases**

Scientific Board of the First Faculty of Medicine on 21 Oct 2014

Title of the lecture: Importance of biomarkers in pathophysiology and diagnosis of selected infectious diseases

Appointed with the effect from 1 Jan 2015

MUDr. Petra Lišková, Ph.D.

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

Habilitation procedure in the field of **medical biology and genetics**

Scientific Board of the First Faculty of Medicine on 25 Nov 2014

Title of the lecture: Molecular genetic study of posterior cornea dystrophies

Appointed with the effect from 1 Jan 2015

MUDr. Jan Bělohávek, Ph.D. 2 nd Medical Department of the First Faculty of Medicine and General University Hospital	internal medicine	Extracorporeal membrane oxygenation in refractory cardiac arrest: Pathophysiological aspects and potential role in clinical practice	25 Feb 2014	1 June 2014
MUDr. Tomáš Fait, Ph.D. Department of Gynaecology and Obstetrics of the First Faculty of Medicine and General University Hospital	gynaecology and obstetrics	Hormone replacement therapy and the cardiovascular system	25 Mar 2014	1 June 2014
MUDr. David Kemlink, Ph.D. Department of Neurology of the First Faculty of Medicine and General University Hospital	neurology	Genetic and association study in restless legs syndrome	28 Jan 2014	1 May 2014
MUDr. Evžen Křepela, CSc. Institute of Biochemistry and Experimental Oncology of the First Faculty of Medicine; Department of Pneumology and Thoracic Surgery of the Third Faculty of Medicine and the Bulovka Hospital	medical chemistry and biochemistry	Cysteine proteases and their regulators in lung carcinoma	28 Jan 2014	1 May 2014
MUDr. Dita Maixnerová, Ph.D. Department of Nephrology of the First Faculty of Medicine and General University Hospital	internal medicine	Markers and genetic factors influencing the progression of renal insufficiency in IgA nephropathy	29 Apr 2014	1 July 2014

MUDr. Milada Zemanová, Ph.D. Department of Oncology of the First Faculty of Medicine and General University Hospital	oncology	Issues of multimodal therapy of malignant tumours in the lungs and oesophagus	25 Mar 2014	1 June 2014
MUDr. Ivan Netuka, Ph.D. 2 nd Surgical Department of the First Faculty of Medicine and General University Hospital; Institute of Clinical and Experimental Medicine, Prague	cardiosurgery	Implantable mechanical heart supports in surgical treatment of terminal heart failure	25 Feb 2014	1 May 2014
Ing. Karel Holada, Ph.D. Institute of Immunology and Microbiology of the First Faculty of Medicine and General University Hospital	medical microbiology	Prions and prion diseases	30 Sep 2014	1 Nov 2014
MUDr. Tomáš Kovárník, Ph.D. 2 nd Medical Department of the First Faculty of Medicine and General University Hospital	internal medicine	Use of intravascular ultrasound in interventional cardiology	30 Sep 2014	1 Nov 2014



HABILITATION PROCEDURES TO APPOINT ASSOCIATE PROFESSORS, PASSED IN THE SCIENTIFIC BOARD OF THE FIRST FACULTY OF MEDICINE IN 2014



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

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

Specialty:	Right to perform habilitation procedures:	Right to perform procedures to appoint professors:
Anatomy, histology and embryology	until 1 Nov 2019	until 1 Nov 2019
Anaesthesiology and resuscitation	until 31 May 2018	–
Dermatovenereology	until 31 Jan 2020	until 31 Jan 2020
History of medicine	until 31 July 2022	until 31 July 2022
Gynaecology and obstetrics	until 18 Nov 2015	until 18 Nov 2015
Hygiene and epidemiology	until 1 Nov 2019	until 1 Nov 2019
Surgery	until 18 Nov 2015	until 18 Nov 2015
Infectious diseases	until 31 Dec 2015	until 31 Dec 2015
Cardiosurgery	until 31 May 2022	until 31 May 2022
Clinical biochemistry	until 1 Nov 2019	until 1 Nov 2019
Medical biophysics	until 18 Nov 2015	until 18 Nov 2015
Medical biology and genetics	until 1 Nov 2019	until 1 Nov 2019
Medical chemistry and biochemistry	until 18 Nov 2015	until 18 Nov 2015
Medical pharmacology	until 1 Nov 2019	until 1 Nov 2019
Medical physiology	until 18 Nov 2015	until 18 Nov 2015
Medical immunology	until 1 Nov 2019	until 1 Nov 2019
Medical informatics	until 1 Nov 2019	until 1 Nov 2019
Medical microbiology	until 1 Nov 2019	until 1 Nov 2019
Medical psychology	until 1 Nov 2019	until 1 Nov 2019
Neurosurgery	until 30 Nov 2019	until 30 Nov 2019
Neurology	until 18 Nov 2015	until 18 Nov 2015
Nuclear medicine	until 31 Mar 2017	until 31 Mar 2017
Ophthalmology	until 18 Nov 2015	until 18 Nov 2015
Oncology	until 1 Nov 2019	until 1 Nov 2019
Orthopaedics	until 18 Nov 2015	until 18 Nov 2015
Otorhinolaryngology	until 1 Nov 2019	until 1 Nov 2019
Pathological physiology	until 1 Nov 2019	until 1 Nov 2019
Pathology	until 31 Jan 2020	until 31 Jan 2016
Paediatrics	until 1 Nov 2019	until 1 Nov 2019
Occupational medicine	until 31 Dec 2015	until 31 Dec 2015
Psychiatry	until 1 Nov 2019	until 1 Nov 2019
Radiology	until 18 Nov 2015	until 18 Nov 2015
Rehabilitation medicine	until 31 May 2018	–
Sexology	until 31 Jan 2020	until 31 Jan 2016
Forensic medicine	until 1 Nov 2019	until 1 Nov 2019
Stomatology	until 31 Jan 2020	until 31 Jan 2016
Urology	until 31 Dec 2015	until 31 Dec 2015
Internal medicine	until 18 Nov 2015	until 18 Nov 2015

EDUCATION

BRANCHES OF STUDIES

At present, Charles University – the First Faculty of Medicine provides university education in the following scope:

- Master studies in General Medicine and in Dentistry;
- Bachelor studies in the study programme Specialization in Health in the fields of addictology; physiotherapy; occupational therapy; nutritional therapy;
- Bachelor studies in the study programme Nursing in the field of general nursing;
- follow-up Master studies in the study programme Specialization in Health in the fields of addictology; nursing in anaesthesiology, resuscitation and intensive care; intensive care; occupational therapy.

The programmes of general nursing, addictology and nutritional therapy can be studied in the combined form of studies too. In the fields of general medicine and dentistry, the tuition is performed in English language as well. This is provided for self-paying international students.

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

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

ORGANIZATION OF STUDIES

The study is divided into one-year sections, and for evaluation of the progress the system of credit points is used. When enrolling for a section of studies, a student has the option of choice from a list of compulsory and facultative subjects. A good deal of the agenda concerning the studies is done in the electronic form through the Student Information System of Charles University (SIS). To settle their agenda, the students can come to the Department of Students' Affairs, as well.

ENTRANCE PROCEDURES, PREPARATION AND CO-OPERATION WITH PROSPECTIVE STUDENTS

New students for the academic year 2014–2015 were admitted to the programmes of General medicine and Dentistry by the scores of written tests in physics, chemistry and biology. Some of the students were admitted to the programmes of General Medicine and Dental Medicine on the basis of excellent study results of their secondary education. There were 4,714 applications for the entrance procedure for the studies of general medicine and dentistry, and 1,451 applications for other Master

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



programmes and Bachelor programmes. Without the entrance tests, 325 applicants were admitted to study general medicine (those with average secondary school marks at 1.17 or below) and 30 applicants to study dental medicine (with average secondary school marks at 1).

Entrance procedures to Bachelor degree programmes and follow-up Master programmes were conducted in a similar way, but in some of these programmes, apart from the scores of the tests (physics, chemistry, biology), also the previous experience of the field was taken into consideration, or another test was done to evaluate special knowledge of the field and – for the programme of Addictology – personal motivation and psychological competences were assessed in an interview as well. Within the term provided by law, the Faculty received 171 appeals from those who failed in the entrance procedures. In the appellate procedures, the Rector Office of Charles University allowed none of the appeals but – vice versa – confirmed all of the Dean's decisions.

For those wishing to apply for studies, the Faculty has been providing preparatory classes in those subjects that are included in the entrance examination tests; in one of the courses the basic Latin was taught as well. On Sunday 10th January 2014, the traditional Open Day took place at the Faculty, which also took part in the University's Info Day in November and presented its study programmes at the Gaudeamus education fair.

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	Limit rate in the test	Number of appeals	Appeals out of those examined (per cent)	Appeals out of those not admitted (per cent)
2010-2011	General medicine	2,447	1,646	539	151	300	50.33%	139	8.44%	23.64%
	Dentistry	987	742	78	230	300	76.66%	62	8.36%	9.60%
	Total	3,434	2,388	617				201	8.42%	16.30%
2011-2012	General medicine	2,694	1,841	649	151	300	50.33%	166	9.02%	22.72%
	Dentistry	1,124	893	72	253	300	84.33%	62	6.94%	7.55%
	Total	3,818	2,734	721				228	8.34%	14.95%
2012-2013	General medicine	3,145	2,403	488	183	300	61%	131	5.45%	6.84%
	Dentistry	1,312	1,013	79	268	300	89.30%	69	6.81%	7.36%
	Total	4,457	3,416	567				200	5.85%	7.02%
2013-2014	General medicine	3,273	2,438	559	199	300	66.33%	143	5.86%	7.61%
	Dentistry	1,115	915	64	287	300	95.66%	57	6.23%	6.70%
	Total	4,388	3,353	623				200	5.96%	7.33%
2014-2015	General medicine	3,580	2,470	469	210	300	70%	89	3.60%	4.46%
	Dentistry	1,134	851	55	287	300	95.66%	36	4.23%	4.44%
	Total	4,714	3,321	524				125	3.76%	4.45%

STUDIES IN GENERAL MEDICINE

General medicine is the core field of studies at the Faculty, and it takes six years. The first three years are mainly about theoretical and pre-clinical subjects.

Theoretical and pre-clinical studies

In 2014, the following changes and innovations occurred in theoretical and pre-clinical studies:

The use of simulation methods in tuition was intensified. The Simulator Centre at the Institute of Physiology was further developed, and its capacity was extended to ca. 750 students per semester. Apart from the Institute of Physiology, simulation methods are piloted in tuition by some other institutes, such as the Department of Department of Anaesthesiology, Resuscitation and Intensive Medicine, the 3rd Medical Department, the 1st Surgical Department, and – in prospect – the Institute of Pathological Physiology.

The Institute of Pharmacology prepared e-learning support for seven topics in pharmacology in intensive care. A seminar room equipped with computer technology to enable interactive tuition of clinically applied pharmacokinetics as well as therapeutic modelling of concentration of medications was rendered fully operable.

The Institute of Biophysics and Informatics gained finance for innovation of practical classes from the 2014 framework programme Charles University Institutional Plan – profile setting and innovation of study programmes at the subject/course level. Thanks to the project named Innovation of tuition of medical biophysics, testing of students' aimed at creation of new e-learning study materials, new equipment was purchased and new tasks for practical training were created: spirometer, ECG set, audiometer linked to a PC. Smooth full function of the new devices and clearness of the new tasks for students was tested. In the academic year 2013–2014, a new set to test high-school knowledge of physics (12 presentations). This test was taken by students of Charles University – the First Faculty of Medicine, the Third Faculty of Medicine and the Medical Faculty in Plzeň, and the Medical Faculty of Masaryk University in Brno, the total number being 1.047. The statistical processing of the data enabled to gain information which facilitated creation of a new, more appropriate set of testing questions for the academic year 2014–2015. The results were made available to students in the MOODLE 1. LF UK application.

The Institute of Biochemistry and Experimental Oncology optimized the syllabus of lectures for both the winter and summer semester. The course of seminars was revised and submitted for public inspection and discussion. With the Institute of Clinical Biochemistry and Laboratory Medicine, they harmonized the examining questions and unified the criteria for credits.

The Institute of Biology and Medical Genetics, promoting new approaches to testing, widely implemented the ROGO testing programme, now used in 3 intermediate tests for students in the 1st and 2nd year of General Medicine.

The Institute of Cell Biology and Pathology organized the practical course Advanced Techniques in Electron Microscopy (20th–24th October 2014) as an elective subject.

The Institute for History of Medicine and Foreign Languages organized a national meeting of representatives of language

institutes at medical schools in the Czech Republic, called Conceptual prospects of language teaching at medical schools, which took place on 9th September 2014. This event facilitated exchange of professional experience among specialists in the sphere of language teaching, both in modern and classical languages, and gave a stimulus for a fair number of decisions concerning organization and concepts of education in languages for special purposes in the sphere of medicine. One specific output is the engagement of the Institute for History of Medicine and Foreign Languages for the academic year 2014–2015 as a pilot tester of the IMPACT programme project by the colleagues from Masaryk University in Brno, an online platform for teaching Czech language in clinical settings, called Mluvtecesky.net.

The Institute of Clinical Biochemistry and Laboratory Medicine created new presentations of case studies in 2014, as part of the Charles University development project (Clinical Biochemistry: Innovation of electronic course) and put them on website: ulbld.lf1.cuni.cz/prednasky-ke-stazeni. Further, the electronic course of Clinical Biochemistry was completed with presentations including audio comments in English, and software support for teachers was provided to enable the use of the electronic balloting device for on-line evaluation of class and credit tests in medical and clinical biochemistry. This way, the balloting device was integrated in problem oriented teaching to enable testing of the knowledge.

At the Institute of Pathology, the seminary room was refurbished in December 2013 and January 2014, and video conference connection to the lecture hall was installed.

CLINICAL TEACHING

In 2014, all clinical institutions of the First Faculty of Medicine compiled a list of questions in Czech language for each specialty at the Faculty so that English speaking students could use them in communication with patients, and most institutions updated the web pages for the students as well.

At the 1st Surgical Department, the textbook Speciální chirurgie [Special surgery] was written for the nation-wide use of undergraduate as well as postgraduate students, and an international monograph Chirurgická onkologie [Surgical oncology] was published at the Grada house. Fitting out of the simulator laparoscopy centre at the department was carried on.

The 2nd Surgical Department introduced new teaching aids – specially designed cases containing an array of vascular and cardiosurgical replacements that the department applied. The department enabled for on-line observation of procedures performed in the lecture hall and interactive work with the videos in theoretical tuition.

The Department of Dermatology and Venereology won a grant from the Fund of Development of Schools of Higher Education to equip more classrooms with computer technology, a data projector and dermatoscopes.

The Institute of Pharmacology put a seminar room equipped with computer technology in full operation, which enabled interactive teaching of clinically applied pharmacokinetics and therapeutic monitoring of concentrations of medicinal drugs.

The Department of Geriatrics displayed a new title for English-speaking students on its e-learning server, Comprehensive geriatric assessment in the emergency department – identification of seniors at risk.

The Department of Gynaecology and Obstetrics prepared a new e-learning programme Electrosurgery in gynaecologic practice.

In March 2014, the new Department of Infectious Diseases as a joint clinical and educational institution of the First Faculty of Medicine and the Central Army Hospital. The newly built clinical unit includes a seminar room for 24 persons, equipped with audiovisual devices.

The Department of Otorhinolaryngology and Head and Neck Surgery further develop the credit system where points are allotted to particular assignments by their importance.

The Department of Occupational Medicine published the 3rd edition of the textbook Nemoci z povolání a intoxikace [Occupational diseases and poisonings] at the Karolinum publishing house.

The Department of Rehabilitation Medicine took advantage of the project Modernization and upgrade of technological equipment for the Ictus Centre of the integrated operational programme co-financed by the European Union from the European Fund of Regional Development, and purchased two robotic devices Armeo Spring – Hocoma and Amadeo – Tyromotion, using them in undergraduate education as well, and they carry on co-operating with the Faculty of Biomedical Engineering of the Czech Technical University within the activity of the Centre of Application Output Support and Spin-off Companies.

The Department of Oncology created an e-learning textbook www.onkokurz.cz; an important aspect of the tuition is orientation to what they call “key competencies”.

The Department of Urology organized the compulsory specialization course Andrological urology and the course of 3D laparoscopy for consultants in the Czech Republic. They obtained an important international certificate for training of European residents in specialization of urology.

The Institute of Biochemistry and Experimental Oncology and the Institute of Clinical Biochemistry and Laboratory Medicine harmonized the examination questions and unified the List of requirements for credits.

The Institute of Clinical Biochemistry and Laboratory Medicine created new presentations of case studies within the Charles University 2014 development project Clinical Biochemistry: Innovation of the electronic course (the study materials for case studies in Clinical Biochemistry – see ulbld.lf1.cuni.cz/prednasky-ke-stazeni); further, the electronic course of Clinical Bio-

chemistry was innovated by addition of audio presentations in English language and the teachers and lecturers were provided with software support for the TuningPoint electronic balloting device for on-line evaluation of class and examination tests in medical and clinical biochemistry. This way, the balloting device was introduced to problem-oriented tuition to enable testing of the knowledge.

The Institute of Public Health and Medical Law performs unification of education in medical law for all medical faculties of Charles University.

Students – Czech nationals

Branch	1 st year	2 nd year	3 rd year	4 th year	5 th year	6 th year	Total
General medicine	345	359	320	318	257	240	1,839
Dentistry	41	55	64	79	75	–	314
Nursing – full-time	4	11	10	–	–	–	25
Nursing – combined	36	26	37	–	–	–	99
Addictology – full-time	29	24	18	–	–	–	71
Addictology – combined	34	28	26	–	–	–	88
Occupational therapy	–	19	19	–	–	–	38
Physiotherapy	29	26	31	–	–	–	86
Nutritional therapy – full-time	27	26	18	–	–	–	71
Nutritional therapy – combined	46	34	23	–	–	–	103
Master – Occupational therapy – full-time	19	–	–	–	–	–	19
Master – Intensive care – combined	28	–	–	–	–	–	28
Master – Nursing in anaesthesiology, resuscitation and intensive care	–	21	–	–	–	–	21
Master Addictology – full-time	25	31	–	–	–	–	56
Master Addictology – combined	29	15	–	–	–	–	44
Total	691	675	567	397	332	240	2,902

International students (plus paying students plus study stays)

Branch	1 st year	2 nd year	3 rd year	4 th year	5 th year	6 th year	Total
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Prof. MUDr. Jana Dušková, DrSc., MBA
Vice-Dean for Stomatology/Dentistry

General medicine (+ paying students + study stays)	165 (+ 108 + 37)	148 (+ 141 + 0)	93 (+ 96 + 3)	89 (+ 73 + 10)	75 (+ 71 + 21)	68 (+ 80 + 1)	638 (+ 569 + 72)
Dentistry (+ paying students + study stays)	10 (+ 7 + 6)	15 (+ 17 + 0)	14 (+ 18 + 0)	7 (+ 17 + 0)	8 (+ 22 + 0)	–	54 (+ 81 + 6)
Nursing – full-time	–	–	1	–	–	–	1
Nursing – combined	–	2	5	–	–	–	7
Addictology – full-time	–	1	1	–	–	–	2
Addictology – combined	3	1	2	–	–	–	6
Occupational therapy	–	–	–	–	–	–	–
Physiotherapy	4	2	3	–	–	–	9
Nutritional therapy – full-time	3	2	–	–	–	–	5
Nutritional therapy – combined	3	–	1	–	–	–	4



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

Master – Occupational therapy	–	–	–	–	–	–	–
Master – Nursing in anaesthesiology, resuscitation and intensive care	–	3	–	–	–	–	3
Master – Intensive care – combined	2	–	–	–	–	–	2
Master Addictology – full-time	2	4	–	–	–	–	6
Master Addictology – combined	–	1	–	–	–	–	1
Total (+ paying students + study stays)	192 (+ 115 + 43)	179 (+ 158 + 0)	120 (+ 114 + 3)	96 (+ 90 + 10)	83 (+ 93 + 21)	68 (+ 80 + 1)	738 (+ 650 + 78)

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

Branch	Czech	International
General medicine	324	145
Dentistry	43	12
Nursing – full-time	–	–
Nursing – combined	28	–
Addictology – full-time	24	2
Addictology – combined	27	2
Occupational therapy	–	–
Physiotherapy	27	3
Nutritional therapy – full-time	23	1
Nutritional therapy – combined	39	3
Master – Intensive care – combined	21	2
Master – Occupational therapy – full-time	19	–
Master Addictology – full-time	21	2
Master Addictology – combined	26	–
Total	622	172

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

Number of students: Czech / international (incl. paying students + study stays)	2010	2011	2012	2013	2014
General medicine	1,661/1,156 (550)	1,877/1,268 (613)	1,780/1,194 (606)	1,878/1,315 (667)	1,839/1,279 (569 + 72)
Dentistry	293/127 (90)	334/145 (98)	358/165 (110)	345/160 (102)	314/141 (81 + 6)
Nursing – full-time	53/9	53/8	46/5	47/2	25/1
Nursing – combined	119/5	138/9	131/8	115/9	99/7
Addictology – full-time	88/3	81/7	75/3	68/3	71/2
Addictology – combined	112/9	119/4	107/7	98/7	88/6
Occupational therapy	58/4	53/2	54/–	55/–	38/–
Physiotherapy	81/25	79/8	79/5	80/8	86/9
Nutritional therapy – full-time	44/8	54	59/–	65/2	71/5
Nutritional therapy – combined			44/1	72/1	103/4

Number of students: Czech / international (incl. paying students + study stays)	2010	2011	2012	2013	2014	
Master – Occupational therapy		–	–	–	–	19/–



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

Number of students: Czech / international (incl. paying students + study stays)	2010	2011	2012	2013	2014	
Master – Intensive care / Nursing in anaesthesiology, resuscitation and intensive care – full-time		39	9/3 32	60/5	49/5	21/3
Master – Intensive care – combined		–	–	–	–	28/2
Master Addictology – full-time		27/0	54/1	57/3	57/4	56/6
Master Addictology – combined				19/–	31/1	44/1

Alumni of the First Faculty of Medicine

Programme of studies	2010/2011	2011/2012	2012/2013	2013/2014	
General medicine		288	263	241	265
Dentistry		48	31	68	69
Nursing		15	38	41	36
Occupational therapy		15	14	10	6
Physiotherapy		23	20	22	20
Addictology		35	34	43	32
Medical technology		7	8	1	–



*MUDr. Martin Vejražka, Ph.D.
Member of Dean's Office Board*

Nutritional therapy		11	16	16	11
Master – Medical technology and informatics		30	8	1	–

Master – Intensive care	25	5	1	–
Master – Nursing in anaesthesiology, resuscitation and intensive care	–	–	23	26
Master – Addictology	–	10	15	25
English parallel – General medicine	39	51	44	64
English parallel – Dentistry	9	12	12	13
Total	545	510	538	569

STUDIES IN DENTISTRY

Like in the years before, the interest to enter the studies was enormous in 2014. With 1,134 applications mailed in, admitted to study were 62 most successful applicants and another 9 enrolled for the studies in English.

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

In 2014, the dental clinical training continued in the form it had taken in 2012–2013, and was considerably intensified thanks to continuous improvements of equipment at the training premises. For the training of students, in particular those in their 5th year, an adequate number of co-operative patients were provided as well. The start of tuition in the final year as early as in mid-September proved best, as the students get a chance to complete the training in medical subjects (such as ENT and Internal medicine), including the respective exams, before they take the crucial placements preceding the State Exams.

EDUCATION IN NON-MEDICAL HEALTH CARE FIELDS

Non-medical health programmes at the First Faculty of Medicine continued implementing their long-term concept, whose emphasis is on the development of a long-term prospect of Charles University in Prague. The key step is gradual complementation of existing Bachelor degree programmes with respective follow-up Masters programmes. Doing so, we try to follow the aim of offering our prospective students with the option of continuing studies at the Faculty, and in future, to concentrate above all on the higher levels of education of non-medical health professionals, with the focus on quality of this education in clinical training as well as on its close union with activities in science and research. This helped us to obtain accreditations for follow-up Masters programmes in Occupational therapy and Nutritional therapy, and to reach the final stage in preparation of the follow-up Masters programme in Physiotherapy. Therefore we consider opening the new accredited study programmes in the academic year 2015–2016, or – in case of Physiotherapy – in 2016–2017.

The intention to obtain accreditation for the last planned Bachelor degree programme Midwifery was crowned with success after several years. We gained the accreditation in 2014, and the programme will be launched in 2015–2016 as well. Thereby the concepts planned in 2008 and 2012 were fulfilled, and the portfolio of non-medical study programmes at the Faculty is closed for the present. Accordingly, for the following period up to the expiration of the planned concept of non-medical programmes at the First Faculty of Medicine (which is 2018), three issues are priorities and their solution is critical. First, it is the said emphasis on promotion of quality in clinical training and better interconnection with scientific research activities, aiming at a higher scientific output above all. A pilot programme for this purpose is the doctoral (Ph.D.) study programme in Addictology, which began to develop successfully, which brings the first grant and publication outputs and even attracted the first international students in the regular four-year study.

Another crucial task is making the tuition of non-medical professions more economical and its rationalization in personnel and equipment aspects, as at present, with these programmes filled to capacity, the total load for the Faculty is too high and some ways must be found to reduce it. For this purpose, in 2014 the management of the Faculty launched an internal evaluation of non-medical programmes, which should be completed in 2015. One example of successful solution to the issue may be rationalization of tuition and improvement of its conditions at Mariánské Lázně, a. s., where joined efforts of the Faculty and the spa management resulted in considerable progress, beneficial for both students and teachers in the programmes of Physiotherapy and Nutritional therapy.

TUITION OF PAYING INTERNATIONAL STUDENTS

In 2014, the upward trend in the number of candidates for studies in English language continued. 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 IFMSA 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.

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 with the admission of the Czech Republic to the European Union in 2004. Another crucial change in the composition of the English-taught parallel class, however, is the continuous increase in students from North America and Africa.

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

In 2014, the First Faculty of Medicine continued the long-established tradition of visits organized for potential students and their parents, within the Open Days of English-taught study programmes. Another tradition we continued was the extra Open Day in spring for those students who take part in the preparatory course for our Faculty's entrance interviews, which was held in Great Britain.

Another important step was the establishment of an own organization of international students in 2001, which is in close contact with both Czech students' activities and the Faculty management. In 2014 this organization further developed its activities, including the publication of its proceedings at the website of the Faculty, and widened its scope in terms of social problems of international students. At the Faculty, this organization has got a room to use as an office and meeting venue. Further, the students' organization prepares its own cultural, social and sports events, including the International Medical Students' Ball in spring. Also co-operation between the students' organization and the Department of Students' Affairs expanded, which considerably enhances the quality of our presentations abroad and facilitates the start of studies for the fresh first-year students, when more experienced colleagues come to their assistance and help them to get oriented at the Faculty in the first days of the term. Moreover, they set up a consulting board for the first year students to assist them throughout the academic year in orientation to the system of studies as well as to cultural differences between their home countries and the Czech Republic. The board issued a special brochure for the fresh students as a permanent aid in these problems.

FURTHER ACTIVITIES OF THE FACULTY

Throughout the year, Faculty's presentations for general public were taking place, such as the Open Days of the First Faculty of Medicine, the Info Day of Charles University, the fair of higher and life-long education Gaudeamus in Prague and Brno. In 2014, the Faculty gave opinion and judged on 434 applications for recognition of university education abroad and qualifications according to international agreements, which was a 210 per cent rise compared to 2010, 40 per cent rise compared to 2011, 15 per cent rise compared to 2012, and the same increase compared to 2013. Most applicants (90 per cent) come from Ukraine, then Russia, Armenia, Azerbaijan, Belarus, Bosnia and Hercegovina, Kazakhstan, Serbia, Syria and Uzbekistan follow, plus some individuals from Georgia, India, Japan, Canada, Cuba, Libya, Moldova, Mongolia, Austria, Turkey and Great Britain.

ELECTRONIC SUPPORT OF TUITION

The First Faculty of Medicine has been one of the leading institutions in the sphere of electronic support of education of doctors and other health care professionals. As one of the charter members of the MEFANET association (www.mefanet.cz), it aims to promote the quality of electronic learning materials, effectiveness of their creation and co-ordination of current projects.

The most employed tools for electronic support of tuition in the Czech Republic is still the WikiSkripta (www.wikiskripta.eu), or in the English version WikiLectures (www.wikilectures.eu), which is run by the First Faculty of Medicine of Charles University. Its operation is secured by a large group of medical students, who support this project and at the same time learn how to complete professional texts.

At the First Faculty of Medicine, two learning management systems (LMS) are available at the time. These are the user-friendly environment Adobe Connect (el.lf1.cuni.cz) and the Moodle system (moodle.mefanet.cz). A great deal of the published electronic materials are also available through the educational portal of the First Faculty of Medicine (portal.lf1.cuni.cz), with access for medical students of other medical schools in the Czech Republic and Slovakia as well. The First Faculty of Medicine also founded and has been running the electronic storage of medical videos (www.medicalmedia.eu), which enables to store even clinically confidential materials and open them safely to medical students.

Much attention is paid to the support of good practice in testing the students' knowledge. In addition to methodological support, the First Faculty of Medicine takes an active part in the development of the top quality testing system Rogo (www.rogo.cz).

SPECIALTY TRAINING AND LIFE-LONG EDUCATION OF HEALTH CARE PROFESSIONALS

In 2014, the Department of Specialty Training and Life-long Education offered a wide scope of courses, seminars, workshops and lectures in compulsory specialty training of physicians and dentists as well as life-long education of health care professionals, designated not only for doctors and dentists but also for non-medical health care professionals (such as addictolo-

gists, physiotherapists, occupational therapists, laboratory staff or educationalists).

SPECIALTY TRAINING OF DOCTORS AND DENTISTS

In 2014, in keeping with the required rotation between the seven medical schools in the country, compulsory specialty courses were provided in all of the 39 basic medical and 3 dental specialties, which are a prerequisite for completion of the core training or admission to the specialty attestation exam. By the amendment to the Regulation # 185/2009 Coll., adopted on 1st February 2014, the scope of basic specialties for doctor was extended again, and Paediatric neurology and Occupational medicine were added, but no educational programmes have been issued for them, and nor for the four basic specialties for attestation training that had been included the year before.

It is Prof. MUDr. Jan Škrha, DrSc., MBA, that is responsible for specialty training at the Faculty, together with expert supervisors of all 46 particular specialties and the staff of the Department of Specialty Training and Life-long Education, who provide all the clerical and organizing work. Prof. Škrha is the Faculty's representative in the Co-ordinating Council of all the seven medical schools.

The activities connected with specialty training mainly pertain to the admission procedure for the particular specialty, recognition of practical experience in another specialty, and above all, organization and co-ordination of specialty attestation exams as well as compulsory pre-attestation courses or specializing courses.

Registration of doctors and dentists in specialty training is performed through the web application of the Ministry of Health. By 15th December 2014, the total number of 1,368 doctors and dentists were registered at our Faculty.

Compulsory courses always take place on the basis of inter-faculty rotation of all the seven medical faculties. Out of the total 135 courses prepared at all the schools, 29 courses (taking from 1 to 15 days) were implemented at the First Faculty of Medicine, and these were attended by 636 doctors and dentists. Despite the co-ordination of courses between the medical schools, organization of compulsory courses in the "small" specialties still is a problem in the economic aspect, and so it is in those specialties where the scope of nearly identical events is really wide. Due to the inadequate number of applicants, seven courses had to be cancelled.

Specialty attestation exams, too, were organized on the rotation basis on 15 various dates and in 15 specialties. The total of 128 doctors and 4 dentists took the oral and practical part of the specialty attestation exam, and the failure rate was 12 per cent. Most doctors registered for exams in Internal medicine, Rehabilitation and physical medicine, dermatovenereology and pathology.

Survey of compulsory specializing courses and seminars of Life-long Education and specialty attestation exams on at the First Faculty of Medicine in 2014

	Specializing courses	Attestation exams
Number of events/Number of participants	29/636	15/132

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

In 2014, the total of 122 courses of life-long education were organized and prepared, attended by 6,180 persons. These included 1,818 participants at courses and seminars, including clinical seminars (60) for doctors or non-medical professionals (e.g. addictologists) that were held at 17 departments and institutes of the First Faculty of Medicine as well as courses focused on development of teaching skills for teachers of the Faculty. Apart from the standard courses, four courses certified by the Ministry of Health and six by Ministry of Education, Youth and Sport for addictologists were given, as well as two certified by the Ministry of Agriculture to obtain authorization for design and performance of experiments on animals. Another 62 educational events for 4,362 physicians of various profiles were implemented in co-operation with commercial subjects.

Also in this category of educational events, six courses that had been prepared had to be cancelled due to the lack of participants, even though the latter would be given the respective number of credits for the said courses, pursuant to Professional Regulation 16 of the Czech Medical Chamber and arrangements of other professional (non-medical) organizations as well as accreditations of the Ministry of Health, the Ministry of Education, Youth and Sport, and the Ministry of Agriculture.

Survey of courses and seminars of Life-long Education at the First Faculty of Medicine in 2014

	Courses & seminars for doctors	Courses for non-medical professions	Courses in co-operation with pharmaceutical companies	Total
Number of events/Number of participants	60/1,818	62/4,362	122/6,180	60/1,818

The Department of Specialty Training and Life-long Education offers up-to-date information about specialization and life-

long education of doctors and dentists at the Faculty's website (www.lf1.cuni.cz/specializacni-vzdelavani) as well as through electronic, phone and face-to-face consultations. The joint portal of the First Faculty of Medicine and the General University Hospital in Prague (www.acvz.cz) enables an easier access for those interested in our educational events as well as easier



keeping of records. In October 2014, the Department of Specialty Training and Life-long Education also presented the offer of **Graduation ceremony on 10th April 2014 at 9.00 a.m.**

Bachelor degree study programme of Specialization in health care, branch Addictology:

Bendová Božena, Pelhřimov
Körmendy Martin, Považská Bystrica, Slovakia
Mňuková Ilona, Kladno

Bachelor degree study programme of Specialization in health care, branch Occupational therapy:

Bačová Eliška, Uherské Hradiště
Hoidekrová Kristýna, Prachatice
Stiborová Anna, Benešov

Bachelor degree study programme of Specialization in health care, branch Physiotherapy:

Hradiská Lucie, Mladá Boleslav
Novotná Marie, Prague
Šaldová Kateřina, Prague
Vodičková Jana, Prague

Bachelor degree study programme of Nursing, branch General nursing:

Cukrová Šárka, Písek
Holečková Pavla, Prague
Kronavetrová Martina, Děčín
Kuřtová Ivana, Chrudim
Olekšáková Alena, Frýdlant
Opltová Kateřina, Ústí nad Labem
Sedlářová Martina, Ostrava
Skuhrová Kateřina, Prague
Stanková Tereza, Prague
Zettlová Michaela, Karlovy Vary

Graduation ceremony on 21st July 2014 at 9.00 a.m.

Bachelor degree study programme of Specialization in health care, branch Addictology:

Budinská Blanka, Liberec
Čiřáňová Karolína, Prague
Englčová Barbora, Brno

Herešová Alice, Česká Lípa

Chládková Nikola, Liberec
Strejčková Vanda, Plzeň
Svobodová Pavla, Příbor

Bachelor degree study programme of Specialization in health care, branch Nutritional therapy:

Bohnerová Beáta, Jičín
Dejmalová Jana, Prague
Dominik Michal, Mělník
Dvořáková Zuzana, Písek
Gojdičová Nikola, Děčín
Křišťálová Kateřina, Prague
Kubecová Markéta, Prague
Papoušek Jan, Prague
Štroblová Petra, Karlovy Vary
Weidenthalerová Edita, Znojmo

Graduation ceremony on 21st July 2014 at 10.30 a.m.

Bachelor degree study programme of Nursing, branch General nursing:

Bernardová Lenka, Aš
Březinová Marie, Český Brod
Dvořáková Michaela, Prague
Fauová Magdalena, České Budějovice
Gašparová Natálie, Bratislava, Slovakia
Korytenská Kristýna, Beroun
Kováříková Pavla, Cheb
Kumbálová Martina, Prague
Langerová Hana, Prague
Melicharová Jana, Prague
Müllerová Vendula, Opava
Opleštilová Tereza, Prague
Píchová Andrea, Spišská Nová Ves, Slovakia
Pohančaníková Žaneta, Český Krumlov
Procházková Jana, Prague
Sáčková Zuzana, Valašské Meziříčí
Sedláčková Andrea, Mariánské Lázně
Skřivanová Eva, Strakonice

Šašková Michaela, České Budějovice
 Šilhavá Lenka, Nové Město na Moravě
 Tenglerová Dana, Rakovník
 Vaňková Lucie, Planá u Mariánských Lázní
 Vlčková Vladislava, Vsetín

Graduation ceremony on 21st July 2014 at 12.00 a.m.

Bachelor degree study programme of Specialization in health care, branch Occupational therapy:
 Zemanová Eva, Prague

Bachelor degree study programme of Specialization in health care, branch Physiotherapy:

MDDr. Zárubová Markéta, Prague – with honours
 Bouzková Gabriela Natálie, Jablonec nad Nisou
 Bulánová Kateřina, České Budějovice
 Holá Irena, Prague
 Králová Hana, Prague
 Kubánek Marek, Olomouc
 Lidová Monika, Písek
 Petříčková Kristina, Prague
 Pokorná Barbora, Prague
 Prokopenková Anetta, Prachatice
 Rolková Pavlína, Náchod
 Stepanova Kristina, Ulianovsk, Russian Federation
 Švingrová Eva, Havlíčkův Brod
 Tíkal Ladislav, Prague
 Turková Renáta, Městec Králové

Graduation ceremony on 20th November 2014 at 9.00 a.m.

Bachelor degree study programme of Specialization in health care, branch Addictology:

Ambrožová Markéta, Nové Město na Moravě
 Antošová Iva, Trutnov
 Bažantová Kateřina, Beroun
 Čečeleva Olga, Almaty, Kazakhstan
 Černíková Tereza, Žatec
 Debnar Alexandr, Prachatice

events in life-long education at the Life-long Education Day, organized by the Rector Office of Charles University.

The Department of Specialty Training and Life-long Education also prepares the documents needed for accreditation of educational programmes and courses by the Ministry of Health or the Ministry of Education, Youth and Sport, and administers the credits from the respective professional bodies for the courses of life-long education of doctors and dentists as well as

Graduation ceremony on 29th July 2014 at 9.00 a.m.

Follow-up Master degree study programme of Specialization in health care, branch Addictology:

Bc. Coufalová Veronika, Polička
 Bc. Černá Michaela, Prague
 Bc. Dolejšová Kristýna, Rakovník
 Bc. Duroňová Šárka, Kyjov
 Bc. Geyerová Pavla, Opava
 Bc. Hönigová Karolína, Teplice
 Bc. Hubínková Markéta, Český Brod
 Bc. Janouškovec Vojtěch, Prague
 Bc. Malinská Dita, Pardubice
 Bc. Matějková Radka, Hořovice
 Bc. Postránecká Zuzana, Prague

Debnárová Jitka, Prague
 Dolejšová Aneta, Plzeň
 Joanidisová Ludmila, Plzeň
 Kabičková Olivie, Jablonec nad Nisou
 Kamenová Sabina, Prague
 Klimešová Lucie, Brno
 Kudláčková Eliška, Vyškov
 PharmDr. Oktábec Zbyněk, Prague
 Pecínová Alena, Prague
 Púčiková Dominika, Poprad, Slovakia
 Remešová Renáta, Havířov
 Symonová Petra, Nymburk
 Veselá Helena, Prague
 Vitásková Kristýna, Bruntál
 Vítová Sonja, Turnov
 Vodičková Ludmila, Kolín

Bachelor degree study programme of Specialization in health care, branch Occupational therapy:

Hochová Anna, Prague
 Nushartová Marie, Strakonice

Bachelor degree study programme of Specialization in health care, branch Physiotherapy:

Neradová Martina, Prague

Bachelor degree study programme of Nursing, branch General nursing:

Čermáková Lenka, Bruntál
 Fremutová Martina, Prague
 Remešová Andrea, Prague

Bachelor degree study programme of Specialization in health care, branch Nutritional therapy:

Krsková Kateřina, Prague

Bc. Pošvancová Marika, Karviná
 Bc. Příbylová Eva, Prague
 Bc. Roznerová Tereza, Most
 Bc. Sklenář Ondřej, Kyjov
 Bc. Sklenářová Francová Kateřina, Prague
 Bc. Spůrová Nikol, Náchod
 Mgr. Šídová Markéta, Prague
 Bc. Šulcová Iva, Prague
 Bc. Valová Kristýna, Ostrava

Follow-up Master degree study programme of Specialization in health care, branch Medical technology and informatics:

Bc. Papáček Roman, Ústí nad Orlicí

Graduation ceremony on 29th July 2014 at 10.30 a.m.

Follow-up Master degree study programme of Specialization in health care, branch Nursing in anaesthesiology, resuscitation and intensive care:
 Bc. Ebertová Barbora, Mladá Boleslav – with honours
 Bc. Křečková Markéta, Vsetín – with honours
 Bc. Popková Zuzana, Havlíčkův Brod – with honours
 Bc. Ptáčková Eva, Příbram – with honours
 Bc. Zlochová Lada, Slané – with honours
 Bc. Brejchová Eliška, Benešov
 Bc. Brindová Jana, Písek
 Bc. Buriánková Hana, Chomutov
 Bc. Cvrkalová Lenka, Svitavy

Bc. Faflová Petra, Dvůr Králové nad Labem
 Bc. Formáčková Jitka, Liberec
 Bc. Hakenová Renata, Prague
 Bc. Havlínová Petra, Česká Lípa
 Bc. Jarešová Petra, Frýdlant
 Bc. Konečná Veronika, Valašské Meziříčí
 Bc. Nováková Alena, Prague
 Bc. Poláková Stanislava, Plzeň
 Bc. Šestáková Anežka, Náchod
 Bc. Škrabánková Hana, Opava
 Bc. Valachová Ľubica, Bojnice, Slovakia
 Bc. Vaňková Daniela, Hradec Králové
 Bc. Veselá Barbora, Ostrov

GRADUATION CEREMONY IN MASTER DEGREE STUDY PROGRAMMES**Graduation ceremony on 17th April 2014 at 10.30 a.m.**

Master degree study programme of General medicine:
 Bednaříková Klára, Karlovy Vary
 Bednářová Martina, Frýdek Místek
 Beran Andrej, Prague
 Cerhová Barbora, Prague
 Cihlářová Hana, Most
 Dvořáková Martina, Prague
 Formanová Daniela, Prague
 Holá Lucie, Znojmo
 Chmelíčková Kateřina, Mostiště
 Josífková Martina, Prague
 Klímová Linda, Prague
 Kratoňová Jana, Most
 Kršiaková Jana, Košice, Slovakia
 Kudová Jana, Přerov
 Lauerová Jitka, Prague
 Mišlanová Andrea, Plzeň
 Molčanová Katarína, Bratislava, Slovakia
 Pavlová Olga, Olomouc
 Pekarská Barbora, Plzeň
 Polláková Daniela, Bardejov, Slovakia
 Porhinčáková Marianna, Trebišov, Slovakia
 Ptáčková Hana, Duchcov
 Sekerášová Michaela, Banská Bystrica, Slovakia
 Skalický Jan, Hradec Králové

Slobodová Renáta, Nitra, Slovakia
 Strnadová Markéta, Prague
 Studenovská Lenka, Teplice
 Vaisová Mária, Bratislava, Slovakia
 Vermach Petr, Kladno
 Voslářová Michaela, Prague

Master degree study programme of Dentistry:

Gavrikov Denis, Omsk, Russian Federation
 Kapsa Marek, Topolčany, Slovakia
 Knap Jaroslav, Vrchlabí
 Macušková Simona, Lučenec, Slovakia
 Slušňáková Zdena, Znojmo
 Teclová Anna, née Stibůrková, Prague

Graduation ceremony on 29th July 2014 at 12.00 a.m.

Master degree study programme of Dentistry:
 Hartmanová Anna Jindřichově Hradci – with honours
 Bělíková Anna, Prague
 Čirková Andrea, České Budějovice
 Dvořák Richard, Prague
 Halamová Simona, Prague
 Hotovcová Anna, Prague
 Humpolíčková Soňa, Brno
 Jandová Kateřina, Příbram
 Janečková Zuzana, Prague

Janovská Markéta, Prague
 Mgr. Kadlecová Kristýna, Prague
 Kličková Michaela, Prague
 Kopencová Tereza, Ústí nad Labem
 Krčmářová Martina, Český Brod
 Křivanová Veronika, Dačice
 Navrátil Tomáš, Prague
 Novotná Lenka, Třebíč
 Okluský Miroslav, Brandýs nad Labem – Stará Boleslav
 Papež Jakub, Cheb
 Petrů Andrea, Valtice
 Seemannová Irina, Cherson, Ukraine
 Smékalová Marie, Mladá Boleslav
 Smolková Zuzana, Dolný Kubín, Slovakia
 Studený Jakub, Prague
 Vermachová Eva Anna, née Ondráčková, Kladno
 Záleská Hana, Liberec

Graduation ceremony on 29th July 2014 at 1.30 p.m.

Master degree study programme of Dentistry:
 Čarný Martin, Kolín – with honours
 Baďurová Šárka, Prague
 Češková Veronika, Bruntál
 Dvořáková Kateřina, Prague
 Fialová Michaela, Ústí nad Labem
 Gráfová Kateřina, née Ptáčková, Kladno
 Horčíčková Ludmila, née Kolouchová, Prague
 Hovancová Bibiána, Bardejov, Slovakia
 Hrdinová Nikola, Benešov
 Kadlecová Martina, Prague
 Kailová Vendula, Prague
 MUDr. Kolář David, Domažlice
 Kolínová Kateřina, Ústí nad Labem
 Králová Jitka, Prague
 Lauryn Miroslav, Tábor
 Matoušková Jana, Kutná Hora
 Mihóková Martina, Košice, Slovakia
 Müllerová Petra, Šternberk
 Nepomucká Petra, Brandýs nad Labem – Stará Boleslav
 Nesnídalová Barbara, Znojmo
 Petrlíková Ivona, Slaný
 Petrová Tereza, Prague
 Picková Helena, Prague
 Poukarová Kateřina, Třebíč
 Příkryl Ondřej, Vyškov
 Stralczyński Prokop, Prague
 Šandová Karolina, Beroun
 Šebestová Lucie, Ostrava
 Trágerová Andrea, Chomutov
 Volfová Magdalena, Sušice
 Zeithamlová Monika, Přerov

Graduation ceremony on 30th July 2014 at 9.00 a.m.

Master degree study programme of General medicine:
 Bilíková Barbora, Žilina, Slovakia
 Bušovský Igor, Košice, Slovakia

Cibulka Michal, Myjava, Slovakia
 Dibusová Lenka, Bratislava, Slovakia
 Dítě Jakub, Prague
 Doležalová Lenka, Aš
 Duhová Erika, Dolný Kubín, Slovakia
 Duchanová Miroslava, née Pudíková, Písek
 Fišer Lukáš, Slaný
 Grobelná Kristýna, Havířov
 Kindová Adéla, Mělník
 Kovalíková Miriama, Košice, Slovakia
 Kračuková Kateřina, Prague
 Kubica Erik, Komárno, Slovakia
 Lípa Jakub, Karlovy Vary
 Moravčíková Kateřina, Ostrava
 Nováková Anna, Mělník
 Pála Libor, Most
 Pelikánová Jana, Teplice
 Romanko Igor, Košice, Slovakia
 Ulrich Sebastián, Želiezovce, Slovakia
 Urban Miroslav, Rimavská Sobota, Slovakia
 Vávra Marek, Prague
 Yassin Yassin Mohammed Nagib, Khartoum North, Sudan

Graduation ceremony on 30th July 2014 at 10.30 a.m.

Master degree study programme of General medicine:
 Cihlářová Marcela, Pelhřimov
 Dvořáková Renata, Brno
 Ebelová Adéla, Ostrava
 Fraňová Lucia, Trenčín, Slovakia
 Hanuška Jaromír, Opava
 Harmáček Dušan, Prague
 Hašková Hana, Boskovice
 Horáková Zuzana, Prague
 Jílková Vladislava, České Budějovice
 Korcová Markéta, Plzeň
 Králová Vítězslava, Brno
 Kuřková Katarína, Valtice
 Lainková Radka, Třebíč
 Mrázek Vojtěch, Slaný
 Obršálová Jitka, Opočno
 Roček Jan, Prague
 Rychlík Jan, České Budějovice
 Schwarzbacherová Marie, Prague
 Staňková Kateřina, Jihlava
 Süssenbek Ondřej, Benešov
 Šimonová Andrea, Prague
 Šplíchal Vojtěch, Prague
 Velcová Lenka, Olomouc
 Vélová Anna, Prague
 Záhora Tomáš, Prague
 Zajícová Lucie, Brno
 Žilinský Marek, Valašské Meziříčí

Graduation ceremony on 31st July 2014 at 10.30 a.m.

Master degree study programme of General medicine:
 Matějčíková Jana, Kyjov – with honours

Andělová Tereza, Ostrava
 Bartáková Eva, Kladno
 Butta Tadeáš, Turnov
 Čapka David, Prague
 Daňková Šárka, Žilina, Slovakia
 Drab Marek, Košice, Slovakia
 Bc. Dušek Pavel, Prague
 Dušková Tereza, Prague
 Dydňanská Dominika, Vranov nad Topľou, Slovakia
 Hráská Dana, Nymburk
 Chaloupková Lucie, Uherské Hradiště
 Karaba David, Moscow, Russia
 Kelblerová Jana, Vranov nad Topľou, Slovakia
 Klusáčková Petra, Havlíčkův Brod
 Kopčíková Michaela, née Rinkovská, Stará Ľubovna, Slovakia
 Kovářová Linda, Zlín
 Kozel Martin, Prague
 Kúdelová Katarína, Partizánske, Slovakia
 Mižáková Štefánia, Vranov nad Topľou, Slovakia
 Nejtek Tomáš, Prague
 Raeva Dagmar, née Bláhová, Opočno
 Sanitrová Hana, Frýdek-Místek
 Sibera Jan, Jaroměř
 Strohalmová Sabina, Opava
 Štorek Petr, Nové Město na Moravě
 Tóth Tihamér, Nové Zámky, Slovakia
 Turčániová Dominika, Veľký Krtíš, Slovakia
 Valtr Ondřej, Vysoké Mýto
 Zámečníková Iva, Hořice

Graduation ceremony on 31st July 2014 at 12.00 a.m.

Master degree study programme of General medicine:

Důra Miroslav, Vimperk – with honours
 Achatzová Tereza, Český Krumlov
 Bačová Martina, Uherské Hradiště
 Bernet Kristián, Nové Zámky, Slovakia
 Bořilová Petra, Prague
 Floriánová Jana, Český Krumlov
 Guňka Adam, Ostrava
 Horodyská Marta, Pardubice
 Jacák Štefan, Košice, Slovakia
 Jirousová Kateřina, Tábor
 Knorová Magdalena, Rakovník
 Kobylák Juraj, Dolný Kubín, Slovakia
 Konopásková Alena, Rakovník
 Kupcová Veronika, Stará Ľubovna, Slovakia
 Losmanová Tereza, Brandýs nad Labem – Stará Boleslav
 Loudová Petra, Kutná Hora
 Mačejová Andrea, Bardejov, Slovakia
 Málková Kateřina, Prague
 Marešová Štěpánka, Písek
 Mařanová Jana, Turnov
 Medková Anna, Valašské Meziříčí
 Mühlmannová Jana, Prague
 Petrjanošová Markéta, Hodonín
 Pokorná Lucie, Mělník

Popovič Michal, Michalovce, Slovakia
 Procházková Pavla, Třebíč
 Riegerová Lenka, Most
 Samek Jakub, Nové Město na Moravě
 Smetanová Jana, Kolín
 Smržová Jana, Teplice
 Vacíková Denisa, Hranice
 Vacková Mirka, Třebíč
 Vernerová Martina, née Kučerová, Vrchlabí
 Wurmová Petra, Prague

Graduation ceremony on 1st August 2014 at 10.30 a.m.

Master degree study programme of General medicine:

Čermáková Hana, Karlovy Vary
 Deretić Danica, Zemun, Serbia
 Dlouhá Martina, Ostrava
 Doleželová Helena, Písek
 Dorňáková Jana, Prague
 Fričová Dominika, Kladno
 Holá Veronika, Klatovy
 Hradcová Kristýna, Prague
 Husťáková Marianna, Humenné, Slovakia
 Chmelařová Eliška, Pelhřimov
 Jakubíčková Michelle, North York, Canada
 Kalužová Martina, Karviná
 Kameník Martin, Valtice
 Klapáč Richard, Košice, Slovakia
 Kmočová Adéla, Prague
 Kršiaková Jana, Košice, Slovakia
 Krůtová Vendula, Beroun
 Kvasnička Jan, Prague
 Kynzlová Jitka, Prague
 Lendácká Martina, née Galliková, Kežmarok, Slovakia
 Marešová Adéla, Planá
 Mikšovská Magdaléna, Čáslav
 Poledníková Marie, Beroun
 Rampino Víznerová Denisa, née Víznerová, Prague
 Schmidtová Zuzana, Prague
 Strašilová Daniela, Broumov
 Šebková Kateřina, Pardubice
 Škvorová Kateřina, Prague
 Zázvůrková Daniela, Prague
 Zelená Anna, Broumov

Graduation ceremony on 1st August 2014 at 12.00 a.m.

Master degree study programme of General medicine:

Boudová Barbora, Trutnov
 Brychta Jindřich, Jihlava
 Čábal Martin, Ostrov nad Ohří
 Gabriel Jan, Vyškov
 Guznar Miroslav, Český Těšín
 Hakenová Klára, Jičín
 Hozman Marek, Prague
 Chalupský Václav, Strakonice
 Kelichová Pavlína, Duchcov
 Kollmerová Petra, Liberec

Koniček Petr, Benešov
 Kubátová Senta, Havlíčkův Brod
 Kubcová Klára, Ústí nad Labem
 Kuklová Kateřina, Brno
 Marešová Jana, née Janovcová, Košice, Slovakia
 Maršíková Jana, Prague
 Mišková Dana, Brno
 Novák Jan, Prague
 Novotná Barbora, Prague
 Novotná Erika, Chrudim
 Palatková Ivana, Znojmo
 Pařezová Michaela, Brno
 Pašková Petra, Rokycany
 Petříková Mária, Prešov, Slovakia
 Pirunčíková Jana, Mělník
 Pochopová Lucie, Turnov
 Ruttkay Róbert, Bрезno, Slovakia
 Skýpala Zdeněk, Vsetín
 Šípek Jiří, Benešov
 Vincze Lukáš, Topolčany, Slovakia

Graduation ceremony on 24th November 2014 at 10.30 a.m.

Master degree study programme of General medicine:

Bartoš Martin, Prague – with honours
 Baba-Musah Patrice Awonseba, Bolgatanga, Ghana
 Dolná Zdenka, Prešov, Slovakia
 Gavlas David, Prague
 Hájková Veronika, Kadaň
 Hajnal Marián, Banská Bystrica, Slovakia
 Haľková Katarína, Vranov nad Topľou, Slovakia
 Honcová Pavlína, Mladá Boleslav
 Horká Tereza, Prague
 Kolarovová Katarína, Poprad, Slovakia
 Kombercová Petra, Kolín
 Koprůšáková Jana, Poprad, Slovakia
 Kúšová Katarína, Trnava, Slovakia
 Ing. Lacko Stanislav, Košice, Slovakia
 Le Thanh Hung, Hanoj, Vietnam
 Mitanová Nikol, Uherské Hradiště
 Novotná Jiřina, Písek
 Semerád Otakar, Nymburk
 Slavíková Renáta, Jaroměř
 Studničná Lucie, Prague
 Šnajdrová Kamila, Frýdek-Místek
 Bc. Šperlová Lucie, Domažlice
 Štirandová Šárka, Prague
 Thaher Nader, Amman, Jordánsko
 Wojtovičová Tatiana, Prešov, Slovakia
 Žohová Monika, Městec Králové

Master degree study programme of Dentistry:

Beníšková Vlasta, Jindřichův Hradec
 Brabcová Barbora, Prague
 Burdzová Jana, Humenné, Slovakia
 Do The Dan, Hanoj, Vietnam
 Gletová Dagmar, Prague

Havránková Stanislava, née Kovářová, Prague
 Jirků Jan, Prague
 Krebsová Kateřina, Brandýs nad Labem – Stará Boleslav
 Pražák Tomáš, Prague
 Reptiš Andrej, Banská Bystrica, Slovakia

Graduation ceremony on 24th November 2014 at 12.00 a.m.

Master degree study programme of General medicine:

Alual Nika Obong, Gambella, Ethiopia
 Bauerová Eliška, née Maršáková, Česká Lípa
 Benc Eduard, Český Krumlov
 Cícha Jindřich, Tábor
 Dlubalová Anna, Uherské Hradiště
 Gilani Daniel, Ostrava
 Ježková Libuše, Písek
 Karalko Mikita, Grodno, Belarus
 Kiseľáková Michaela, Prešov, Slovakia
 Koutová Michaela, Chrudim
 Linka Petr, České Budějovice
 Maršák Ondřej, Česká Lípa
 Mirchi Lukáš Farhád, Jihlava
 Pařízková Andrea, Brandýs nad Labem – Stará Boleslav
 Pazderová Lucie, Benešov
 Petrů Lenka, Dunajská Streda, Slovakia
 Pólová Monika, née Šabatová, Třebíč
 Prouza Antonín, České Budějovice
 Roučková Magdalena, Rokycany
 Ruml Martin, Prague
 Ryabikina Anna, Moskva, Russian Federation
 Simona Sorádová, Lučenec, Slovakia
 Šíchová Barbora, Prague
 Škrlová Eva, née Trněná, Prague
 Škvárová Markéta, Prague
 Markéta Truhlářová, Prague
 Trunečková Kateřina, Prague
 Weidenthaler Filip, Topolčany, Slovakia

English parallel course – Master degree study programme of General medicine:

Agbim Ezeadi Chukwudi Chienyem, Enugu, Nigeria
 Binti Ezanee Siti Nadia, Kelantan, Malaysia
 Do Carmo Silva Joana Isabel, Aveiro, Portugal
 Sanikop Namrata Supriya, Falkirk, Great Britain

English parallel course – Master degree study programme of Dentistry:

Kallenou Xenia, Paralimni, Cyprus
 Kukudi David, Mahalapye, Botswana

non-medical health care professionals.



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

PhDr. Jana Krejčíková, Ph.D., Manager of Department of Specialty Training and Life-long Education

THIRD-AGE UNIVERSITY AT THE FIRST FACULTY OF MEDICINE – ORGANIZATION AND COURSE OF TUITION

In 2014, tuition for the 2nd year of studies was successfully completed, which was for the 27th time, and for the 28th time tuition for the 1st year of studies started with 66 new mature students.

The basic four-semester course Human biology has a stable schedule of lectures focused on theoretical basis of medicine, complemented with some new knowledge about prophylaxis and selected lectures about history of medicine for the 1st year, and Biological principles of care of health for the 2nd year.

Throughout the academic year, the lectures took place according to the syllabus, i.e. two lessons a week in each semester, for both years of studies. The programme in detail was published in the List of lectures of Charles University – the First Faculty of Medicine. The lecturers in all groups were Heads of the respective institutes and departments as well as other top specialists from these institutions. The tuition had excellent response among the students. In either year of studies, about 60 students were enrolled. The limiting factor for the number was the capacity of the lecture hall at the Institute of Scientific Information.

The ceremony to close the 2nd year of studies and award the 51 certificates of the third-age university courses took place at the Magna Aula of the Karolinum on 5th June 2014 at the presence of the course supervisors, professors and many other teachers of the Faculty.

Club of Alumni of the Third-age University

For those who successfully completed the four-semester studies of Human biology, the Faculty offers the chance of further education in the Club of Alumni of the Third-age University of the First Faculty of Medicine. This tuition took place once a week as well, both in the winter and summer semester. It is professionally supported by particular units of the First Faculty of Medicine in co-operation with the Third-age University expert supervisor.

In the summer semester of 2014, the series of lectures on the topic Dermatovenereology was prepared. This programme was provided by the teachers from the Department of Dermatovenereology of the First Faculty of Medicine together with the Department of Geriatrics. In the winter semester, the cycle of lectures Neurology was presented, which was implemented by the staff of the Departments of Neurology of the General University Hospital and Thomayer Hospital, and the Department of Neurosurgery of the Central Army Hospital in co-operation with the Department of Geriatrics of the First Faculty of Medicine.

Other activities

On 11th October 2014, the conference Life-long Education Day at Charles University took place. The lecture Life-long Education at Charles University was given, whose authors are Dr. Jana Krejčíková, Ms Markéta Sochorová and Prof. Eva Topinková. It presented the whole scope of activities in life-long education at the First Faculty of Medicine, also including information about the history and present state of the Third-age University at the Faculty. This event was also attended by representatives of Third-age University students.

LIST OF GRADUATES OF CHARLES UNIVERSITY THE FIRST FACULTY OF MEDICINE IN PRAGUE IN 2014

EVALUATION OF TUITION BY STUDENTS

Evaluation of tuition by the students was marked by some substantial changes in the academic year 2005/2006, as it was done electronically for the first time. In the following years this was repeated under the same conditions, and at the same time the previous year's results were analysed and compared. Since the academic year 2007/2008 the evaluation has been performed through the form of electronic data collection and processing within the student information system (SIS). In the academic year 2013/2014 the data collection was commenced in October 2013 and finished in October 2014. The Evaluation Board as well as the Dean's Office Board dealt with the evaluation several times.

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

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

GENERAL EVALUATION OF THE 2013/2014 SURVEY

In the academic year 2013/2014, the number of students taking part in the evaluation was above 1,000 for the first time (precisely, it was 1,032, while in the academic year 2012/2013 it reached 954). The number of verbal comments has been increasing too: from about 2,500 in the year before it rose to more than 2,790. The average grade for the Faculty improved from 1.65 to 1.59.

Thanks to more intensive promotion, particularly from the student members of the Board, both the number of respondents and the number of responses increased, and so did the number of student respondents from the "clinical" years of studies. This is important, as one persisting problem is the fact that the number of evaluating students from the higher years of study is lower, and thereby the statistical relevance of the scores for clinical subject and clinician teachers is reduced. One of the reasons is distribution of the students among clinical institutions in smaller groups, where the number of students who meet a particular teacher is smaller than in the first two or three years of study.

Every year the Heads of the organization units are informed in writing about the evaluation and encouraged to respond and resolve the complaints. As in the past years, some units and staff members responded to the results of the evaluation in writing or on the phone. Their statements contain possible explanations of the negative outcome of the evaluation, as seen by the unit or teacher, often with substantiated criticism concerning statistical irrelevance and element of subjectivity in the evaluation, and sometimes expressing criticism towards the students. However, it is important that these responses also involve some proposals of future solutions to eliminate some reasons for negative evaluation. Every year, however, the Dean's meeting with the representatives of those units that received poor evaluation is held in order to check on some students' comments that have not been explained adequately in the units' responses.

POSTGRADUATE DOCTORAL STUDIES

The First Faculty of Medicine of Charles University provides 21 doctoral study programmes in both Czech and English languages. Seventeen of them are implemented as doctoral study programmes in biomedical sciences (hereafter "Ph.D. programmes in biomedicine"), which were founded pursuant to the agreement of the three medical faculties in Prague and the Faculty of Natural Science of Charles University in 1992. The aims of this activity were:

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

Ph.D. programmes in biomedicine are implemented in accordance with the Act of Schools of Higher Education and internal regulations of Charles University and their faculties and based on the general agreement of co-operation in implementation of study programmes of 23rd April 1997 and agreement of consortium between Charles University and the Academy of Sciences of the Czech Republic of 26th June 1997.

DOCTORAL STUDY PROGRAMMES AND THE CHAIRPERSONS OF THE RESPECTIVE FIELD BOARDS IN 2014

Molecular and Cellular Biology, Genetics and Virology	Prof. RNDr. Stanislav Zdražil, DrSc., Faculty of Natural Science, Prague
Cell Biology and Pathology	Prof. RNDr. Ivan Raška, DrSc., First Faculty of Medicine, Prague
Biomedical Informatics	Prof. RNDr. Jana Zvárová, DrSc., First Faculty of Medicine, Prague
Developmental and Cell Biology	Assoc. Prof. RNDr. Jan Černý, Ph.D., Faculty of Natural Science, Prague
Biochemistry and Pathobiochemistry	Prof. MUDr. Stanislav Štípek, DrSc., First Faculty of Medicine, Prague
Human Physiology and Pathophysiology	Prof. MUDr. Jaroslav Pokorný, DrSc., First Faculty of Medicine, Prague
Immunology	Assoc. Prof. RNDr. Vladimír Holáň, DrSc., Faculty of Natural Science, Prague
Microbiology	Assoc. Prof. RNDr. Ivo Konopásek, CSc., Faculty of Natural Science, Prague
Neurosciences	Prof. MUDr. Karel Šonka, DrSc., First Faculty of Medicine, Prague
Pharmacology and Toxicology	Assoc. Prof. MUDr. Věra Klenerová, DrSc., First Faculty of Medicine, Prague
Medical Biophysics	Prof. MUDr. RNDr. Jiří Beneš, DrSc., First Faculty of Medicine, Prague
Parasitology	Prof. RNDr. Jaroslav Kulda, CSc., Faculty of Natural Science, Prague
Experimental Surgery	Prof. MUDr. Jaroslav Živný, DrSc., First Faculty of Medicine, Prague
Preventive Medicine	Assoc. Prof. MUDr. Alexander M. Čelko, CSc., Third Faculty of Medicine, Prague
Gerontology	Prof. MUDr. Eva Topinková, CSc., First Faculty of Medicine, Prague
Psychology	Prof. MUDr. Jiří Raboch, DrSc., First Faculty of Medicine, Prague
Bioethics	Assoc. Prof. MUDr. PhDr. Jan Payne, Ph.D., First Faculty of Medicine, Prague
History of Medicine	Prof. PhDr. Milada Říhová, CSc., First Faculty of Medicine, Prague
Imaging Techniques in Medicine	Prof. MUDr. Jan Daneš, DrSc., First Faculty of Medicine, Prague
Specialization in health care – Addictology	Prof. PhDr. Michal Miovský, Ph.D., First Faculty of Medicine, Prague
Biomechanics	Assoc. Prof. PaedDr. Karel Jelen, CSc., Faculty of Physical Culture and Sport, Prague

The content matter and organization of studies in particular study programmes are provided by joint field boards; these are guarantors of quality of particular study programmes in doctoral studies. Their members are appointed by the Rector at the suggestion of deans of the faculties and the other participating training institutions beyond the University. The chairperson and vice-chairs are elected by the board from among its members. Ph.D. programmes in biomedicine are directed by the Co-ordinating Council. Members of the Co-ordinating Council of Ph.D. programmes in biomedicine are appointed and deposed jointly by the Rector and the President of the Academy of Sciences of the Czech Republic to the proposals by deans of particular faculties of Charles University and managers of other institutions involved. The other members of the Co-ordinating Council are the chairs of the Field Boards. The chairperson and vice-chairs are elected by the Council from among its members. The chairperson summons and directs the proceedings of the board and represents it in negotiations with the representative bodies of the particular Faculty as well as in sessions of the Co-ordinating Council of Ph.D. programmes in biomedicine. The scope of competencies of the field board ensues from the valid version of the Act on Schools of Higher Education.

The following part includes the survey of programmes of postgraduate doctoral studies; the list of chairpersons of particular Field Boards at the First Faculty of Medicine in 2014; the survey of accredited doctoral study programmes taught in Czech and English, including the time of validity of accreditation. The Annual Report also includes the survey of numbers of students at the Faculty units by 31st December 2014; the survey of doctoral exams and doctoral theses defended in 2014; the survey of students admitted and theses defended in doctoral studies at the First Faculty of Medicine in the past 5 years (2010–2014); and a chart to visualize the conditions for admission to doctoral study programmes.

DOCTORAL STUDY PROGRAMMES ACCREDITED IN CZECH AND VALIDITY OF THE ACCREDITATION

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

DOCTORAL STUDY PROGRAMMES ACCREDITED IN ENGLISH AND VALIDITY OF THE ACCREDITATION

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

Survey of the numbers of students in doctoral study programmes at units of the First Faculty of Medicine (by 31st December 2014)

Unit	Institution(s)	Number of Ph.D. students at the unit in the academic year 2013–2014			
		Number of students	Did not complete	Graduated	Total
Institute of Anatomy	Faculty	10	0	3	13
Institute of Physiology	Faculty	16	0	3	19
Department of Rheumatology	Faculty	12	0	1	13
Institute of Biophysics and Informatics	Faculty	17	0	1	18
Institute of Biochemistry and Experimental Oncology	Faculty	9	0	0	9
Institute of Cell Biology and Pathology	Faculty	13	0	0	13
Institute for History of Medicine and Foreign Languages	Faculty	13	1	1	15
Institute of Histology and Embryology	Faculty	1	0	0	1
Institute of Humanitarian Studies in Medicine	Faculty	14	1	1	15
Institute of Pathological Physiology	Faculty	39	4	3	46
Institute of Pharmacology	Faculty & Gen. UH	11	0	0	11
Department of Phoniatics	Faculty & Gen. UH	2	0	0	2
Department of Geriatrics	Faculty & Gen. UH	3	0	1	4
Department of Gynaecology and Obstetrics	Faculty & Gen. UH	25	2	1	28
Institute of General Medicine	Faculty & Gen. UH	3	0	0	3
1 st Surgical Department	Faculty & Gen. UH	2	1	1	4
1 st Medical Department	Faculty & Gen. UH	7	0	0	7
2 nd Surgical Department	Faculty & Gen. UH	10	1	1	12
2 nd Medical Department	Faculty & Gen. UH	37	0	0	37
3 rd Medical Department	Faculty & Gen. UH	33	2	3	38
4 th Medical Department	Faculty & Gen. UH	14	3	1	18
Department of Addictology	Faculty & Gen. UH	16	0	0	16
Department of Paediatrics and Adolescent Medicine	Faculty & Gen. UH	30	2	1	33
Department of Nephrology	Faculty & Gen. UH	13	1	2	16
Department of Occupational Medicine	Faculty & Gen. UH	5	0	0	5
Department of Stomatology	Faculty & Gen. UH	25	3	0	28
Department of Rehabilitation Medicine	Faculty & Gen. UH	4	1	0	5
Department of Neurology	Faculty & Gen. UH	37	2	5	44
Department of Ophthalmology	Faculty & Gen. UH	9	0	0	9
Department of Oncology	Faculty & Gen. UH	7	1	1	9
Department of Psychiatry	Faculty & Gen. UH	77	3	3	83
Department of Radiodiagnosics	Faculty & Gen. UH	6	0	0	6
Institute of Sexology	Faculty & Gen. UH	13	3	0	16
Department of Urology	Faculty & Gen. UH	7	1	0	8
Institute of Biology and Medical Genetics	Faculty & Gen. UH	11	0	1	12
Institute of Inherited Metabolic Disorders	Faculty & Gen. UH	15	0	1	16
Institute of Hygiene and Epidemiology	Faculty & Gen. UH	19	3	0	22
Institute of Immunology and Microbiology	Faculty & Gen. UH	15	1	0	16
Department of Dermatology and Venereology	Faculty & Gen. UH	1	0	0	1
Institute of Clinical Biochemistry and Laboratory Medicine	Faculty & Gen. UH	39	3	5	47
Institute of Nuclear Medicine	Faculty & Gen. UH	4	0	0	4
Institute of Pathology	Faculty & Gen. UH	4	1	0	5
Department of Anaesthesiology, Resuscitation and Intensive Care	Faculty & Gen. UH	14	1	0	15
Institute of Forensic Medicine and Toxicology	Faculty & Gen. UH	5	0	0	5
Institute of Sports Medicine	Faculty & Gen. UH	1	1	0	2
Department of Gynaecology and Obstetrics	Faculty & Bulovka Hosp.	7	1	1	9
Department of Infectious and Tropical Diseases	Faculty & Bulovka Hosp.	6	0	0	6
Department of Plastic Surgery	Faculty & Bulovka Hosp.	6	0	0	6
Department of Radiodiagnosics	Faculty & Bulovka Hosp.	2	0	0	2
Department of Orthopaedics	Faculty & Bulovka Hosp.	8	0	0	8

Unit	Institution(s)	Number of Ph.D. students at the unit in the academic year 2013–2014			
		Number of students	Did not complete	Graduated	Total
Institute of Radiation Oncology	Faculty & Bulovka Hosp.	1	0	0	1
3 rd Surgical Department	Faculty & Motol UH	12	0	0	12
Department of Otorhinolaryngology	Faculty & Motol UH	9	1	2	12
Department of Orthopaedics	Faculty & Motol UH	13	0	0	13
Department of Neurosurgery	Faculty & Central Army Hosp.	9	0	0	9
Department of Ophthalmology	Faculty & Central Army Hosp.	5	0	0	5
Department of Pneumology	Faculty & Thomayer Hosp.	2	0	0	2
Department of Oncology	Faculty & Thomayer Hosp.	1	0	0	1
Department of Surgery	Faculty & Thomayer Hosp.	3	0	0	3
Total		752	44	43	838

Doctoral State Examinations passed in 2014

Surname and first name	Degree (before name)	Degree (after name)	Field	Date of examination
Bar–Johnson Michael	Mgr.		Psychology	11 Mar 2014
Bartáková Jana	Ing.	DiS.	Biomedical Informatics	23 Oct 2014
Beranová Štěpánka	MUDr.		Psychology	17 June 2014
Bínová Eva	RNDr.		Parasitology	14 Mar 2014
Böhm Jan	MUDr.		Experimental Surgery	14 Apr 2014
Čablová Lenka	PhDr.		Psychology	11 Mar 2014
Dluhošová Martina	Mgr.		Human Physiology and Pathophysiology	17 Apr 2014
Dobiáš Jan	MUDr.		Experimental Surgery	17 Apr 2014
Dvořák Aleš	Mgr.		Biochemistry and Pathobiochemistry	11 Mar 2014
Gál Peter	Mgr.		Cell Biology and Pathology	10 Apr 2014
Hlavenková Lucia	Mgr.		History of Medicine	12 June 2014
Hložek Tomáš	Mgr.		Pharmacology and Toxicology	28 May 2014
Chakraborty Soma		B.Sc., M.S.	Medical Biophysics	15 Sep 2014
Chroustová Daniela	MUDr.		Medical Biophysics	15 Sep 2014
Jonášová Anna	MUDr.	Ph.D.	Human Physiology and Pathophysiology	15 May 2014
Jůda Pavel	MUDr.		Cell Biology and Pathology	19 June 2014
Klímová Aneta	MUDr.		Cell Biology and Pathology	25 Sep 2014
Kratochvílová Simona	MUDr.		Human Physiology and Pathophysiology	23 June 2014
Kryšřůvková Olga	MUDr.		Immunology	26 Nov 2014
Lukešová Eva	MUDr.	Ph.D.	Experimental Surgery	28 Apr 2014
Masopust Václav	MUDr.	Ph.D.	Human Physiology and Pathophysiology	25 Sep 2014
Maswabi Bokang Calvin	MUDr.		Human Physiology and Pathophysiology	20 Nov 2014
Měšťák Ondřej	MUDr.	Ph.D.	Experimental Surgery	13 Jan 2014
Michalec Jiří	Mgr.		Psychology	2 Dec 2014
Nagelová Veronika	Mgr.		Biochemistry and Pathobiochemistry	29 Sep 2014
Neckář Marcel	Mgr.		Psychology	2 Dec 2014
Nikolai Tomáš	Mgr.		Psychology	23 Sep 2014
Novák Petr	PhDr.		Psychology	11 Mar 2014
Novotná Marta	MDDr.		Preventive Medicine	17 Dec 2014
Novotná Klára	Mgr.		Neurosciences	6 Oct 2014
Nový Marek	Mgr.		Psychology	11 Mar 2014
Ovesný Martin	Ing.		Imaging Techniques in Medicine	11 Dec 2014
Pavlačzková Ivana	Mgr.		Pharmacology and Toxicology	5 Mar 2014
Pešičková Satu	MUDr.	Ph.D.	Human Physiology and Pathophysiology	17 Apr 2014
Rybová Jitka	Mgr.		Biochemistry and Pathobiochemistry	29 May 2014
Sehnal Borek	MUDr.		Experimental Surgery	10 Feb 2014
Seidl Libor	Ing.		Biomedical Informatics	24 Apr 2014
Sélešová Petra	Mgr. Bc.		Psychology	8 July 2014
Schneiderová Michaela	MUDr.		Preventive Medicine	20 May 2014
Stránecký Viktor	Mgr.		Molecular and Cellular Biology, Genetics and Virology	10 June 2014

Surname and first name	Degree (before name)	Degree (after name)	Field	Date of examination
Surá Alexandra	Mgr.		History of Medicine	12 June 2014
Šilar Jan	Ing.		Biomedical Informatics	24 Apr 2014
Šíma Martin	PharmDr.		Pharmacology and Toxicology	5 Mar 2014
Šlachtová Lenka	Mgr.	M.Sc.	Biochemistry and Pathobiochemistry	10 Apr 2014
Špolcová Andrea	Mgr.		Biochemistry and Pathobiochemistry	30 Apr 2014
Šramko Marek	MUDr.		Human Physiology and Pathophysiology	16 Jan 2014
Šuk Jakub	Ing.		Biochemistry and Pathobiochemistry	30 Apr 2014
Švábíková Lucie	MUDr.		Experimental Surgery	13 Oct 2014
Vaněček Václav	MUDr.		Preventive Medicine	25 Sep 2014
Vaňková Kateřina	Mgr.		Biochemistry and Pathobiochemistry	30 Apr 2014
Vašáková Jana	MUDr.		Preventive Medicine	17 Dec 2014
Včelák Josef	MUDr.	Ph.D.	Experimental Surgery	23 June 2014
Vitků Jana	Mgr.		Human Physiology and Pathophysiology	18 Sep 2014
Wohlfahrtová Mariana	MUDr.		Human Physiology and Pathophysiology	15 May 2014
Wünschová Hanka	MUDr.		Human Physiology and Pathophysiology	25 Sep 2014
Zeman Jan	Mgr.		Medical Biophysics	15 Sep 2014

Dissertation theses defended in the doctoral study programmes in 2014

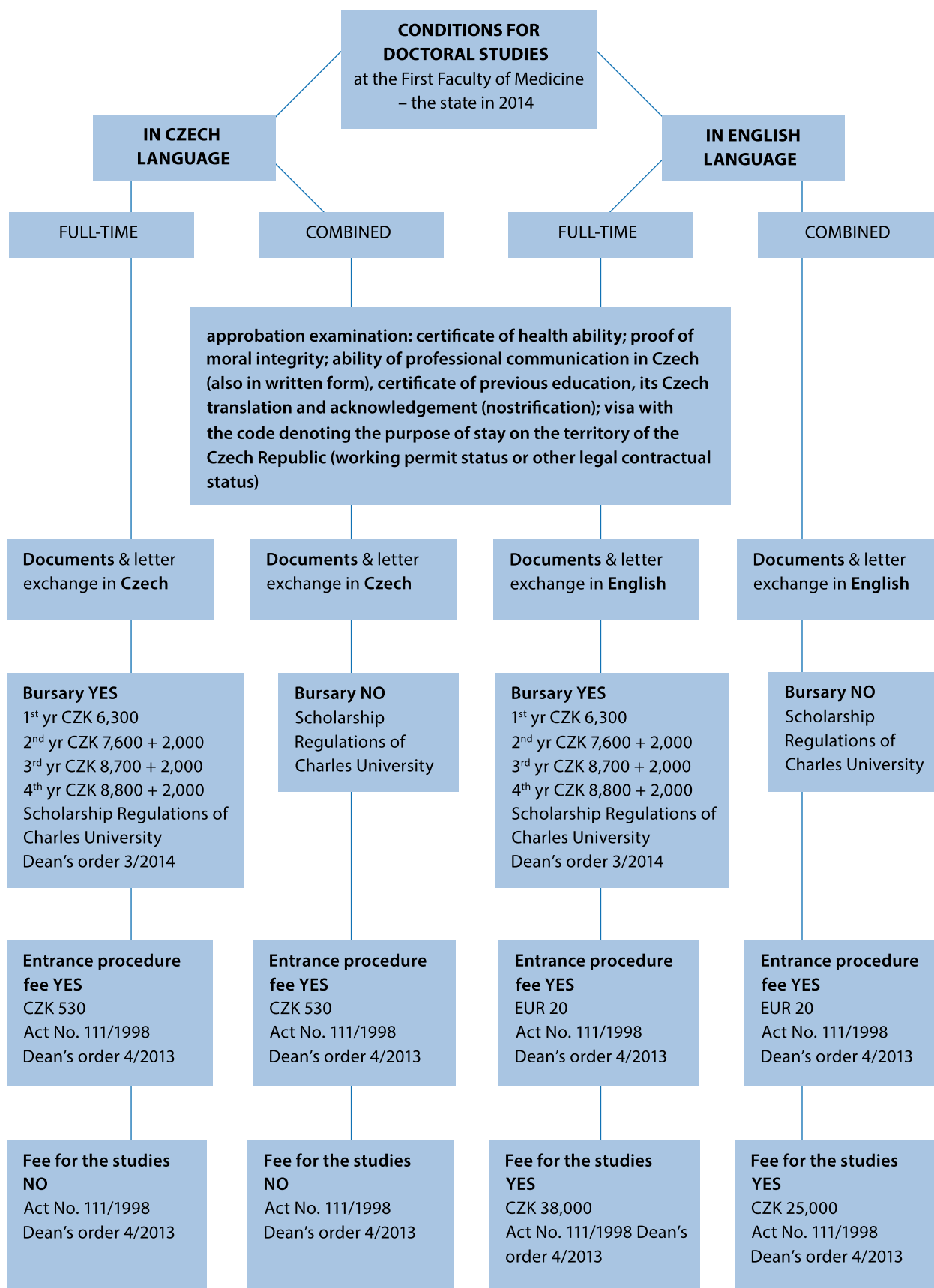
Surname and first name	Degree (before name)	Degree (after name)	Field	Date of defence	Title of thesis
Beneš Jiří	MUDr.	Ph.D.	Developmental and Cellular Biology	6 Feb 2014	Developmental mechanisms of arrhythmias – role of connexins in arrhythmogenesis
Beneš Jan	MUDr.	Ph.D.	Human Physiology and Pathophysiology	12 June 2014	Regulation of receptors linked to G proteins. Study into muscarine and β -adrenergic receptors in M2K0 mice
Berková Adéla	MUDr.	Ph.D.	Molecular and Cellular Biology, Genetics and Virology	13 Oct 2014	Benefit of molecular genetic and cytogenetic analyses to diagnosis and prediction of therapeutic response in patients with non-Hodgkin lymphomas
Betka Jaroslav	MUDr.	Ph.D.	Experimental Surgery	20 Oct 2014	Directed polymer medications for carcinomas in the head and neck area
Bezdiček Ondřej	Mgr.	Ph.D.	Neurosciences	8 Sep 2014	Cognitive disorder in Parkinson's disease
Blahová Dušánková Jana	Mgr.	Ph.D.	Neurosciences	1 Sep 2014	Detection of cognitive disorders in multiple sclerosis
Burianová Jana	Mgr.	Ph.D.	Neurosciences	15 Sep 2014	Influence of ageing upon the central part of the auditory system in the lab rat
Dužková Daniela	MUDr.	Ph.D.	Biochemistry and Pathobiochemistry	22 Apr 2014	Tuning the optimum regime of investigation for markers of clinically important monitored infections in volunteer blood donors
Fiala Ondřej	MUDr.	Ph.D.	Neurosciences	29 Sep 2014	Genetics and phenotype characteristics of Parkinson's disease with early onset
Fik Zdeněk	MUDr.	Ph.D.	Experimental Surgery	9 June 2014	New trends in cell and molecular biology of head and neck carcinomas
Fraško Roman	MUDr.	Ph.D.	Experimental Surgery	10 Feb 2014	Percutaneous electrogastronomy: nature and scope of its clinical use in abdominal surgery
Germanová Anna	MUDr.	Ph.D.	Biochemistry and Pathobiochemistry	18 Sep 2014	Genetic background and new biochemical markers in pathological pregnancy
Goetz Michal	MUDr.	Ph.D.	Psychology	11 Mar 2014	Cerebellar function in attention deficit disorder with hyperactivity
Hindoš Hřebacková Jana	Ing.	Ph.D.	Cell Biology and Pathology	25 Sep 2014	Action of valproic acid and its effect in combination with tumour cells in vitro
Holubová Martina	Mgr.	Ph.D.	Biochemistry and Pathobiochemistry	29 Sep 2014	Influence of stable agonists and antagonists of the ghrelin receptor on regulation of food intake
Horák Martin	MUDr. Bc.	Ph.D.	Medical Biophysics	15 Sep 2014	Contribution to radio diagnosis and therapy of selected pathologic lesions of the femur in childhood and adulthood

Surname and first name	Degree (before name)	Degree (after name)	Field	Date of defence	Title of thesis
Hrubá Martina	RNDr.	Ph.D.	Molecular and Cellular Biology, Genetics and Virology	18 Mar 2014	Analysis of structural chromosome re-arrangements in haematological neoplasia. A study into structural chromosome aberrations of cells in chronic lymphatic leukaemia following DSP30/IL2 stimulated cultivation



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

Surname and first name	Degree (before name)	Degree (after name)	Field	Date of defence	Title of thesis
Chleborád Karel	MUDr.	Ph.D.	Biomedical Informatics	23 Oct 2014	State of denture in handicapped patients
Kodet Ondřej	MUDr.	Ph.D.	Experimental Surgery	13 Oct 2014	Study into epithelial mesenchymal interactions in tumours originating from pavement epithelia
Koničková Renata	Ing.	Ph.D.	Biochemistry and Pathobiochemistry	19 Nov 2014	Antiproliferative effects of heme catabolic pathway's products
Kosák Mikuláš	MUDr.	Ph.D.	Human Physiology and Pathophysiology	20 Nov 2014	Hypothalamo-pituitary dysfunctions and their assessment in various pathologic conditions
Košář Martin	Mgr.	Ph.D.	Molecular and Cellular Biology, Genetics and Virology	18 Mar 2014	Mechanisms of replicative, drug- and oncogene-induced cellular senescence
Kotulák Tomáš	MUDr.	Ph.D.	Human Physiology and Pathophysiology	23 June 2014	Factors that influence glucose metabolism and inflammatory response in critically sick patients
Krupková Michaela	Mgr.	Ph.D.	Molecular and Cellular Biology, Genetics and Virology	13 Oct 2014	Functional genomic and pharmacogenomic analysis of aspects of metabolic syndrome
Kubínová Kristýna	MUDr.	Ph.D.	Experimental Surgery	31 Mar 2014	Determination of frequency of mutations of the gene for fumarate hydratase in patients with uterine myomas
Lorková Lucie	Ing.	Ph.D.	Molecular and Cellular Biology, Genetics and Virology	13 Oct 2014	Proteomic approaches to the study of tumour conditions
Lukešová Eva	MUDr.	Ph.D.	Experimental Surgery	15 Dec 2014	Immunophenotyping of patients with HPV-associated and non-associated carcinomas of the head and neck
Lukšan Ondřej	Mgr.	Ph.D.	Biochemistry and Pathobiochemistry	18 Sep 2014	Regulatory mechanisms of ornithine transcarbamylase and beta-glucocerebrosidase gene expression and their relevance to diagnosis
Macásek Jaroslav	MUDr.	Ph.D.	Biochemistry and Pathobiochemistry	18 Sep 2014	Metabolism of fatty acids in diseases of the pancreas
Masopust Václav	MUDr.	Ph.D.	Human Physiology and Pathophysiology	11 Dec 2014	Neuromodulation – importance of postoperative epidural fibrosis
Matějů Martin	MUDr.	Ph.D.	Molecular and Cellular Biology, Genetics and Virology	19 Sep 2014	Clinical genetic aspects of familial incidence of breast carcinoma. Frequency of recurrent mutations in BRCA1 and BRCA2 genes in the Czech Republic
Maurovich Horvat Eszter	MUDr.	Ph.D.	Neurosciences	22 Sep 2014	Immunologic and metabolic changes in sleep disorders
Menzlová Erika	MUDr.	Ph.D.	Preventive Medicine	25 Sep 2014	Antibiotic prophylaxis in treatment of extensive birth traumas





Surname and first name	Degree (before name)	Degree (after name)	Field	Date of defence	Title of thesis
Měšťák Ondřej	MUDr.	Ph.D.	Experimental Surgery	28 Apr 2014	Use of biological materials for tissue replacement in plastic surgery
Michalský David	MUDr.	Ph.D.	Experimental Surgery	12 May 2014	Bariatric surgery and sleeve gastrectomy. Influence of radical resection of the pyloric antrum upon evacuation capacity of the stomach
Otiashvili David		MD, Ph.D.	Psychology	11 Mar 2014	Non-medical use of buprenorphine in Georgia: prevalence, socio-demographic and environmental correlates, treatment and policy options of bypasses
Pacovský Vladimír	MUDr.	Ph.D.	Gerontology	23 June 2014	Fractures of the distal radius as an important geronto-traumatological problem and the options for the solution
Pankowská Anna	Mgr.	Ph.D.	History of Medicine	13 Nov 2014	Reconstruction of health and life style of individuals buried in refuse pits and graves in the Early and Middle Bronze Age pathologic signs on the skeleton
Pěč Ondřej	MUDr.	Ph.D.	Psychology	2 Dec 2014	Splitting and Dissociation in Schizophrenia
Pešíčková Satu	MUDr.	Ph.D.	Human Physiology and Pathophysiology	25 Sep 2014	Lupus nephritis – new diagnostic and therapeutic approaches
Petrásek Tomáš	Mgr.	Ph.D.	Neurosciences	3 Nov 2014	Learning and memory in transgenic rats with reduced Nogo-A protein expression
Pospíšilová Hana	MUDr.	Ph.D.	Human Physiology and Pathophysiology	15 May 2014	Metabolic syndrome and the steroid spectrum
Pospíšilová Jana	RNDr.	Ph.D.	Molecular and Cellular Biology, Genetics and Virology	21 May 2014	Proteomic as an instrument for the study of molecular mechanisms of major diseases
Prokopová Iva	PharmDr.	Ph.D.	Neurosciences	15 Sep 2014	Neuropharmacology of orientation to 3D space and tests of co-ordination and flexibility on animal models
Rajčanová Michaela	Mgr.	Ph.D.	Biochemistry and Pathobiochemistry	7 Oct 2014	Peptide inhibitors immobilized to magnetic carriers and Sepharose, applied to separation of gastric aspartate proteinases
Richter Tomáš	MUDr.	Ph.D.	Gerontology	9 Sep 2014	Anti-aggregative effects of citalopram
Richtrová Eva	Mgr.	Ph.D.	Molecular and Cellular Biology, Genetics and Virology	10 June 2014	Characterization of promotor areas of HGSNAT and GBA genes, and contribution to study of MPS IIIC pathogenesis and Gaucher disease
Roubal Jan	MUDr.	Ph.D.	Psychology	2 Dec 2014	Emotions experienced by psychotherapists during the psychotherapeutic session with a depressive client: y anchored theory
Růžička Filip	MUDr.	Ph.D.	Neurosciences	1 Sep 2014	Neuroanatomical aspects of non-Gmotor effects of deep brain stimulation -
Skalský Ivo	MUDr.	Ph.D.	Experimental Surgery	10 Mar 2014	Recent options of influencing the long-term competency of coronary vessels
Skarlandtová Hana	Mgr.	Ph.D.	Human Physiology and Pathophysiology	18 Sep 2014	Stress response to heart catheterization. Concentration of stress markers of the hypothalamic-pituitary-adrenal axis

Surname and first name	Degree (before name)	Degree (after name)	Field	Date of defence	Title of thesis
Stránská Zuzana	MUDr.	Ph.D.	Human Physiology and Pathophysiology	25 Sep 2014	Dyslipidaemia of the metabolic syndrome and exercise
Tomčík Michal	MUDr.	Ph.D.	Human Physiology and Pathophysiology	16 Jan 2014	Importance of new anti-inflammatory and/or profibrotic molecules in pathogenesis of systemic scleroderma
Valach Jaroslav	MUDr.	Ph.D.	Experimental Surgery	17 Feb 2014	Glycobia of head and neck tumours
Vondráčková Alžběta	Mgr.	Ph.D.	Biochemistry and Pathobiochemistry	12 Mar 2014	Genetic causes of cytochrome c oxidase deficiency in children
Vošahlíková Miroslava	Ing.	Ph.D.	Biochemistry and Pathobiochemistry	17 June 2014	Modulating influence of monovalent ions on δ -opioid receptors
Wohlfahrt Peter	MUDr.	Ph.D.	Human Physiology and Pathophysiology	15 May 2014	Relation between properties of lower extremity vessels and aortal rigidity and their influence upon cardiovascular risk
Zakiyanov Oskar	PhDr. MUDr.	Ph.D.	Biochemistry and Pathobiochemistry	20 May 2014	Novel biomarkers in patients with renal disease

Number of students admitted and dissertation theses defended in doctoral study programmes at the First Faculty of Medicine

Year	2010	2011	2012	2013	2014	2010–2014
Admitted	172	141	134	140	149	736
Defended	57	76	54	69	58	314

THE MD/PH.D. PROGRAMME IMPLEMENTED IN CO-OPERATION OF CHARLES UNIVERSITY – THE FIRST FACULTY OF MEDICINE AND THE GENERAL UNIVERSITY HOSPITAL IN PRAGUE

In co-operation with the General University Hospital, the First Faculty of Medicine offers the students of the full-time form of doctoral study programmes with the option of pre-attestation education in a variety of educational programmes. The aim of this activity is to provide for quality research at the clinical institutions of the hospital in those areas of health care that are considered as priority. With the students assigned, the General University Hospital will make a part-time employment contract (up to 0.5 position) with terminate duration, however not longer than for the term of full-time studies.

To enhance quality in the MD/Ph.D. programme, specific criteria have been adopted to assess the prospective students, and subsequently to evaluate the students' individual plans of studies. In 2014, the General University Hospital put up posts for competition twice:

1. For students who had been admitted to the MD/Ph.D. programme and had applied for extension of the employment contract. Sixteen students out of eighteen applicants were granted extension of the employment contract at the units of the First Faculty of Medicine and the General University Hospital, in particular at the Institute of Pharmacology, 2nd and 3rd Medical Departments, Department of Paediatrics and Adolescent Medicine, Department of Neurology, and Department of Psychiatry. Two students had not met one of the requirements, in particular "study in the full-time form" (as they already were in their 5th year) and their contracts were therefore terminated. Three students terminated the contracts at their own request (higher workload, long-term stay abroad and transfer to another workplace).
2. For students who applied for the MD/Ph.D. programme for the first time. All four students who had applied were admitted to the joint units of the First Faculty of Medicine and the General University Hospital, in particular to the Institute of Pathological Physiology Institute of Clinical and Experimental Oncology, and the Department of Nephrology.

In its sessions, the Scientific Board of the First Faculty of Medicine performed 9 procedures for appointment to professor posts and 15 habilitation procedures to appoint associate professors in 2014. The Faculty possesses accreditations for 21 doctoral study programmes. In 2014, the total number of 58 students successfully completed their studies in doctoral programmes. The Faculty possesses accreditations for habilitation procedures in 39 fields and accreditations for procedures to appoint to professor posts in 37 fields.

On the occasion of an important personal jubilee and for special merits in development of the University, Assoc. Prof. MUDr. Petr Bartůněk, CSc. was granted a gold medal by the Rector of Charles University in Prague at the proposal of the Dean of the First Faculty of Medicine in 2014.

At the recommendation by the Scientific Board of the First Faculty of Medicine, a honorary doctorate in medical sciences was awarded to Prof. Yosef Gruenbaum in Magna Aula of the historic Karolinum on 20th October 2014, for his pioneer discoveries which represent an important asset for biology and medical science, as well as for his support of Czech science and university education.

In 2014, the Rector's Board of Charles University approved on five proposals from the First Faculty of Medicine to appoint visiting professors. The new visiting professors are: Prof. Dr. Gaynor Sadlo, Ph.D., University of Brighton, for the Department of Rehabilitation Medicine; Prof. Heiko Herwald, Ph.D., Lund Universitet, Biomedical Center, Division of Infection Medicine, Professor of Medical Microbial Pathogenesis, for the Department of Infectious Diseases; Prof. Dr. Med. Hans-Georg Kräuslich, Ruprecht-Karls-University Heidelberg; Prof. Dominique Paul Germain, Université de Versailles, Faculté des Sciences de St Quentin en Yvelines; and Barry Anthony Boilson, MD, Ph.D., Mayo Clinic, both for the 2nd Medical Department.

Survey of international grants

Name of project	Type of instrument
Neonatal European Study of Inhaled Steroids (NEUROSIS)	7 th Framework Programme
Cancer Genomics of the Kidney (CAGEKID)	7 th Framework Programme
Safety Evaluation of Adverse Reactions in Diabetes (SAFEGUARD)	7 th Framework Programme
A randomized clinical trial to evaluate the effectiveness of a multi-modal intervention in older people with type 2 diabetes on frailty and quality of life: THE MID-FRAIL STUDY	7 th Framework Programme
The Sugar Code: from (bio)chemical concept to clinics (GLYCOPHARM)	7 th Framework Programme
Epigenetics for female personalized cancer care (EPIFEMCARE)	7 th Framework Programme
Clonidine for Sedation of Paediatric Patients in the Intensive Care Unit (CLOSED)	7 th Framework Programme
Anti-Biopharmaceutical Immunization: Prediction and analysis of clinical relevance to minimize the risk (ABIRISK)	IMI Joint Undertaking
Sarcopenia and physical frailty in older people: multi-component treatment strategies (SPRINTT)	IMI Joint Undertaking
Mental Health through Technology-enhanced Personalization of Care (PRO-YOUTH)	EAHC
Using Multidimensional Ronostic Indices (MPI) to improve cost-effectiveness of interventions in multimorbid frail older persons (MPI_AGE)	EAHC
Single Hub and Access point for paediatric Rheumatology in Europe (SHARE)	EAHC
European network and registry for homocystinurias and methlation defects (E-HOD)	EAHC
Internet Tools for Research in Europe on New Drugs (I-TREND)	Directorate-general justice
A LOCAL approach toward the reduction of PsychoActive Substance uSe (LOCAL-PASS)	Directorate-general justice
Promoting Excellence in Drug Prevention in the EU	Directorate-general justice
Raising awareness among teenagers on risks associated with drug use through an innovative prevention methodology based on the web series "Boys and Girls"	Directorate-general justice
New Psychoactive Substances among Problem Drug Users – Towards Effective and Comprehensive Health Responses in Europe	Directorate-general justice
An EU rare diseases registry for Niemann-Pick Disease type A, B and C (NPDR)	EAHC
Science for Prevention Academic Network (SPAN)	Lifelong learning programme
The development of human resources, evidence base and quality standards in addictology (trans-disciplinary addiction science) in Georgia	Education, Audiovisual and Culture Executive agency

GRANT SUPPORT FOR SCIENCE AND RESEARCH



Number of grant projects at the First Faculty of Medicine and the General University Hospital 2011–2014

Name of grant agency	2011		2012		2013		2014	
	Faculty	Hospital	Faculty	Hospital	Faculty	Hospital	Faculty	Hospital
Grant agency of Czech Republic	39	0	43	2	43	2	41	3
Grant agency of Charles University	70	0	77	0	69	0	71	0
Grant agency of Ministry of Health	48	90	41	70	55	94	51	92
UNCE, PRVOUK	0	0	17	0	17	0	17	0
TA ČR	1	0	1	0	1	0	3	1
Other ministries	35	4	22	3	20	3	23	3
Academy of Sciences	2	1	1	0	0	0	0	0
International grants	14	12	15	10	21	7	24	7
Subtotal	209	107	217	85	226	106	230	106
Total Faculty & Hospital	316		302		332		336	

Success rate of the grant applications

Year of launching of the project	Grant Agency of the Czech Republic			Grant Agency of Charles University			Internal Grant Agency of the Ministry of Health		
	Applications	Grants	%	Applications	Grants	%	Applications	Grants	%
2011	23	2	9 %	88	25	28 %	33	9	27 %
2012	43	16	37 %	67	21	31 %	42	12	29 %
2013	40	7	18 %	74	16	22 %	39	13	33 %
2014	36	4	11 %	69	21	30 %	0	0	0 %

Subsidies for science and research

Year	Faculty	GT Hospital	Total
2011	CZK 386,762,396	CZK 163,531,000	CZK 550,293,396
2012	CZK 392,109,719	CZK 163,609,000	CZK 555,718,719
2013	CZK 390,793,883	CZK 198,900,000	CZK 589,693,883
2014	CZK 376,533,386	CZK 195,930,000	CZK 572,463,386

Basic parameters of scientific activity at the First Faculty of Medicine 2010–2014

Financial and personnel support							Publications and their impact						
							specifically:						
	Grant funds allotted in thousands CKR	Number of grant projects incl. those submitted in GT Hospital and MH	Total manpower of the Faculty (converted to full-time positions)	Number of students in doctoral study programmes	Total number of publications	Total number of authors	Monographs and textbooks in Czech or English	Original expert and scientific publications and reviews without IF	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
2010	353,594	283 4	886.18 (+ 86.5) ¹⁾ (+ 276.17) ²⁾	895	2,040	1,234	107	694	534	638	1,756.6	18,389	852
2011	386,762	312 4	931.88 (+ 62.7) ¹⁾ (+ 245.9) ²⁾	927	2,211	1,297	163	711	489	639	1,483.7	20,020	891
2012	392,110	301 1	935.20 (+ 79.5) ¹⁾ (+ 183.0) ²⁾	906	1,989	1,464	132	675	588	757	2,011.4	23,058	1,061
2013	390,794	331 1	960.48 (+ 106.8) ¹⁾ (+ 150.88) ²⁾	973	1,886	1,511	64	636	533	753	1,989.4	26,304	1,081
2014	376,533	336 0	963.89 (+ 60.33) ¹⁾ (+ 184.74) ²⁾										

¹⁾ From grants

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

²⁾ From Research Concepts

Total number of authors and publications – excluding abstracts

STUDENT SCIENTIFIC CONFERENCE

On 21st May 2014, our Faculty held the traditional Student Scientific Conference, the 15th in line after 1989. This conference, in which 73 presentations were done, proceeded in three sections – undergraduate and postgraduate, plus the section for non-medical fields (nursing, addictology etc.). The undergraduate section consisted of three parts – theoretical; clinical; and that reserved for prevention in medicine. The postgraduate section, in turn, was divided into the theoretical and clinical part. Due to the large number of participants, both the postgraduate sections had to be judged by several boards.

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

Students' presentations were given in lecture halls of the Department of Stomatology, the lecture hall of the Department of Anaesthesiology, Resuscitation and Intensive Care, and the Small Session Room of the Dean Office.

The evaluating board for the theoretical part of the undergraduate section (Prof. Otomar Kittnar, Prof. Jiří Novák, Assoc. Prof. Karel Kupka) awarded the prize for the best presentation to Igor Romanko for the paper Expression of the fibroblast activating protein in CXCR4 stromal cells of experimental glial tumours. The extraordinary prize of the Galén publishing house was awarded to Martin Ďibďák, Adéla Richtárová and Kateřina Trnková for Comparison of the influence of once-only preventative and once-only therapeutic administration of erythropoietin upon motor function of adult lab rats following an experimentally induced cerebrovascular accident. The extraordinary prize of the Grada publishing house was awarded to Silvie Hrubá for her paper Positive aspects of mini-invasive surgery of the thyroid gland. The last extraordinary prize, granted to this category by Zdravotnické noviny, was won by Marika Dědinová for her paper on the topic Hypertonic response to exertion.

The undergraduate section included the category Prevention in medicine, whose evaluating board was composed of Assoc. Prof. Milan Tuček, Dr. Alexandra Kmeťová and Dr. Miriam Schejbalová. The paper the Board put in the first place was The World Health Day: Education of public aimed at prevention and health promotion by Zuzana Adamčeková and Lenka Fenclová. The extraordinary prize of the Galén publishing house was awarded to Václav Pěkný and Jan Štědrý for the paper Examples in adolescence and initiation of smoking. The extraordinary prize of the Grada publishing house was won by Ivan Struk, Jan Kršňák and Ondřej Stehno for their paper Optimization of monitoring of muscle strength in the forearm. Another special prize, Zdravotnictví a medicína, was awarded to Alžběta Bezdová, Šárka Klimšová, Barbora Likavcová, Anna Michálková and Barbora Všeticková for Women's awareness of the adverse effect of smoking while taking hormonal contraception.

The evaluating board for non-medical fields section 1 (Prof. Michal Mioviský, Assoc. Prof. Miroslav Zeman, Dr. Jana Hocková, and Dr. Lucie Kališová) awarded the first prize for the best presentation to Lada Zlochová for her paper ECMO (extracorporeal membranous oxygenation) at the Plzeň University Hospital. The extraordinary prize of the Galén publishing house was awarded to Hana Buriánková for her Public awareness of issues of bone marrow donorship. The extraordinary prize of the Grada publishing house was won by Lenka Cvrkalová for her paper Nurses' communication with patients with controlled airways at a resuscitation department.

The evaluating board for non-medical fields section 2 (Prof. Michal Mioviský, Mr. Jaroslav Vacek, Dr. Eva Marková, and Mr. Marek Macák) decided to award two first prizes. These were shared by Dr. Lenka Čablová with her paper Paternal upbringing styles and typology of alcohol abuse in adolescents, and Jiří Michalec for his Standardization of the Czech version of the Tower of London test: item analysis. Both said students shared the extraordinary prizes too, as Dr. Lenka Čablová won the Galén prize and Mr. Michalec the Grada prize.

The evaluating board for the theoretical part of the postgraduate section 1 (Assoc. Prof. Dana Marešová, Assoc. Prof. Jan Živný and Dr. Vladimír Riljak) awarded the prize for the best presentation to Kateřina Faltusová for her paper Phenotype of haematopoietic stem cells in regenerating haematopoietic tissue. The extraordinary prize of the Galén publishing house was awarded to Filip Lhota for his Identification of heritable alterations predisposing to occurrence of breast carcinoma through "next-gene" sequencing. The extraordinary prize of the Grada publishing house was won by Ľubica Ďudáková for her paper on the topic Analysis of single-nucleotide polymorphisms in the genes for lysyl oxidase and hepatocytic growth factor in patients with keratoconus.

The evaluating board for the theoretical part of the postgraduate section 2 (Prof. František Perlík, Prof. Martin Haluzík, Assoc. Prof. Matouš Malbohan and Assoc. Prof. Dušan Cmarko) awarded the prize to Kateřina Vaňková for her paper Study of anti-proliferative properties of chlorophyll. The prize of the Galén publishing house was awarded to Dita Šetinová for her Identification of the regulating RNA controlling the production of antibiotics in *Streptomyces coelicolor*. The extraordinary prize of the Grada publishing house was won by Zdeňka Hanusová for the paper Characterization of the role of PAR-2 protein expression in a mice model of prion infection.

The evaluating board for the clinical part of the postgraduate section 1 (Prof. Miroslav Zeman, Prof. Eva Havrdová, and Assoc. Prof. Radan Brůha) awarded the prize for the best presentation to Dr. Antonín Šípek for his paper on the topic Hetero-

chromatin varieties of human chromosome 9 and their possible relation to disturbances in human reproduction. The prize of the Galén publishing house was won by Dr. Renata Šenkeříková for the paper Genetically conditioned reduced expression of TNF- α reduces the risk of major bacterial infections in patients with advanced liver cirrhosis. The extraordinary prize of the Grada publishing house was granted to Dr. Filip Burget for his paper Assessment of the risk of occurrence of fractures in elderly patients depending on the climate.

The evaluating board for the clinical part of the postgraduate section 2 (Prof. Karel Šonka, Prof. Zdeněk Fišar, Assoc. Prof. Pavel Dundr and Assoc. Prof. Michal Vrablík) awarded the first prize to Dr. Petra Nytrová for her paper on the topic Neuronal antibodies in patients with multiple sclerosis and clinically isolated syndrome. The extraordinary prize of the Galén publishing house was awarded to Dr. Lucia Skáčiková for her paper Lymphocyte subpopulation and intracellular production of cytokines in patients with neuromyelitis optica. The extraordinary prize of the Grada publishing house was won by Dr. Bohdan Kousal for his Molecular genetic analysis of a multigeneration family with retinitis pigmentosa. The last extraordinary prize, granted by Zdravotnické noviny, was awarded to Dr. Jakub Albrecht for his paper Evaluation of efficiency of repetitive transcranial stimulation in therapy of drug resistant depressive disorder.

The award ceremony was held at the Academic Club of the First Faculty of Medicine in Faust House on 25th May 2014 at 2 p.m.

2013 BIBLIOGRAPHY

For several years, the Annual Report of the First Faculty of Medicine of Charles University in Prague has presented surveys of the data collected about publishing activities of the Faculty staff members and their statistical analysis concerning particular types of the documents. In 2013, the total of 1,886 items that fall into the categories under survey were published. The number of publishing authors from the First Faculty of Medicine was 1,511¹.

By the Dean's Order 10/2009, stating the list of organization units of the First Faculty of Medicine of Charles University as well as their official names, also in 2013 strictly only those publications (and their possible citations) have been listed that state the allegiance to the Faculty. This measure fully meets the requirements set by the Council for Research, Development and Innovation for including the publications in the Register of Information on Results (RIV) and their subsequent acknowledgement, which also influences the sum of the institutional funding.

Transfer to the unified University system OBD in 2014 (i.e. concerning the data collected in 2013) involved adjustment and complementation of the table with identical typology of the documents collected. This change is based on an all-university consent and – compared to the previous system – it is different in terms of definition of some categories of documents. This change does not concern the points allotted to particular types of documents collected.

Bibliometric data processing is based on classification of publication in categories according to IF and BIB points allotted (pursuant to the Resolution VII/7 of the Scientific Council of Charles University of 31st January 2006, as adopted by later Resolutions of the Scientific Council of the First Faculty of Medicine). Distribution of the shares of IF and BIB points among the authors was changed in order to give an advantage to the first author and the corresponding author (who are given one third of the total point each) while the remaining third is evenly shared by the other co-authors. A similar technique was applied to compute the SCI points, however, considering the nature of the data, this had to be done with every quoted publication for every author. The intention to increase the share of SCI points in the total scores led to another adjustment in computing the total scores of IF, SCI and BIB points. In the total score, the figure of IF points are tripled and SCI points doubled, compared to BIB points. For the purpose of conversion of the totals of the points gained by particular organization units to the workload, the total number of position only includes positions of the academic staff (i.e. full, associate and assistant professors, and lecturers).

The number of citations of publications by authors from the First Faculty of Medicine according to the Science Citation Index (SCI) and Social Science Citation Index (SSCI) of the Web of Knowledge™ data base was 26,304; this means that in spite of the said strict measures the number of citations rose by 3,246, compared to 2012. (Compared to 2009, it rose by 88 per cent.)

In 2013, the total number of 753 authors from the First Faculty of Medicine of Charles University published 544 original and synoptic articles in journals with impact factors (IF).

In the 2007 Annual Report of the Faculty (containing the 2006 bibliographic data), the values of the Hirsch index (h-index) were presented for the first time, both for particular authors (see the table and diagram "Hirsch index" – page 62) and the First Faculty of Medicine as a whole. By 31st December 2012, for the Faculty the h-index equalled 74, and by 31st December 2014 the institutional h-index was up to 86. In the long-term aspect, the First Faculty of Medicine shows a constant increase in this value as well.

PUBLICATIONS IN JOURNALS WITH HIGH IMPACT FACTORS IF:

- 6 publications in a journal with IF = 54.420 (New England Journal of Medicine)
- 3 publications in a journal with IF = 39.207 (Lancet)
- 1 publication in a journal with IF = 29.648 (Nature Genetics)
- 1 publication in a journal with IF = 22.128 (Annual Review of Pathology: Mechanisms of Disease)
- 3 publications in a journal with IF = 17.879 (Journal of Clinical Oncology)
- 1 publication in a journal with IF = 17.472 (Alzheimer's and Dementia)
- 1 publication in a journal with IF = 15.343 (Journal of the American College of Cardiology)
- 1 publication in a journal with IF = 15.161 (Journal of the National Cancer Institute)
- 4 publications in a journal with IF = 14.723 (European Heart Journal)
- 1 publication in a journal with IF = 14.000 (PLoS Medicine [online])
- 1 publication in a journal with IF = 13.319 (Gut)
- 2 publications in a journal with IF = 11.190 (Hepatology)
- 1 publication in a journal with IF = 10.987 (American Journal of Human Genetics)
- 2 publications in a journal with IF = 10.401 (Journal of Hepatology)

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

2 publications in a journal with IF = 10.226 (Brain)
1 publication in a journal with IF = 9.688 (Journal of Cell Biology)
1 publication in a journal with IF = 9.472 (Biological Psychiatry)
5 publications in a journal with IF = 9.270 (Annals of the Rheumatic Diseases)
1 publication in a journal with IF = 9.197 (International Journal of Epidemiology)
1 publication in a journal with IF = 8.559 (Oncogene)
1 publication in a journal with IF = 8.303 (Neurology)
1 publication in a journal with IF = 8.193 (Clinical Cancer Research)
1 publication in a journal with IF = 8.167 (PLoS Genetics [online])
1 publication in a journal with IF = 8.057 (PLoS Pathogens [online])
2 publications in a journal with IF = 7.667 (Antioxidants and Redox Signaling)
1 publication in a journal with IF = 7.132 (Chest)
1 publication in a journal with IF = 7.125 (European Respiratory Journal)
1 publication in a journal with IF = 6.677 (Human Molecular Genetics)
2 publications in a journal with IF = 6.578 (Annals of Oncology)
3 publications in a journal with IF = 6.577 (European Journal of Heart Failure)
3 publications in a journal with IF = 6.310 (Journal of Clinical Endocrinology and Metabolism)
1 publication in a journal with IF = 6.214 (Radiology)
1 publication in a journal with IF = 6.175 (International Journal of Cardiology)
2 publications in a journal with IF = 6.147 (Critical Care Medicine)
1 publication in a journal with IF = 5.868 (Haematologica)
2 publications in a journal with IF = 5.808 (Cardiovascular Research)
1 publication in a journal with IF = 5.760 (Thrombosis and Haemostasis)
2 publications in a journal with IF = 5.634 (Movement Disorders)
1 publication in a journal with IF = 5.629 (Clinical Science)
1 publication in a journal with IF = 5.580 (Journal of Neurology, Neurosurgery and Psychiatry)
1 publication in a journal with IF = 5.544 (Intensive Care Medicine)
1 publication in a journal with IF = 5.480 (Journal of Medicinal Chemistry)
2 publications in a journal with IF = 5.478 (Alimentary Pharmacology and Therapeutics)
2 publications in a journal with IF = 5.432 (Brain Stimulation)
1 publication in a journal with IF = 5.386 (International Journal of Obesity)
1 publication in a journal with IF = 5.337 (Circulation. Cardiovascular genetics)
1 publication in a journal with IF = 5.269 (Cancer Prevention Research)
1 publication in a journal with IF = 5.218 (Journal of Molecular and Cellular Cardiology)
1 publication in a journal with IF = 5.196 (Endoscopy)
1 publication in a journal with IF = 5.089 (Biochimica et Biophysica Acta – Molecular Basis of Disease)
4 publications in a journal with IF = 5.007 (International Journal of Cancer)
1 publication in a journal with IF = 5.001 (Journal of Proteome Research)

PUBLICATIONS IN JOURNALS WITH THE HIGHEST IMPACT FACTORS, BY THE AUTHOR'S ROLE²

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² Authors from Charles University – First Faculty of Medicine in associated authorship are put at the first or last position, or they may be corresponding authors (always in bold print)

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Publications in journals with the highest IF in 2013. in which authors from the First Faculty of Medicine published

2013 IF	Total number of publications with participation of authors from the Faculty	Number of publications in which the author from the Faculty is at the first or last place or a corresponding author
22.128–54.420	12	2
10.226–17.879	19	3
8.057–9.688	13	3
6.147–7.667	18	6
5.001–5.868	25	5

Total publishing output of the First Faculty of Medicine in 2010–2013

Type of document	Points	2010	2011	2012	2013
Primary publication in scientific/professional journal with IF (multicentre study in scientific / professional journal with IF)	7	454	418	514	467
Primary publication in scientific/professional journal without IF (multicentre study in scientific/professional journal without IF)	2/1.5	267	281	325	234
Synoptic article in scientific/professional journal with IF (multicentre study in scientific/professional journal with IF)	10	43	43	44	62
Synoptic article in scientific/professional journal without IF (multicentre study in scientific/professional journal without IF)	3/2	424	416	347	401
Translation of article in scientific/professional journal, or of chapter in monograph to/from Czech language	à 0.25/0.5	1	0	8	1
Case study	3.5/1/ 0.75	70	57	47	67
Primary article in newspaper or popularizing scientific journal	0.2	20	29	54	29
Other types of articles in scientific/professional journals	0.2	94	119	84	100
Biographic article (anniversary, obituary) in scientific/professional journal	0.2	6	12	6	a)
Reports of conferences and professional association sessions in scientific/professional journals	0.2	34	15	18	(a)
Letter to the editors in scientific/professional journals with IF	2	23	15	20	9
Letter to the editors in scientific/professional journals without IF	0.5	1	5	2	1
Editorial in scientific/professional journals with IF	1	n. a.	n. a.	n. a.	6
Editorial in scientific/professional journals without IF	0.25	n. a.	n. a.	n. a.	13
Multicentre study in scientific/professional journal with IF*)	7	14	13	10	(b)
Multicentre study in scientific/professional journal without IF*)	2/1.5	2	9	1	(c)
Publication in proceedings/collection, entry in Pharmindex, Repetitorium, Doporučené postupy in Czech/Slovak language	1	114	102	61	66
Publication in proceedings/collection in other than Czech / Slovak language	2	19	29	16	2
Chapters in monographs in Czech/Slovak language**)	à 0.5	232	190	74	154
Chapters in monographs in other than Czech/Slovak language **)	à 1	36	36	39	39
Monograph in Czech/Slovak language **)	à 0.5	34	39	31	34
Monograph in other than Czech/Slovak language **)	à 1	5	1	2	6
Textbooks, cyclopaedias, manuals, reference books, dictionaries, popularizing literature in Czech/Slovak language **)	à 0.5/ à 0.2	67	120	96	22
Textbooks, cyclopaedias, manuals, reference books, dictionaries, popularizing literature in other than Czech/Slovak language **)	à 1/ à 0.4	1	3	3	2
Patents and inventions, methods	10	2	4	4	2

Type of document	Points	2010	2011	2012	2013
Doctorate and professor degree dissertations and theses, MBA theses	2	16	12	10	12
Scientific/educational presentations: audio, CD, film, video, DVD, 3D, multimedia, data file, SW, expert system, www-document, e-learning material	2	15	33	16	4
Any other abstracts, miscellaneous (all except for the category conference abstracts)	0.15/à 0.15/0.3	46	210	157	153
Total number of publications ^{1/}		2,040	2,211	1,989	1,886
Number of authors from the First Faculty of Medicine ^{2/}		1,234	1,297	1,464	1,511
Total IF of publications in the category primary/synoptic article with IF ^{3/}		1,756.6	1,483.7	2,011.4	1,989.4
Number of authors from the First Faculty of Medicine, publishing in journals with IF ^{4/}		638	639	757	753
Number of quotations in SCI ^{5/}		18,389	20,020	23,058	26,304
Number of authors from the First Faculty of Medicine, quoted in SCI ^{6/}		852	891	1,061	1,081

n.a. – data for the year not collected.

*) Multicentre studies where the author from the First Faculty of Medicine is shown as one of the main authors and the Faculty is mentioned in the address

***) Value of chapters, monographs, textbooks, cyclopaedias, reference books and translations is calculated for every 5 standard pages (every commenced 5 pages; 1 standard page = 30 lines of 60 characters each, or 1,800 characters including spaces) in the publication – indexed in data bases SCOPUS, Web of Science, Medline. Mere editorship or nominal head authorship of a monograph is evaluated as 20 % of the total value of the publication, other authors receive 80 % points of the total value.

a) included in Other types of articles in scientific / professional journals

b) included in Primary / Synoptic articles in journals with IF

c) included in Primary / Synoptic articles in journals without IF

^{1/} number of entries in the bibliographic data base

^{2/} number of authors whose total IF + SCI + BIB > 0.0000

^{3/} total of IF publications in categories Primary publication in scientific / professional journal with IF and Synoptic article in scientific / professional journal with IF (without Case studies in scientific / professional journal with IF, letter to the editors in scientific / professional journal with IF)

^{4/} number of authors whose total IF > 0.0000

^{5/} total SCI points of authors from the First Faculty of Medicine (NOT the number of citations of all articles with at least one co-author from the Faculty)

^{6/} number of authors whose total SCI > 0

Bibliography, SCI, IF – by organization units – conversion to full-time positions of academic staff – TOP 40 – 2013

Standing after conversion to full-time positions	Organization units	Total of full-time positions of academic staff	BIB conv'd	SCI conv'd	IF conv'd	Converted BIB + 2 × SCI + 3 × IF per full-time position ¹
1.	Dept. of Rheumatology of First Faculty of Medicine and Rheumatology Institute	3.65	20.10	36.47	14.89	137.697
2.	Department of Oncology at Thomayer Hospital	7.60	11.81	26.90	16.59	115.388
3.	Department of Neurology	20.75	13.41	11.67	13.88	78.400
4.	Department of Anaesthesiology, Resuscitation and Intensive Medicine	0.80	32.30	10.99	6.01	72.306
5.	Institute of General Medicine	2.00	26.28	9.64	7.73	68.758
6.	Department of Nephrology	3.25	51.46	2.19	0.64	57.763
7.	Dept. of ENT and Head & Neck Surgery at Motol UH	4.30	17.24	8.23	7.25	55.444
8.	Department of Geriatrics	15.50	16.67	8.01	6.15	51.138
9.	Department of Pneumology at Thomayer Hospital	8.80	19.41	6.27	5.52	48.525
10.	Department of Occupational Medicine	3.60	8.74	11.35	4.86	46.030
11.	3 rd Medical Department	1.80	8.86	2.88	9.96	44.491
12.	Medical Department at Central Army Hospital	35.20	12.43	10.50	3.39	43.592
13.	Department of Psychiatry	8.20	11.53	5.88	6.69	43.359
14.	Department of Neurosurgery at Central Army Hospital	3.90	4.93	15.90	1.84	42.258
15.	Department of Gynaecology and Obstetrics	13.55	9.57	7.69	5.11	40.292
16.	Institute of Hygiene and Epidemiology	4.30	14.11	5.93	4.46	39.352
17.	Department of Traumatology of the Locomotor System at Central Army Hospital	2.15	25.81	6.14	0.00	38.089

Standing after conversion to full-time positions	Organization units	Total of full-time positions of academic staff	BIB conv'd	SCI conv'd	IF conv'd	Converted BIB + 2 × SCI + 3 × IF per full-time position ¹
18.	Institute of Clinical Biochemistry & Laboratory Medicine	24.65	6.05	11.25	3.15	37.991
19.	Institute of Sexology	5.00	8.03	6.72	5.09	36.728
20.	2 nd Medical Department – Department of Cardiology and Angiology	4.50	10.14	8.19	2.47	33.935
21.	Department of Oncology	20.85	7.90	9.86	2.03	33.713
22.	Institute of Clinical & Experimental Haematology	14.10	6.85	7.71	3.80	33.676
23.	Department of Urology	7.90	13.36	3.38	4.39	33.284
24.	Department of Plastic Surgery at Bulovka Hospital	1.95	7.04	2.01	7.31	32.971
25.	Institute of Pharmacology	1.60	14.52	1.25	4.57	30.729
26.	Dept. of Gynaecology & Obstetrics at Bulovka Hospital	17.10	4.83	5.13	4.94	29.916
27.	Institute of Inherited Metabolic Disorders	22.90	7.37	6.51	2.81	28.836
28.	Department of Orthopaedics at Motol UH	5.75	14.14	5.38	1.25	28.655
29.	4 th Medical Department – Department of Gastroenterology and Hepatology	7.55	7.72	5.56	2.98	27.797
30.	Institute of Anatomy	14.40	5.74	4.18	4.03	26.195
31.	Institute of Biochemistry & Experimental Oncology	1.35	6.17	5.59	2.79	25.708
32.	Institute of Pathological Physiology	9.60	7.12	6.28	1.63	24.586
33.	2 nd Surgical Department – Dept. of Cardiovascular Surgery	18.80	5.03	7.43	1.54	24.506
34.	Institute of Immunology and Microbiology	20.39	5.66	6.54	1.81	24.179
35.	Department of Paediatrics & Adolescent Medicine	3.80	6.83	5.14	1.87	22.732
36.	Institute of Biology and Medical Genetics	4.15	1.82	9.11	0.37	21.140
37.	Department of Oncology at Central Army Hospital	13.85	1.53	5.73	2.48	20.413
38.	1 st Medical Department – Department of Haematology	7.60	1.72	8.78	0.37	20.396
39.	Institute of Radiation Oncology at Bulovka Hospital	8.85	8.08	3.17	1.61	19.234
40.	Institute of Physiology	16.70	4.63	3.16	2.70	19.056

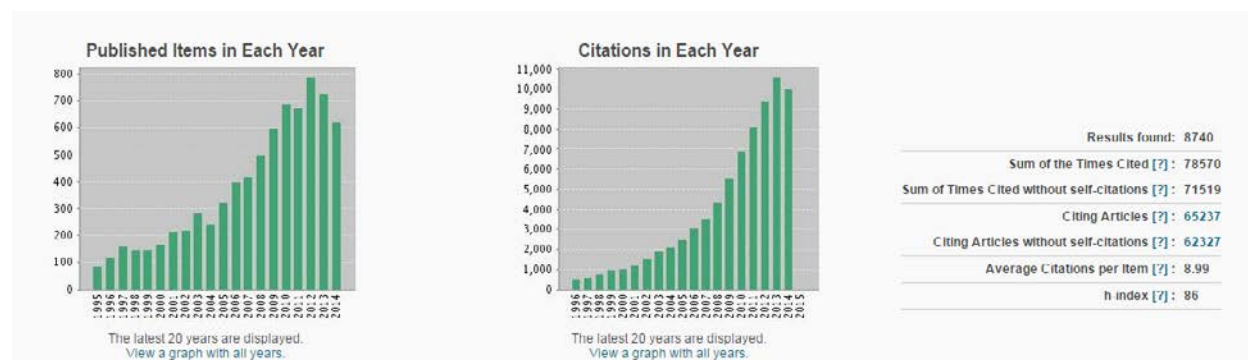
¹⁾ BIB/SCI/IF have been weighted in the total as 1:2:3 respectively (as decided by the Scientific Board of the Faculty on 31st May 2011), thus the total being equal to the number of BIB points plus the doubled number of SCI points plus the triple number of IF points.

Sum total of BIB, SCI and IF points in 2013 – by organization units

Standing not converted to full-time positions	Organization unit	BIB	SCI ¹	IF	BIB + 2 × SCI + 3 × IF ²
1.	Department of Neurology	278.29	242.10	288.10	1 626.79
2.	3 rd Medical Department – Department of Endocrinology and Metabolism	437.50	369.70	119.18	1 534.44
3.	Institute of Clinical Biochemistry & Laboratory Medicine	149.09	277.20	77.66	936.47
4.	Institute of Inherited Metabolic Disorders	89.77	204.45	126.09	876.95
5.	Department of Psychiatry	258.35	124.09	95.37	792.63
6.	Department of Gynaecology and Obstetrics	164.63	205.50	42.43	702.92
7.	Institute of Pathological Physiology	168.79	149.13	64.43	660.34
8.	2 nd Medical Department – Department of Cardiology and angiology	129.72	104.21	69.27	545.95
9.	Institute of Immunology and Microbiology	82.60	87.69	84.53	511.57
10.	Dept. of Rheumatology of First Faculty of Medicine and Rheumatology Institute	73.35	133.10	54.35	503.26
11.	Institute of Anatomy	115.33	133.36	36.99	493.01
12.	Department of Paediatrics & Adolescent Medicine	96.62	108.72	53.58	474.83
13.	4 th Medical Department – Department of Gastroenterology and Hepatology	94.62	139.66	28.93	460.72
14.	Department of Nephrology	170.85	55.21	48.59	427.02
15.	Institute of Biology and Medical Genetics	82.67	60.13	58.10	377.21
16.	Dept. of ENT and Head & Neck Surgery at Motol UH	94.51	48.24	54.85	355.54



Standing not converted to full-time positions	Organization unit	BIB	SCI ¹	IF	BIB + 2 × SCI + 3 × IF ²
17.	Institute of Physiology	77.40	52.71	45.14	318.24
18.	Institute of Biochemistry & Experimental Oncology	21.15	79.31	34.31	283.32
19.	Institute of Hygiene and Epidemiology	105.52	26.68	34.69	262.94
20.	Department of Anaesthesiology, Resuscitation and Intensive Medicine	74.12	35.38	31.18	238.41
21.	1 st Medical Department – Department of Haematology	68.39	60.33	15.66	236.03
22.	Department of Addictology	155.28	14.66	9.66	213.59
23.	Institute of Pharmacology	58.25	42.00	22.54	209.86
24.	Institute of General Medicine	167.25	7.12	2.08	187.73
25.	Institute of Cell Biology and Pathology	20.44	45.53	25.05	186.66
26.	Department of Neurosurgery at Central Army Hospital	40.14	33.58	25.45	183.64
27.	1 st Surgical Department – Dept. of Abdominal, Thoracic Surgery and Traumatology	35.46	45.04	14.92	170.29
28.	Dept. of Infectious & Tropical Diseases at Bulovka Hospital	71.54	28.02	14.21	170.22
29.	Medical Department at Central Army Hospital	60.68	25.51	19.17	169.21
30.	Department of Occupational Medicine	31.46	40.86	17.51	165.71
31.	Department of Geriatrics	19.21	62.01	7.20	164.81
32.	Department of Urology	81.32	30.91	7.21	164.76
33.	Department of Orthopaedics at Motol UH	13.08	66.75	2.81	155.01
34.	Institute of Biophysics and Informatics	42.82	27.07	18.96	153.85
35.	Department of Oncology	45.62	36.86	11.12	152.71
36.	Research Institute of Stomatology	52.37	23.53	16.75	149.69



				Standing not converted to full-time positions	
Surname, first name	H-index	Surname, first name	H-index	Surname, first name	H-index
Městecký, Jiří	71	Bednár, Ján	19	Flegel, Martin	15
Prchal, Josef	51	Grim, Miloš	19	Hána, Václav	15
Martásek, Pavel	41	Holcátová, Ivana	19	Hubálek Kalbáčová, Marie	15
Pavelka, Karel	37	Horký, Karel	19	Kršek, Michal	15
Pravenec, Michal	37	Jonák, Jiří	19	Schreiber, Vratislav	15
Štěpán, Jan	36	Stříž, Ilja	19	Šenolt, Ladislav	15
Říhová, Blanka	35	Aschermann, Michael	18	Šmíd, František	15
Tlaskalová - Hogenová, Helena	33	Češka, Richard	18	Tvrzická, Eva	15
Křen, Vladimír	32	Dvořánková, Barbora	18	Betka, Jan	14
Vodička, Pavel	31	Křenová, Drahomíra	18	Dezortová, Monika	14
Haluzík, Martin	30	Kunešová, Marie	18	Farghali, Hassan	14
Bencko, Vladimír	29	Michalová, Kyra	18	Filipec, Martin	14
Tesař, Vladimír	29	Nečas, Emanuel	18	Petrák, Jiří	14
Cífková, Renata	27	Nohýnková, Eva	18	Povýšil, Ctibor	14
Havrdová, Eva	27	Papežová, Hana	18	Raboch, Jiří	14
Nevšimalová, Soňa	27	Čermák, Jaroslav	17	Šedo, Aleksi	14
Navrátil, Tomáš	26	Druga, Rastislav	17	Štípek, Stanislav	14
Raška, Ivan	25	Kalousová, Marta	17	Topinková, Eva	14
Vencovský, Jiří	25	Kolářová, Libuše	17	Vyoral, Daniel	14
Vymazal, Josef	25	Křepela, Evžen	17	Živný, Jan	14
Zeman, Jiří	24	Poučková, Pavla	17	Bob, Petr	13
Zima, Tomáš	24	Růžička, Evžen	17	Borovanský, Jan	13
Škrha, Jan	23	Šonka, Karel	17	Crkovská, Jiřina	13
Halata, Zdeněk	22	Vítek, Libor	17	Doležalová, Pavla	13
Kmoch, Stanislav	22	Frič, Přemysl	16	Fuksová, Květoslava	13
Linhart, Aleš	22	Haluzíková, Denisa	16	Gatterová, Jindřiška	13
Marek, Josef	22	Hansíková, Hana	16	Heissigerová, Jarmila	13
Peterka, Miroslav	22	Hřebíček, Martin	16	Holada, Karel	13
Smetana, Karel	22	Jech, Robert	16	Hradec, Jaromír	13
Cibula, David	21	Lacinová, Zdeňka	16	Janků, Filip	13
Hynie, Sixtus	21	Lanctôt, Christian	16	Jiráček, Daniel	13
Kožich, Viktor	21	Ledvinová, Jana	16	Jirsa, Milan	13
Sedmera, David	21	Melenovský, Vojtěch	16	Kornalík, František	13
Vodičková, Ludmila	21	Otová, Berta	16	Krijt, Jakub	13
Kořínek, Josef	20	Stopka, Tomáš	16	Lukáš, Milan	13
Petruželka, Luboš	20	Zemanová, Zuzana	16	Pelclová, Daniela	13
Tichá, Marie	20	Zvolský, Petr	16	Petrovický, Pavel	13

Surname, first name	H-index	Surname, first name	H-index	Surname, first name	H-index
Plzáková, Zuzana	13	Prázný, Martin	12	Vachtenheim, Jiří	11
Prokešová, Ludmila	13	Svačina, Štěpán	12	Vítek, Antonín	11
Pytlík, Robert	13	Šedová, Lucie	12	Vrablík, Michal	11
Sosna, Antonín	13	Šedý, Jiří	12	Bušková, Jitka	10
Šeda, Ondřej	13	Špička, Ivan	12	Calda, Pavel	10
Tesařová, Markéta	13	Štork, Jiří	12	Dvořáková, Lenka	10
Trněný, Marek	13	Urgošík, Dušan	12	Fenclová, Zdenka	10
Widimský, Jiří	13	Vokurka, Martin	12	Fischerová, Daniela	10
Wichterle, Dan	13	Zadinová, Marie	12	Hartmannová, Hana	10
Zavoral, Miroslav	13	Žák, Aleš	12	Hůlková, Helena	10
Zikán, Michal	13	Bártlová, Markéta	11	Jirsová, Kateřina	10
Balíková, Marie	12	Beneš, Vladimír	11	Klement, Petr	10
Cmarko, Dušan	12	Boudová, Lea	11	Klener, Pavel	10
Dyr, Jan	12	Broulík, Petr	11	Krijt, Jan	10
Fialová, Lenka	12	Büchler, Tomáš	11	Lacina, Lukáš	10
Houštková, Hana	12	Dundr, Pavel	11	Langmeier, Miloš	10
Jáchymová, Marie	12	Halaška, Michael	11	Merta, Miroslav	10
Kemlink, David	12	Hořínek, Aleš	11	Mikula, Ivan	10
Klamová, Hana	12	Chovanec, Martin	11	Olejárová, Marta	10
Klaschka, Jan	12	Ješina, Pavel	11	Pařízek, Antonín	10
Kleibl, Zdeněk	12	Julák, Jaroslav	11	Plavka, Richard	10
Kobylka, Petr	12	Klener, Pavel	11	Pohlreich, Petr	10
Kostrouch, Zdeněk	12	Klenerová, Věra	11	Poupětová, Helena	10
Kvasnička, Jan	12	Malík, Jan	11	Síkora, Jakub	10
Mourek, Jindřich	12	Marinov, Iuri	11	Šámal, Martin	10
Neuwirtová, Radana	12	Matouš-Malbohan, Ivan	11	Štrauch, Branislav	10
Pacít, Ivo	12	Paleček, Tomáš	11	Urban, Pavel	10
Perlík, František	12	Roth, Jan	11	Vaněčková, Manuela	10
Pinskerová, Věra	12	Seidl, Zdeněk	11	Vymetálková, Veronika	10
Pláteník, Jan	12	Staňková, Barbora	11	Zelinka, Tomáš	10
Plzák, Jan	12	Škvor, Jiří	11	Zvárová, Jana	10
Pokorný, Jaroslav	12	Štulc, Tomáš	11	Živný, Jaroslav	10

was changed in order to give an advantage to the first author and the corresponding author (who are given one third of the total point each) while the remaining third is evenly shared by the other co-authors.

²⁾ BIB/SCI/IF have been weighted in the total as 1:2:3 respectively (as decided by the Scientific Board of the Faculty on 31st May 2011), thus the total being equal to the number of BIB points plus the doubled number of SCl points plus the triple number of IF points.

DEVELOPMENT OF PUBLISHING ACTIVITY IN JOURNALS WITH IF NUMBER OF PUBLICATIONS



PhDr. Hana Skálová
Head of the Institute of Scientific Information

The value of the impact factor (IF) is a bibliometric parameter which has a long tradition. It is related to the importance of the journal and its values are yearly published by the Journal Citation Report, part of the Web of Knowledge™ data base.

	Number of publications with IF	Sum total of IF values of journals with the respective publications	Average IF value of the journal
2010	493	1,755.2	3.56
2011	489	1,483.7	3.03
2012	588	2,011.4	3.42
2013	544	1,989.4	3.66

Number of publications in journals with impact factor (2010–2013)

INTERVAL IF	2010			2011			2012			2013		
	Primary	Synoptic	Total	Primary	Synoptic	Total	Primary	Synoptic	Total	Primary	Synoptic	Total
50.000–59.999	1	0	1	0	0	0	6	0	6	5	0	5
40.000–49.999	0	0	0	0	0	0	0	0	0	0	0	0
30.000–39.999	6	0	6	3	0	3	2	0	2	3	0	3
20.000–29.999	0	1	1	1	1	2	2	0	2	1	1	2
15.000–19.999	3	0	3	0	0	0	3	0	3	5	1	6
10.000–14.999	6	0	6	7	1	8	5	2	7	9	1	10
9.000–9.999	8	3	11	4	0	4	10	1	11	4	3	7
8.000–8.999	8	1	9	13	2	15	6	0	6	5	0	5
7.000–7.999	2	0	2	5	1	6	12	0	12	3	1	4
6.000–6.999	13	0	13	5	0	5	8	0	8	12	0	12
5.000–5.999	24	0	24	16	0	16	17	2	19	22	2	24
4.000–4.999	32	3	35	43	1	44	39	5	44	26	5	31
3.000–3.999	53	3	56	65	6	71	85	4	89	83	7	90
2.000–2.999	105	6	111	95	6	101	101	5	106	108	10	118
1.000–1.999	138	14	152	113	10	123	136	7	143	121	14	135
0.001–0.999	50	13	63	41	15	56	82	18	100	73	19	92
TOTAL	449	44	493	411	43	454	514	44	558	480	64	544

HIRSCH INDEX

The Web of Science data base enables to generate the Hirsch index (H-index) for both particular authors and whole institutions. For the first time in 2007, this new index became part of evaluation of scientific and professional activity of the Faculty staff. Therefore we have the chance to compare the development between past years. By 31st December 2007 the h-index was 46, by 31st December 2008 it has reached the value of h-index = 51, and by 31st December 2009 we reached the h-index = 55, by 31st December 2011 the h-index = 68, and **by 31st December 2014 it reached as high as h-index = 86.**

Hirsch index of authors from the First Faculty of Medicine 2009–2014

H-index	2009	2010	2011	2012	2013	2014
70–79	0	0	0	0	0	1
60–69	1	1	1	1	1	0
50–59	0	0	0	0	1	1
40–49	1	0	2	2	1	1
30–39	2	3	3	4	8	9
20–29	11	10	14	19	22	25
15–19	22	33	32	31	46	45
10–14	66	64	81	102	109	124
5–9	215	238	254	261	287	318
3–4	208	197	214	229	251	240
1–2	312	313	306	271	335	314
TOTAL	838	859	907	920	1 061	1 078

H-index – authors from the First Faculty of Medicine who achieved $h \geq 10$ in 2014



In 2014, the Institute of Scientific Information of Charles University in Prague – the First Faculty of Medicine focused its activities on further widening and improvement of data information service. This is accessible not only to the registered users (medical students, students of non-medical health fields, professional and scientific community of the Faculty and the General University Hospital), who were 8,584 in number by 31st December 2014, but also to professional public, and always in keeping with the new trends in the science.

The activities and services can be basically divided into the following areas:

LIBRARY

In the sphere of provision, the activity was focused on obtaining both printed and electronic resources that all categories of users need. In 2014, as in the years before, professional public used e-resources above all (serial and data base resources) plus new monographs. Students, on the other hand, were most interested in printed study literature. In the past two years, all necessary study resources for the parallel classes taught in English have been provided by e-books published by Elsevier, Thieme, and Lippincott Williams & Wilkins. In the first, testing year, a collection merely for pre-clinical education was purchased, while in the second year, i.e. for the academic year 2014/2015, also titles for clinical education were included, particularly for internal medicine, surgery and dentistry.

The staff of the Section of Methodology and Revision finished an extensive revision of the library collection of the Faculty and concurrently that of the General University Hospital. They also carried on the re-cataloguing of the items on record, entering them in the system of central electronic catalogues (such as the Central Catalogue of Charles University in Prague and Central Catalogue of Data Information Service) for the libraries of particular institutes and departments of the First Faculty of Medicine.

Further, the 3rd, final stage of processing of theses (for Bachelor, Master and Doctor degrees) defended at the Faculty after 1st January 2006 was finished as required by the Dean's Order # 10/2010. This processing, done in three stages, involved a general revision to check whether all the defended theses had been deposited in the archive of the Institute of Scientific Information with all the enclosures required (such as expert opinions). Then the theses, including the expert opinions, were digitalized



and processed in the regular way, i.e. passed to the Central Repository of Charles University and catalogued for the Central Catalogue of Data Information Service.

Through these activities – re-cataloguing of the items on record and retrospective processing of the theses – the environment of free access to information is being gradually opened for many categories of users.

REFERENCE SERVICES AND MANAGEMENT OF RESOURCES

In 2014, we offered more than 70 accessible licenced electronic information resources, i.e. bibliographic, full-text and reference data bases, e-book and e-journal collections, through the web pages of the Institute.

The basic bibliographic and reference data bases (MEDLINE, EMBASE, EBM Reviews, MicroMedex, Scopus) were covered by the funds of Charles University, Web of Science™ by the finance of a national consortium under the auspices of the Academy of Sciences of the Czech Republic.

A great success was provision of access to the much-sought data base UpToDate from 1st December 2014; this was purchased for 2015. The data base is accessible to both the academic community and the staff of the General University Hospital. The Institute of Scientific Information always has and always will to ensure access to electronic resources with clinical use for both said institutions, i.e. that the General University Hospital may be looked upon as a “university hospital” in terms of licencing policy.

According to statistical data, the frequency of accesses to electronic information resources has been growing year by year,

particularly to e-journals. And it is the statistics of use that makes the base for planning of acquisition of resources for the following period, and of course it is the users' needs too. Apart from web pages with recent topical information, the Institute of Scientific Information organized seminars on management of electronic information resources. At special request, seminars on specific topics given by the users are provided as well.

SECTION OF BIBLIOGRAPHIC INFORMATION AGENDA OF PUBLISHING ACTIVITIES

One crucial change in the past year, specifically from 1st January 2014, was collecting the data of publishing activities of authors from the First Faculty of Medicine through the all-university OBD system, which we joined after seven years of intensive preparations and consultations. Launching the new way of collecting the data was connected with much concern and uncertainty of how the system would work. Gradually, the Section of Bibliographic Information managed the very complicated situation, so all duties in relation to superior registers could be fulfilled. Also the staff members of particular institutes and departments who had been in charge of processing the data considerably contributed to the successful transition.

Apart from collection of data for the current period, the data from the past is imported, converted from the systems in which records were kept at particular faculties of Charles University. The system contains the total of 289,911 entries, of which 53,492 are in the precinct of the First Faculty of Medicine (figures by 31st December 2014). In 2015 as well as in the following years, a really challenging stage will come with time-consuming task such as the check of completeness of the converting data, removal of multiple entries and co-ordination between faculties, as the same item may have been entered by more faculties. When this work is finished, the Faculty will possess the complete file from 2000 up to present, and the University, in turn, will have a central comprehensive data base of theses from all its faculties.

On its web pages (uvi.lf1.cuni.cz; section **Bibliografie**) the Institute was constantly updating the manuals and information necessary for data collection and management of responses in citation. A standing instruction service provided individual consultations and organized seminars on bibliographic and publishing topics. Traditionally, the service of wide-spectrum outputs from the central data base was much asked for and used. This means surveys of recorded publications for any purpose in a tailored format (personal surveys, lists of publications from a certain institute / department for the purpose of annual reports, accreditations, projects etc.). Naturally, exports of records in specific formats to particular record bases of various Faculty units as required were offered as well.

RESPONSE IN CITATIONS

Activities of the Institute also include the agenda concerning response in citations and the Hirsch index (H-index), which is run in two spheres:

1. lifetime response in citations and H-index for the purpose of appointment procedures of professors and associate professors, or for other professional needs of the particular author;
2. an author's response in citations for a particular period (one year as a rule) for the purpose of internal evaluation at the Faculty.

In both cases, the staff of the Institute of Scientific Information provided consultations and methodological support at all times, and in particular cases co-operated on listing the response in citations.

The due compilation of response in citation was done considering the authors' professional profiles, their total publishing output, safe identification of namesakes, elimination of self-citations etc. So far this cannot be done just automatically, by machine. The response in citations was done through mechanical activities joined with obtaining the data from electronic resources.

For quite a time, a method has been sought to clearly identify an author in the world context in data bases such as WoS, Scopus etc. Beyond doubt, unequivocal identifiers such as ResearcherID, ORCID (Open Researcher and Contributor ID) etc. can be seen as the best option. The year 2015 should see the consensus on which of them will become an international standard.

TUITION

In 2014 again, the staff of the Institute of Scientific Information participated in tuition of Bachelor and follow-up Master degree programmes. The students were offered an elaborate system of education in information knowledge and skills for Bachelor programmes, and professional and scientific information skills for Masters. In co-operation with the Central library of Charles University, we would like to offer a unified system of training to secure information literacy of University graduates of all undergraduate and postgraduate programmes.

IKI MEDICA 2014 – *Information, Knowledge, Innovation*

On 13th November 2014, the Institute of Scientific Information of the First Faculty of Medicine – in co-operation with the Czech Information Society and the Institute of Information Studies and Library Science of the Faculty of Arts and Philosophy of Charles University – organized the conference called IKI Medica 2014 – Information, Knowledge, Innovation, focused on

medical and pharmaceutical information. The conference, meant above all for those who work in libraries and information services, presented topics such as eHealth, social media and Czech health service, experience of the discovery system Summon at the National Medical Library, presentation of the multimedia portal Moje medicína [My medicine] etc. All the presentations including photographs are available at the web pages of the Czech Information Society: cisvts.cz/akce-konference/konference-iki-2014/.

Last but not least I would like to appreciate all those who assisted us in word and deed to develop the services of the Institute



of Scientific Information. Our aim is a continuous shift in the image of our Institute from a mere library to a specialized institution that provides complex qualified librarian and information services to support education, science and research.

MONOGRAPHS IN 2014

SELECTED MONOGRAPHS AND TEXTBOOKS PUBLISHED BY AUTHORS/CO-AUTHORS FROM CHARLES UNIVERSITY – THE FIRST FACULTY OF MEDICINE AT RELEVANT PUBLISHING HOUSES IN 2014

The American University in Cairo Press

- STROUHAL, Eugen, Břetislav VACHALA & Hana VYMAZALOVÁ. *Medicine of the Ancient Egyptians I. Surgery, Gynecology, Obstetrics, and Pediatrics*. Cairo: The American University in Cairo Press, 2014. 228 pp. ISBN 978-977-416-640-2.

Axonite CZ

- KAREN, Igor & Štěpán SVAČINA. *Diabetes mellitus v primární péči*. [Diabetes mellitus in primary care] 2nd, amended ed. Praha: Axonite CZ, 2014. 264 pp. ISBN 978-80-904899-8-1.

Česká lékařská společnost J. E. Purkyně [Czech J. E. Purkinje Medical Society]

- RABOCH, Jiří, et al. *Psychiatrie: doporučené postupy psychiatrické péče IV*. [Psychiatry: recommended procedures in psychiatric care IV] [Praha]: [Česká lékařská společnost J. E. Purkyně], 2014. 208 pp. ISBN 978-80-260-5792-5.

Galén

- BRDIČKA, Radim. *Genetika v klinické praxi*. [Genetics in clinical practice] Praha: Galén, 2014. 126 pp. ISBN 978-80-7492-107-0.
- GRIM, Miloš, et al. *Základy anatomie. 4a., Centrální nervový systém*. [Basic anatomy 4a: Central nervous system] Praha: Galén, 2014. 221 pp. ISBN 978-80-7262-938-1.
- GRIM, Miloš, et al. *Základy anatomie. 4b., Periferní nervový systém, smyslové orgány a kůže*. [Basic anatomy 4b: Peripheral nervous system, sense organs and skin] Praha: Galén, 2014. 173 pp. ISBN 978-80-7492-156-8.
- ROVENSKÝ, Jozef, et al. *Gerontorevmatologie*. [Gerontorheumatology] Praha: Galén, 2014. 442 pp. ISBN 978-80-7492-147-6.
- VEJRAŽKA, Martin & Dana SVOBODOVÁ. *Terminologiae medicae IANUA: úvod do problematiky řeckolatinské lékařské terminologie*. [Terminologiae medicae IANUA: Introduction to the issues of Graeco-Latin medical terminology] 3rd ed. Praha: Galén, 2014. 430 pp. ISBN 978-80-7492-082-0.



Grada

- DUNGL, Pavel, et al. *Ortopedie*. [Orthopaedics] 2nd, revised and amended ed. Praha: Grada, 2014. 1168 pp. ISBN 978-80-247-4357-8.
- GRIM, Miloš & Ondřej NAŇKA. *Atlas anatomie člověka. I., Končetiny, stěna trupu = Atlas of human anatomy. I., Limbs, body wall*. Praha: Grada, 2014. xvi, 320 pp. ISBN 978-80-247-4012-6.
- GRIM, Miloš, et al. *Anatomie od Vesalia po současnost: 1514-2014: publikace k 500. výročí narození Andrea Vesalia*. [Anatomy from Vesalius to present day: 1514-2014: a publication to commemorate the 500th anniversary of Andreas Vesalius] Praha: Grada, 2014. XIV, 272 pp. ISBN 978-80-247-5023-1.
- HÁJEK, Zdeněk, et al. *Porodnictví*. [Obstetrics] 3rd, revised and amended ed. Praha: Grada, 2014. xxiii, 538 pp. ISBN 978-80-247-4529-9.
- KRŠKA, Zdeněk, et al. *Chirurgická onkologie*. [Surgical oncology] Praha: Grada, 2014. 872 pp. ISBN 978-80-247-4284-7.
- MAZÁNEK, Jiří, et al. *Zubní lékařství: propedeutika*. [Dentistry: propaedeutics] Praha: Grada, 2014. 569 pp., xxvii pp. obr. příl. ISBN 978-80-247-3534-4.
- PAVELKA, Karel, et al. *Biologická léčba zánětlivých autoimunitních onemocnění: v revmatologii, gastroenterologii a dermatologii*. [Biological treatment for inflammatory autoimmune diseases in rheumatology, gastroenterology and dermatology] Praha: Grada, 2014. 363 pp. ISBN 978-80-247-5048-4.
- PETR, Tomáš, et al. *Ošetrovatelství v psychiatrii*. [Psychiatric nursing] Praha: Grada, 2014. 295 pp. ISBN 978-80-247-4236-6.
- PTÁČEK, Radek, et al. *Etické problémy medicíny na prahu 21. století*. [Ethical issues of medicine on the threshold of 21st century] Praha: Grada, 2014. 519 pp. ISBN 978-80-247-5471-0.
- SEIDL, Zdeněk & Manuela VANĚČKOVÁ. *Diagnostická radiologie*. [Diagnostic radiology] Praha: Grada, 2014. vii, 519 pp. ISBN 978-80-247-4546-6.
- SCHNEIDEROVÁ, Michaela. *Perioperační péče*. [Perioperative care] Praha: Grada, 2014. 368 pp. ISBN 978-80-247-4414-8.
- VLČEK, Jiří, et al. *Klinická farmacie II*. [Clinical pharmacology II] Praha: Grada, 2014. 255 pp. ISBN 978-80-247-3169-8.

Humana Press

- KUO, John (ed.). *Electron Microscopy*. 3rd ed. New York: Humana Press, 2014. 799 pp. ISBN 978-1-62703-775-4.

John Wiley

- MADEA, Burkhard (ed.). *Handbook of Forensic Medicine*. Oxford: John Wiley, 2014. 25, 1288 pp. ISBN 978-0-470-97999-0.

Karolinum

- ČERNÝ, Karel. *Mor 1480-1730: epidemie v lékařských traktátech raného novověku*. [The plague 1480-1730: epidemics in medical treatises of early Modern Ages] Praha: Karolinum, 2014. 504 pp. ISBN 978-80-246-2297-2.
- NETVAL, Miroslav & Dalimil CHOCHOLÁČ. *Atlas ortopedické tuberkulózy*. [Atlas of orthopaedic tuberculosis] Praha: Karolinum, 2014. 92 pp. ISBN 978-80-246-2401-3.
- PELCLOVÁ, Daniela. *Nemoci z povolání a intoxikace*. [Occupational diseases and poisonings] 3rd amended ed. Praha: Karolinum, 2014. 316 pp. ISBN 978-80-246-2597-3.
- SMRČKA, Václav & Vlasta MÁDLOVÁ. *War Injuries from Past to Present: proceedings of the symposium "War Injuries from Past to Present"*: March 5, 2011, stomatology lecture-room of the First Faculty of Medicine of Charles University in Prague, Czech Republic. Prague: Karolinum, 2014. 178 pp. Acta Universitatis Carolinae. Medica. Monographia, 159. ISBN 978-80-246-2290-3.

- ŠTĚPÁNKOVÁ, Hana, et al. *Gerontologie – současné otázky z pohledu biomedicíny a společenských věd*. [Gerontology: current issues in the aspects of biomedicine and social sciences] Praha: Karolinum, 2014. 290 pp. ISBN 978-80-246-2628-4.

Maxdorf

- BĚLOHLÁVEK, Jan, et al. *EKG v akutní kardiologii: průvodce pro intenzivní péči i rutinní klinickou praxi*. [ECG in acute cardiology: a guide for intensive care and routine clinical practice] 2nd, amended ed. Praha: Maxdorf, 2014. 468 pp. ISBN 978-80-7345-419-7.
- DOSTÁL, Pavel, et al. *Základy umělé plicní ventilace*. [Basics of artificial lung ventilation] 3rd amended ed. Praha: Maxdorf, 2014. 394 pp. ISBN 978-80-7345-397-8.
- FAIT, Tomáš, Michal ZIKÁN & Jaromír MAŠATA. *Moderní farmakoterapie v gynekologii a porodnictví*. [Modern pharmacotherapy in gynaecology and obstetrics] Praha: Maxdorf, 2014. 477 pp. ISBN 978-80-7345-403-6.
- HÁNA, Václav. *Endokrinologie pro praxi*. [Endocrinology for practice] [Praha]: Maxdorf, 2014. 224 pp. ISBN 978-80-7345414-2.
- HORAŽDOVSKÝ, Pavel & Markéta ČERNOVSKÁ. *Neuroendokrinní nádory plic a mediastina*. [Neuroendocrine tumours of the lungs and the mediastinum] Praha: Maxdorf, 2014. 208 pp. ISBN 978-80-7345-389-3.
- HYTYCH, Vladislav, et al. *Plicní chirurgie v instruktivních kazuistikách*. [Lung surgery in instructive case studies] Praha: Maxdorf, 2014. 281 pp. ISBN 978-80-7345-407-4.
- CHLUMSKÝ, Jan. *Plicní funkce pro klinickou praxi*. [Lung function for clinical practice] Praha: Maxdorf, 2014. 228 pp. ISBN 978-80-7345-392-3.
- KARETOVÁ, Debora, Radovan MALÝ & Dušan KUČERA (eds.). *Angiologie 2014: pokroky v angiologii*. [Angiology 2014: new developments in angiology] Praha: Maxdorf, 2014. 84 pp. ISBN 978-80-7345-412-8.
- KOUČKÝ, Michal, et al. *Spontánní předčasný porod*. [Premature spontaneous delivery] Praha: Maxdorf, 2014. 155 pp. Jessenius. ISBN 978-80-7345-416-6.
- MAŠATA, Jaromír, et al. *Infekce v gynekologii*. [Infections in gynaecology] 2nd, amended ed. Praha: Maxdorf, 2014. 245 pp. ISBN 978-80-7345-380-0.
- PAPEŽOVÁ, Hana, et al. *Naléhavé stavy v psychiatrii*. [Urgent states in psychiatry] [Praha]: Maxdorf, 2014. 495 pp. ISBN

Academic year	Number of contracts	Outgoing	Incoming
2009–2010	85	129	89
2010–2011	85	125	90
2011–2012	85	114	89
2012–2013	91	100	95
2013–2014	85	122	112

978-80-7345-425-8.

- ŘEŽÁBEK, Karel. *Asistovaná reprodukce*. [Assisted reproduction] 2nd, updated and amended ed. Praha: Maxdorf, 2014. 137 pp. ISBN 978-80-7345-396-1.
- SVOZÍLKOVÁ, Petra, et al. *Diagnostika a léčba očních zánětů*. [Diagnosis and treatment of eye inflammations] Praha: Maxdorf, 2014. 336 pp. ISBN 978-80-7345-391-6.
- VRBÍKOVÁ, Jana, Michael FANTA & Dana KORYNTOVÁ. *Syndrom polycystických ovarií*. [Polycystic ovary syndrome] Praha: Maxdorf, 2014. 92 pp. ISBN 978-80-7345-372-5.

Mladá fronta

- ERNEST, Jan, et al. *Makulární edémy*. [Macular oedemas] Praha: Mladá fronta, 2014. 263 pp. ISBN 978-80-204-3472-2.
- JILICH, David, et al. *HIV infekce: současné trendy v diagnostice, léčbě a ošetřovatelsví*. [HIV infection: recent trends in diagnosis, treatment and nursing] Praha: Mladá fronta, 2014. 173 pp. ISBN 978-80-204-3325-1.
- POPELKA, Stanislav, et al. *Chirurgie nohy a hlezna: vybrané kapitoly*. [Foot and ankle surgery: selected chapters] Praha: Mladá fronta, 2014. 293 pp. ISBN 978-80-204-3187-5.
- RUSINA, Robert, et al. *Neurodegenerativní onemocnění*. [Neurodegenerative conditions] Praha: Mladá fronta, 2014. 351 pp. ISBN 978-80-204-3300-8.
- TÁBORSKÝ, Miloš, et al. *Interní propedeutika*. [Propaedeutics of internal medicine] Praha: Mladá fronta, 2014. 397 pp. ISBN 978-80-204-3207-0.
- TÁBORSKÝ, Miloš, et al. *Kardiologie pro interní praxi*. [Cardiology for medical practice] Praha: Mladá fronta - Medical Services, 2014. 294 pp. ISBN 978-80-204-3361-9.
- TYLL, Tomáš, et al. *Neuroanestezie a základy neurointenzivní péče*. [Neuroanaesthesia and basic neurointensive care] Praha: Mladá fronta, 2014. 310 pp. ISBN 978-80-204-3148-6.

Springer

- BONIFER, Constanze & Peter COCKERILL (eds.). *Transcriptional and Epigenetic Mechanisms Regulating Normal and Aberrant Blood Cell Development*. Heidelberg: Springer, 2014. 416 pp. 978-3-642-45197-3.
- GARBARINO, Sergio, Lino NOBILI & Giovanni COSTA (eds.). *Sleepiness and Human Impact Assessment*. Milano: Springer, 2014. 329 pp. ISBN 978-88-470-5388-5.
- CHANG, Christopher C., Gary A. INCAUDO & M. Eric GERSHWIN (eds.). *Diseases of the Sinuses*. 2nd ed. New York: Springer, 2014. 601 pp. ISBN 978-1-63321-087-5.
- KUMARI, Veena, Petr BOB & Nasahat BOUTROS (eds.). *Electrophysiology and Psychophysiology in Psychiatry and Psychopharmacology*. Heidelberg: Springer 2014. 390 pp. ISBN 978-3-319-12768-2.
- PROKOP, Aleš (ed.). *Intracellular Delivery II*. Dordrecht: Springer, 2014. 479 pp. ISBN 978-94-017-8895-3.
- ROVENSKÝ, Jozef, Manfred HEROLD & Martina VAŠÁKOVÁ. *Sine Syndromes in Rheumatology*. Wien: Springer, 2014. 120 pp. ISBN 978-3-7094-1540-4.
- ŠEDO, Aleksi & Rolf MENTLEIN (eds.). *Glioma Cell Biology*. Wien: Springer, 2014. 468 pp. ISBN 978-3-7091-1430-8.

Triton

- CICHÁ, Martina, et al. *Integrální antropologie*. [Integral anthropology] Praha: Triton, 2014. 421 pp. ISBN 978-80-7387-816-0.
- INDRÁK, Karel (ed.). *Hematologie a transfuzní lékařství*. [Haematology and transfusion medicine] Praha: Triton, 2014. 610 pp. ISBN 978-80-7387-722-4.
- KVAPIL, Milan (ed.). *Diabetologie 2014*. [Diabetology 2014] Praha: Triton, 2014. 310 pp. ISBN 978-80-7387-755-2.
- MACHOŇ, Vladimír, et al. *Atlas léčby onemocnění temporomandibulárního kloubu*. [Atlas of treatment of conditions of the temporomandibular joint] Praha: Triton, 2014. 316 pp. ISBN 978-80-7387-807-8.
- ROZTOČIL, Karel (ed.). *Angiologie*. [Angiology] Praha: Triton, 2014. 263 pp. ISBN 978-80-7387-716-3.
- WIDIMSKÝ, Jiří, et al. *Arteriální hypertenze – současné klinické trendy XII*. [Arterial hypertension: recent clinical trends XII] Praha: Triton, 2014. 191 pp. ISBN 978-80-7387-763-7.
- WIDIMSKÝ, Jiří, et al. *Hypertenze*. [Hypertension] 4th, revised and amended ed. Praha: Triton, 2014. 571 pp. ISBN 978-80-7387-811-5.

Institution	Country
National University of Córdoba, Argentina	Argentina
University of Buenos Aires	Argentina
University of Sydney	Australia
University of Melbourne, Royal M. Hospital	Australia
Royal Hospital for Women, University of New South Wales, Sydney	Australia
University of Queensland, School of Chemistry and Molecular Biosciences	Australia
School of Chemistry and Molecular Biosciences, The University of Queensland, Brisbane	Australia
University Hospital Innsbruck	Austria
Medical University Graz	Austria
AIT Austrian Institute of Technology, GmbH, Health and Environment Department	Austria
1. Universitäts Frauenklinik Wien, Vienna	Austria
Universitäts Frauenklinik Graz	Austria
Hospital Speising, Vienna	Austria
Universitäts Frauenklinik Linz	Austria
Medical University Vienna, AKH	Austria
Institute of Science and Technology, Vienna	Austria
Allgemeines Krankenhaus – Universitätskliniken, Universitätsklinik für innere Medizin I, Vienna	Austria
Dept. of Gynecology & Obstetrics, Landesklinikum Thermenregion, Moedling	Austria
University of Leuven, University Hospital Leuven	Belgium
University of Gent	Belgium

Institution	Country
University of Antwerp, Antwerp University Hospital	Belgium
Institut Jules Bordet, Brussel	Belgium
Hegoschool Gent	Belgium
McMaster University, Hamilton, ON	Canada
Research Centre CHUM, Montreal	Canada
University of Montreal	Canada
Ottawa Hospital Research Institute, Ottawa	Canada
Mount Sinai University Hospital, University of Toronto	Canada
Zagreb University	Croatia
Danish Cancer Society Research Center, Copenhagen	Denmark
Copenhagen University Hospital Rigshospitalet	Denmark
Statens Serum Institute, Copenhagen	Denmark
University of Copenhagen	Denmark
Department of Obstetrics and Gynaecology, Turku	Finland
University of Strasbourg	France
Institut Mutualiste Mountsouris Paris	France
Hôpital Cochin Paris	France
Aix-Marseille Université	France
Brive La Gaillarde	France
Centre hospitalier Intercommunal de Créteil, Paris	France
Hôtel-Dieu Hôpitaux Universitaires Paris Centre	France
Hôpital Necker Paris	France
Hôpital Tenon Paris	France

Institution	Country
Hôpital La Muette, Paris	France
Hôpital Sevres	France
Hôpital Lariboissiere, Paris	France
Occupational Diseases Centre, Grenoble	France
École nationale supérieure, Lyon	France
Institute of Emerging Diseases and Innovative Therapies, CEA, Fontenay-aux-Roses	France
Université de Lyon	France
Clinique St. Germain, Brive la Gaillarde	France
Institute Albert Boniot, Grenoble	France
International Agency for Research on Cancer (IARC), Lyon	France
European Genomic Institute for Diabetes, Lille	France
Université Pierre et Marie Curie, Paris 6	France
Centre Hospitalier Universitaire de Montpellier	France
Institut Gustave Roussy, Villejuif	France
Université de Reims Champagne-Ardenne	France
Ludwig Maximilians Universität München, Munich	Germany
Friedrich-Alexander-University, Erlangen-Nuremberg	Germany
University of Cologne	Germany
Medizinische Hochschule Hannover	Germany
Institut für diagnostische und interventionelle Neuroradiologie, Universitätsmedizin, Georg-August-Universität Göttingen	Germany
Berlin Ultrahigh Field Facility, Max-Delbrueck Center for Molecular Medicine, Berlin	Germany
Technische Universität Dresden, Carl Gustav Carus Universitätsklinikum, Universitätszentrum für Orthopädie und Unfallchirurgie	Germany
Johana Guttenberg University, Department of Cardiosurgery and Chest Surgery, Mainz	Germany
Neurochirurgische Klinik Braunschweig	Germany
German Cancer Research Center, Heidelberg	Germany
Universita J. W. Goetha, Frankfurt-Main	Germany
1. Universitäts Frauenklinik München, Munich	Germany
2. Universitäts Frauenklinik München, Munich	Germany
Universitäts Frauenklinik Jena	Germany
Univ. HNO-Klinik, Magdeburg	Germany
Universitäts Frauenklinik Kiel	Germany
Universitäts Frauenklinik Schwerin	Germany
Universitäts Frauenklinik Hamburk	Germany
University Hospital, University of Rostock	Germany
Institut für Radiologie, Charité Universitätsmedizin Berlin	Germany
Department of Obstetrics and Gynaecology, Mainz	Germany
Charité University Hospital, Berlin	Germany
HNO Klinik Karl Gustav Kahler, Dresden	Germany
HNO Klinik Mannheim	Germany
Technische Universität Darmstadt, Darmstadt	Germany
HNO Kopfklinik, Würzburg	Germany
Boehringer Ingelheim GmbH, BRD	Germany
Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig	Germany
Helmholtz Zentrum München, Munich	Germany
University of Freiburg, Breisgau	Germany

Institution	Country
Technical University Munich	Germany
University of Würzburg	Germany
Universitätsklinikum Leipzig	Germany
Universitätsklinikum Klinik f.Thorax-u.Herz-Gefasschirurgie Hamburg	Germany
Department of Orthopedic Joint Surgery and Endoprosthetics, Hamburg	Germany
Royal Hospital Derby	Great Britain
Royal Hospital London	Great Britain
Charing Cross Hospital London	Great Britain
Royal Infirmary Hospital, Aberdeen, Scotland	Great Britain
University of Aberdeen	Great Britain
University College of London	Great Britain
University of Manchester	Great Britain
Leeds Institute of Molecular Medicine, University of Leeds, Leeds	Great Britain
South West London Elective Orthopaedic Center (SWLEOC)	Great Britain
Faculty of Medicine, Imperial College of London	Great Britain
University of Oxford	Great Britain
King's College Hospital, London	Great Britain
University of Birmingham, Birmingham	Great Britain
University of Nottingham, University Hospital Nottingham	Great Britain
University of Cambridge	Great Britain
University of Oxford	Great Britain
Dept. of Rheumatology, Bath	Great Britain
Guy's Hospital, University of London	Great Britain
The University of Edinburgh	Great Britain
Cardiff University	Great Britain
Institute of Applied Biosciences, Centre for Research and Technology Hellas, Thessaloniki	Greece
Biomedical Sciences Research Center B. S. R. C, Vari	Greece
Institute of Molecular Oncology, BSRC Alexander Fleming, Varkiza	Greece
Department of Oncogynecology, St. Stephen Hospital	Hungary
University of Iceland, Keldur	Iceland
Trinity College, Dublin	Ireland
The National Maternity Hospital, Dublin	Ireland
Rotunde Hospital, Dublin	Ireland
Hadassah Hebrew University, Human Biology Research Center, Jerusalem	Israel
Israeli Society of Urogynecology	Israel
Ob-Gyn Department, Western Galilee Hospital, Nahariya	Israel
University of Padova	Italy
University Hospital Milan	Italy
Istituto Europeo di Oncologia, Milan	Italy
Prima Clinica, L'Mangialli Hospital Università Milano	Italy
Università Cattolica Sacro Cuore, Rome	Italy
Università Cattolica del Sacro Cuore, Rome	Italy
University of Perugia	Italy
University of Trieste and Liver Research Center	Italy
Università La Sapienza, Rome	Italy
University of Salerno, Center for Neurodegenerative Diseases-CEMAND, Salerno	Italy

Institution	Country	Institution	Country
University of Torino	Italy	Hospital Universitario de Getafe	Spain
Department of Orthopaedics, University of Rome	Italy	University of Jaén	Spain
Hokkaido University, Sapporo,	Japan	University of Navarra, Pamplona	Spain
Kyoritsu University of Pharmacy Shibaouen	Japan	University of Lund	Sweden
National Cancer Centr, Tokyo	Japan	Karolinska Institutet, Stockholm	Sweden
Jikei University School of Medicine, Tokyo	Japan	University of Umea	Sweden
Tokyo University of Pharmacy and Life Sciences, Tokyo	Japan	University of Göteborg	Sweden
University Hospital Rotterdam,	Netherlands	TATAA Biocenter AG, Laboratory of Gene Expression	Sweden
University Hospital Nijmegen	Netherlands	Linköping University	Sweden
Radboud University Nijmegen, Department of Neurology and Donders Institute for Brain, Cognition and Behaviour, Nijmegen	Netherlands	Geneva University Hospital	Switzerland
Leiden University Medical Center (LUMC), Leiden	Netherlands	Visceral and Transplantation Surgery, University Hospital Zürich	Switzerland
University of Leiden	Netherlands	University of Bern, University hospital, Bern	Switzerland
AMC Liver Center, Amsterdam	Netherlands	Universitätsspital Basel	Switzerland
The Netherlands Cancer Institute, Amsterdam	Netherlands	Orthopaedic Research and Education (M. O. R. E.) Institute	Switzerland
University Hospital in Groningen	Netherlands	University Hospital Zürich	Switzerland
AZG Groningen, Laboratory of Stable Isotopes	Netherlands	Klinik Wilhelm Shulthess, Zürich	Switzerland
University Medical Centre, Amsterdam	Netherlands	National Pingtung University of Science and Technology	Taiwan
Oslo University Hospital	Norway	Taipei Medical University	Taiwan
Ullevål University Hospital Oslo	Norway	Division of Environmental Health & Occupational Medicine, National Health Research Institutes, Zhunan Town	Taiwan
Bergen University College	Norway	Faculty of Medicine & Health Science UAE University	United Arab Emirates
Norwegian University of Science and Technology, Trondheim	Norway	Medical University of South Carolina	USA
Medical University in Wroclaw	Poland	Rothman Institute at Thomas Jefferson University, Philadelphia	USA
Adam Mickiewicz University, Poznań	Poland	Alabama University in Birmingham	USA
Orthop.Hospital, Otwock, Warszawa	Poland	School of Health Sciences and Birck Nanotechnology Center, Purdue University, IN	USA
Instytut Studiów Międzynarodowych i Edukacji Humanum, Warszawa	Poland	Division of Surveillance, Hazard Evaluations, and Field Studies, National Institute for Occupational Safety and Health (NIOSH), Cincinnati, OH	USA
II. Klinika Neurologii, Instytut Psychiatrii i Neurologii, Warszawa	Poland	Weill Cornell Medical College, New York	USA
Jagiellonian University, Krakow	Poland	University of Denver	USA
Actial Farmaceutica Lda, Madeira	Portugal	University of Mississippi Medical Center, Jackson, MI	USA
Dr. S. Fakeeh Hospital, Department of Cardiothoracic Surgery, Jeddah	Saudi Arabia	Albert Einstein College of Medicine, Yeshiva University, New York	USA
Dhahran Health Center, Dhahran	Saudi Arabia	University of Delaware, DE	USA
Institute of Medical Biology (A*STAR, Agency for Science, Technology and Research)	Singapore	Children Orthop. Department, Portland, OR	USA
ORL klinika Fakultní nemocnice v Bratislavě, Bratislava	Slovakia	Wayne University, Detroit	USA
Prešov University, Prešov	Slovakia	Sophie Davis Medical School, City University of New York	USA
Academy of Sciences of the Slovak Republic, Bratislava	Slovakia	National Institutes of Health (NIH), Bethesda	USA
National Oncological Institute Bratislava	Slovakia	University of Washington, Seattle, WA	USA
Clinical Department of Gynaecology and Obstetrics, Košice	Slovakia	Virginia Polytechnic Institute and State University	USA
Clinical Department of Gynaecology and Obstetrics, Martin	Slovakia	Cornell University, NY	USA
Clinical Department of Paediatric Orthopaedics,, Bratislava	Slovakia	University of Connecticut	USA
St. Elisabeth Oncological Institute, Bratislava	Slovakia	Indiana University Health, Indianapolis	USA
Clinical Department of Gynaecology and Obstetrics, Nitra	Slovakia	University of Illinois at Urbana, Urbana	USA
Clinical Department of Gynaecology and Obstetrics, Banská Bystrica	Slovakia	Colorado State University, Fort Collins	USA
St. Elisabeth College of Health and Social Care, Bratislava	Slovakia	Rosalind Franklin University of Medicine and Science, Chicago	USA
Jozef Šafárik University, Košice	Slovakia	Johns Hopkins University, Baltimore, Maryland	USA
Comenius University, Martin	Slovakia	Biomedical Services, Holland Laboratory, American Red Cross Rockville, Maryland	USA
University of Ljubljana	Slovensko	University of Wisconsin	USA
Unversidad Autónoma, Madrid	Spain		
University Hospital, Barcelona	Spain		

Institution	Country
Pediatric Orthopaedics Shrines Hospital, Portland, Oregon	USA
Birmingham and Women's Hospital Medical School Harvard University Cambridge	USA
Northwestern University, Feinberg School of Medicine, Chicago	USA
Laboratory of Cellular Hematology, Center for Biologics Evaluation and Research, Food and Drug Administration, Bethesda, Maryland	USA
University Maryland Cancer Center, Baltimore	USA
Mayo Clinic Rochester, MN	USA
Dana-Farber Cancer Institute, Boston	USA
Harvard Medical School, Brigham & Women's Hospital, Boston, MA	USA
University Hospital, Rochester	USA
Buffalo Neuroimaging Analysis Center, Jacobs Neurological Institute, NY	USA
Wilford Hall Medical Center, Texas	USA
M. D. Anderson Cancer Center, University of Texas, Houston	USA
Stanford University, Center for Sleep Sciences, CA	USA

Institution	Country
University Hospital, Pittsburg	USA
Dept. of Biochemistry, Sackler School of Graduate Biomedical Sciences, Tufts University	USA
Memorial Sloan-Kettering Cancer Center, NY	USA
University of California, San Francisco	USA
University of Florida	USA
Nova Southeastern University, Florida	USA
Chicago School of Professional Psychology	USA
International College of Surgeons, Chicago, Illinois	USA
University of Buffalo, Buffalo, NY	USA
Wadsworth Center, NY	USA

Wolters Kluwer

- COURT-BROWN, Charles & James D. HECKMAN (eds.). *Rockwood and Green's Fractures in Adults*. 8th ed. Philadelphia: Wolters Kluwer, 2014. ISBN 978-1-4511-9508-8.



International Relations of the First Faculty of Medicine are an important part in the life of the Faculty and are based on its principles of openness and promotion of prestige. The teacher and student exchange within their studies, and particularly international co-operation in the sphere of science enrich the life of the Faculty and bring new stimuli and impulses. International co-operation in 2014 was at a high level in terms of both quantity and quality. The Faculty, above all, focused on promotion of quality of international relations and deepening the contractual connections made before. Really high is the dynamics in international contacts of particular institutes and departments and their representatives. Our partners abroad include a great number of universities and scientific institutions not only in Europe but also in the USA, Australia, Mexico, Latin America.

In education and science, co-operation takes the form of bilateral educative activities in both undergraduate and postgraduate training, seminars and congresses. A fair number of foreign presenters took part in conferences and workshops organized by particular institutes as well as professional medical associations in co-operation with the First Faculty of Medicine. The number of our teachers' visits to universities abroad reached a high level.

INTERNATIONAL STUDENT EXCHANGE AND STAYS ABROAD

Among the medical schools of Charles University, the First Faculty of Medicine offers the students with the widest choice of stays and placements abroad, and it is the Erasmus programme that continues to play the key role within the system of student mobility.

The LLP/Erasmus programme expired by the academic year 2013/2014. It was replaced by the Erasmus+ programme (2014–2020), which merged the previous programmes such as Comenius, Erasmus, Erasmus Mundus, Leonardo da Vinci and Grundvig. The said programme involves even wider mobility than before, and supports partnership between educational institutions and businesses as well. Our Faculty managed to prolong co-operation with all its partner institutions.

A great change concerned the status of Switzerland, which decided to get involved as a mere Partner Country rather than a Programme Country as up to now. The result is that Switzerland is neither a country entitled to receive students nor one entitled to send out their own students within the Erasmus+ programme. Mobility, therefore, is provided under a new programme called European Swiss Mobility.

Under the ERASMUS programme, altogether 111 our students travelled abroad in 2014. The number of incoming students was 135. Under the teacher mobility scheme of this programme, five academic staff members travelled abroad. Within the clerical staff exchange, two employees travelled for training, and two were guests at the First Faculty of Medicine.

In co-operation with the Austrian Lions Club Wien, directed by Prof. Herbert Ehringer, eight students of the First Faculty of Medicine travelled to Austrian hospitals to take a summer placement; this co-operation has existed since 2004 and the Austrian party has still been sponsoring the accommodation costs for some selected students. Another six students of the First Faculty of Medicine took their one-month summer placement at the Klinikum Wels Grieskirchen under the Lions Club programme, whose accommodation costs were covered by the sponsor as well.

The total number of four foreign students took individual study placements at the First Faculty of Medicine as "free movers", while 14 students of the Faculty travelled abroad the same way. So far, this form of student exchange has been encountering the law problem of recognition of the student status beyond European exchange programmes. Therefore the Faculty prepared a draft contract to enable these students to take stays for the sphere of theoretical training, and at a time to provide them – at least to some extent – legal as well as insurance protection.

A considerable activity enhancing the development of international contacts and stays of our students are the placements organized by IFMSA, the international non-government organization. For one-month placements at the units of the Faculty,

65 students were admitted, while 68 students travelled abroad. They travelled not only to European countries but also overseas.

Under the Faculty's bilateral agreements, four trainees from abroad were admitted at the First Faculty of Medicine for one-semester stays, and one trainee came thanks to inter-university agreements. Another trainee came thanks to the International Visegrád Fund.

At the same time, Charles University provides a considerable number of scholarships for various professional and language courses, in which our students regularly participate as well. Besides that, a new programme for international post-doc scientists has been developed, and there has been an international support for "double" post-doc programmes. Applications for these posts are continuously evaluated, and the First Faculty of Medicine of Charles University offers several core fields that provide this chance.

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

Numbers of students who participated in the exchange stays in 2014

Programme	Outgoing students	Incoming students
Erasmus	111	135
IFMSA	68	65
Lions Club	14	–
Free movers	14	4
International Visegrád Fund	–	1
CEEPUS	–	3
Inter-university agreements	–	1
Faculty agreements	–	4

ERASMUS programme at the First Faculty of Medicine of Charles University

SCIENTIFIC AND RESEARCH CO-OPERATION

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

Last year, quite a number of renowned experts visited the Faculty for lectures, seminars and workshops, or participated in professional assemblies here. These included, for example, the meeting of Czech chest surgeons, where Prof. Dirk van Remdonck, the president of the European Association of Chest Surgeons, head of the Department of Chest Surgery in Leuven and director of the Lung Transplantation Programme, gave lectures on the topics Chest surgery in Belgium and Tracheoesophageal fistula. At the Institute of Pharmacology of the First Faculty of Medicine, a lecture by Dr. Samir Zakhari, Ph.D. (senior vice president Office of Science Distilled Spirit Council of the United States – DISCUS) on the topic Recent Advances on Health Effects of Moderate Drinking was organized. Six top international scientists took part in the Functional Organization of the Cell Nucleus Symposium, organized by the Institute of Cell Biology and Pathology, and Prof. Ohad Medalia from the University of Zürich was awarded a Memorial Medal of the First Faculty of Medicine in the session. Another presenter at the symposium, Prof. Yosef Gruenbaum from the Hebrew University in Jerusalem then received a doctor degree honoris causa of Charles University in Prague for medical sciences. At the proposal by the Institute of Biochemistry and Experimental Oncology, the world prominent virologist Prof. Dr. Med. Hanse-Georg Kräusslich was appointed a Visiting Professor of Charles University – the First



Faculty of Medicine in appreciation of his assets to medical science.

Considerable international audience was attracted by the conferences and workshops organized by the Department of Gynaecology and Obstetrics, such as the 4th International Video Workshop on Radical Surgery in Gynaecological Oncology; the 22nd Conference of the Gynaecological Endoscopy Section of the Czech Society of Gynaecology and Obstetrics with international audience; the International Workshop on Ultrasound in Gynecologic Oncology; and the National Multidisciplinary Congress of AORA (Academy of Obstetrics Regional Analgesia and Anaesthesia 2013). Equally successful were the events that were organized or co-organized by the 1st Surgical Department: the International Congress of Surgery – Prague Surgical Days, and the Czech-German Surgical Conference in Bad Kissingen, as well as the events of the 2nd Surgical Department, such as the Prague satellite symposium in cardiac surgery. The events that the Department of Anaesthesiology, Resuscitation and Intensive Care organized in the past year included the 23rd Hoder Day, the workshop Simulation of securing the airway on models based on the courses of the European Airway Management Society, and in international co-operation, events in Italy (Winfocus Echocourse and Lodi) and in Spain (satellite Echocourse in the ESICM congress in Barcelona).

The Institute of Physiology became one of the two European training centres for implantation of the innovative leadless pacemaker Nanostim, manufactured by St. Jude Medical in USA. Therefore, top European cardiologists visit the Faculty for the training programme.

International co-operation with many top level institutions resulted in a fair number of publications with a high impact factor. Representation of prominent experts from Charles University – the First Faculty of Medicine in international professional organizations and associations, directing boards of international projects, editorial boards and consulting bodies reached a really high level, which can bear comparison with universities in the most developed countries.

Charles University – the First Faculty of Medicine is also involved in many international research projects. These include, to mention just a few of them, ASHT III project “Alerting, Reporting and Surveillance System for Chemical Health Threats. Phase III”, MAGAM II project (Multinational Prospective Analysis of Poisons Centres Data to Describe Potential Corrosive Eye Lesions Caused by Exposure to Solid Machine Dishwashing Products and Other Detergents, Maintenance and Cleaning Products), in which the staff of the Department of Occupational Medicine participate, and the MID-FRAIL project, the 7th Framework Programme of the European Union – “Multimodal intervention in prevention of disability (frailty) in elderly diabetes sufferers”, with participation of the Department of Geriatrics.

The Faculty’s aim is further promotion of quality in its international relations and strengthening of its prestige abroad. With this end in view, transformation of the Faculty into the form of a top, open and modern scientific and research base for medicine and biology has been in progress. The number of contracts of co-operation has reached a high number in the past years. Now the Faculty’s priority is to further develop this co-operation.



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

In 2014, the previous Department of Internal Communication gave rise to the new Department of Communication, which includes the position of the press officer as well. The new department is part of the Dean's working party for PR, which – apart from the staff of the Department – includes members of the Dean's Board and Academic Senate of the First Faculty of Medicine, the Faculty's Department of Computer Technology and representatives of students, both undergraduate and postgraduate.

The main goal of the Department of Communication is promotion of the educational, scientific and research activities of the Faculty as well as communication with its staff and students. In 2014, the Department widened the scope of its activities oriented towards the media, potential prospective students and general public. Communication with students deepened – quite a number of events were initiated and actively supported by students. Thanks to co-operation with a new graphic artist, a modern visual style occurred and both printed and electronic promotion materials are being gradually unified visually.

MEDIA AND PUBLIC RELATIONS



In 2014, compared to the years before, the Department focused even more on communication with the media and introduced a new system of monitoring the media outputs of the Faculty and distribution of their surveys to the staff. Either independently, or in co-operation with partner institutions, the Department organized press conferences and issued a fair number of press releases to present the scientific and research activities of our staff and students, information of novelties in entrance procedures, awards won by our experts, etc. One new feature is the communication project MEDialogy. In co-operation with the General University Hospital, the first numbers of the new journal Křižovatka [Crossroads] were issued. Together with students, the Department organized presentation of the Faculty at two festivals for the first time.

SELECTIVE LIST OF PRESS CONFERENCES

- Urology– 20 years of laparoscopy (13 Jan 2014)
- PragueONCO – 5th Prague interdisciplinary oncological colloquium (20 Jan 2014)
- Šonka Day – New antiobesitics – a long-expected helper (23 Jan 2014)
- 130 years of Czech education in medical chemistry (6 Feb 2014)
- World Kidney Day (12 Mar 2014)
- Future prospects of oncology in 21st century – Stašek Day (27 Mar 2014)
- Launching the Department of Infectious Diseases of the First Faculty of Medicine at the Central Army Hospital (6 Mar 2014)
- New principles of indemnification for health damage (14 Apr 2014)
- New methods of psychological treatment of oncologic diseases (21 May 2014)
- World Incontinence Day (17 June 2014)
- Launching the Clinic of Children and Adolescent Addictology (24 June 2015)
- Urological Week (9 Sep 2014)
- Mental disturbances in adolescents (1 Oct 2014)
- Latest news of diabetes (14 Oct 2014)
- World Diabetes Day (12 Nov 2014)
- School: safe or dangerous? (18 Nov 2014)
- Magnetic particles as spies in the organism (18 Nov 2014)

SELECTIVE LIST OF PRESS RELEASES

- Healthy teeth in a healthy country (22 Apr 2014)
- Rare conditions in a nutshell (9 June 2014)
- New biologic treatment of tumour of the head and neck (4 July 2014)
- Will we replace pacemakers with biologic tissue? (25 Aug 2014)
- Unique 20-hour surgery at the Department of Urology (11 Sep 2014)
- Nurses against smoking (24 Sep 2014)
- A study to give clues what health problems can methanol cause (30 Sep 2014)
- Good math students to take advantage when applying for the First Faculty of Medicine (31 Oct 2014)



- A simple test to reveal whether you are at risk of test Parkinson's disease (15 Dec 2014)
- Young scientist gets award for research into treatment of Wilson's disease (17 Dec 2014)

CO-OPERATION WITH THE MEDIA

The Department established closer co-operation with the University journal iForum, the ČTK press agency, the dailies Mladá Fronta Dnes and Právo, the monthly Moje zdraví and the Czech public service radio. It mediated dozens of interviews with our experts for TV, radio, internet and printed media.

MEDialogy PROJECT

A completely new communication project called MEDialogy (with the subtitle "Dialogues about medicine – not only with the media") was launched as a quarterly series of discussions with prominent specialists from the Faculty and elsewhere, which was intended for the academic community, public and the media. In 2014, the first two events took place, discussing the topics Education of physicians in Czechia and Addictions in Czechia. Both of them were well received by the visitors and aroused a great interest in the media.

Education of physicians in Czechia (3 June 2014) – Discussion about questions such as whether Czech medical education



can stand comparison with other countries, how much the training of a physician costs at Czech schools, and when the medical graduate becomes a good doctor was conducted by the Dean of the First Faculty of Medicine Prof. Aleksi Šedo, Dr. Jana Mašková of the Department of Neurology and others.

Addictions in Czechia (4 Nov 2015) – Among those who talked about drug abuse in children and adolescents, problems of metamphetamine and its spread in the Czech Republic and about the system of education in the field of addictology were the Dean of the Faculty Prof. Aleksi Šedo, the Head of the Department of Addictology Prof. Michal Miovský, the director of the National Anti-drug Centre Col. Jakub Frydrych, the president of the Czech Association of Addictologists Mr. Ondřej Sklenář.

MONITORING OF THE MEDIA

We introduced a new system to monitor the media outputs about the Faculty and to provide the information to our staff – with daily news accessible on the internet, and weekly surveys distributed through newsletter to the selected e-mail addresses.

THE JOURNAL KŘÍŽOVATKA

Together with the General University Hospital, the Department issued the first three numbers of the new quarterly Křížovatka [Crossroads], which is mainly intended for patients in the hospital and their families and friends. Its pages provide space to present professional, scientific and research activities of the Faculty's teachers and students, to inform the readers about the history of particular institutions of the Faculty, and to invite for events organized by the Faculty. The circulation of the journal is 2,000 copies. It is also distributed at all organization units of the First Faculty of Medicine, the General University Hospital, Thomayer Hospital, Bulovka Hospital, Motol University Hospital and the Faust House.

FESTIVALS

For the first time, the Faculty in co-operation with the Faculty of Natural Science of Charles University gave presentations at two festivals. These events were meant to contribute to popularization of science, medicine as well as prophylactic and educational projects.

Music festival Rock for People (3–5 July 2014, Hradec Králové) – Our students taught the audience basic first aid, demonstrated self-examination of the breast on special models, taught them to identify various degrees of erectile dysfunction, and provided on-line testing for soft recreational drugs.

Babypunk festival Kefír – Live Culture (6 Sep 2014; Třebovle, Kolín region) – A big teddy bear, children's first aid chests, dressing materials, x-ray sets, a big toothbrush – everything that our students brought to the festival attracted great attention. At all times, there was a rush on both the Teddy Bear Hospital (an IFMSA project) and the mock dental surgery.

APPLICANTS AND POTENTIAL PROSPECTIVE STUDENTS

PUBLICITY MATERIALS

The Department of Communication commissioned a new promotional video of the Faculty, and new modern visual info in Czech and English languages. Both of them are accessible at the Faculty's web pages and the YouTube channel.

A set of new printed information leaflets in modern design was created to inform about particular study fields, both medical and non-medical, with a special focus on presentation of the Faculty.

EVENTS

Open Day (10 Jan 2014) – More than a thousand people were attracted by the Open Day. They saw a number of exhibits at the Faculty, including the Dental Museum, and visited the Union of Czech Medical Students as well.

Number One for a trial (5 June 2014) – This event was meant for those applicants who had been admitted to study at the Faculty without entrance examination thanks to their excellent grades at secondary schools. Nearly 140 students came. They saw the institutes of anatomy, biochemistry, physiology and general medicine, or alternatively the premises for practical training in dentistry. Their guides were present students of the First Faculty of Medicine, ready to answer questions, including those about "backstage" information and student life.

Education fairs – The Faculty took part in trade fairs of tertiary and life-long education in the teamus in Prague (28–29 Jan 2014) and in Brno (4–7 Nov 2014), where anyone interested could get new information about the study programmes we offer. At either of the fairs, our stands were really much visited.

INTERNAL COMMUNICATION

PRINTED MATERIALS

As every year, the Department of Communication commissioned printed material for the staff and students – the Annual Report about activities and economy of the Faculty, the List of Lectures (commonly known as Sweet Caroline), and the proceedings of the Student Scientific Conference.

For students, new manuals for freshers and new graduates were compiled in 2014. These are meant to help the first and

AUDITOR'S REPORT



126th Medics' Prom Ball (11 Jan 2014, Žofín Palace) – Besides the bands traditionally included in the programme, this time student groups played as well.

Concert to commemorate the 666th anniversary of Charles University (29 Apr 2014, Magna Aula of the Karolinum) – The choir Piccolo Coro with Piccola Orchestra, the mixed choir and the chamber orchestra of the Faculty of Education called Collegium Pedagogicum rendered Carl Orff's Carmina burana.

Children's Fun Fair (3 June 2014, garden of the Department of Psychiatry and Department of Neurology) – Our Department organized the afternoon amusements for the staff members' children, children patients as well as children from the neighbourhood in co-operation with the General University Hospital, students, district authorities and district police, the bikers' club Black Dogs LE MC.

Concert from the series Faculty in the heart of Karlov (23 Oct 2014, St. Wenceslas church Na Zderaze) – The mixed choir Piccolo Coro with rendered chamber spirituals.

Theatre performance Ploughman and Death (10 Nov 2014, St. Catherine church) – In the play about love, death and the life to come, Ms Jitka Molavcová acted in the role of the Death and Mr. Alfred Strejček as the Ploughman.

ACADEMIC CLUB

The Academic Club is open for students, staff and public as well. In 2014, the Department of Communication began trying to encourage students to use the premises more than before – not only for organized events but also as a venue to relax or meet the colleagues at daytime. To advertise the club, new posters were designed and a Facebook campaign launched.

Students initiated a special club Facebook profile, which they administer by themselves. This way they inform their colleagues of particular events and invite them to come.

Apart from traditional regular events such as concerts of The First Faculty of Medicine Dixieland band or the Chair for Faust, some new events occurred, mainly organized by students, e.g. the first part of the series Film Dissections (25 Nov 2014), Erasmus students party (24 Nov 2014), and the concert of the Faculty's alumnus Dr. Jiří Beneš (16 Dec 2014).

Chair for Faust – The traditional series of live interviews with prominent personalities from both medical profession and beyond was newly taken by Ms Marie Retková, the M.C. Guests of the event were Luděk Munzar, David Sedmera, Tomáš Zima, Jan Kvasnička, Karol Sidon, Vladimír Komárek, Tomáš Hudeček, Robert Šlachta, Bohumil Seifert. By the end of the year, the book Křeslo pro Fausta 2014 [Chair for Faust 2014] was published, where she compiled the interviews with the guests.

OTHER

Our co-operation with students and student organizations at the Faculty and University deepened. These organizations are the Union of Czech Medical Students; Association of Dental Students of the Czech Republic; MEDSOC (association of international students of the First Faculty of Medicine); International Federation of Medical Students Associations (IFMSA CZ). These associations were really helpful in organizing many events, such as the Children's Fun Fair, festivals, Number One for a trial, and Number One Starting.

To obtain some feedback, the Department of Communication administered a poll at the freshmen's summer camp in Dobronice. Its aim was to find why the students had chosen the First Faculty of Medicine as their school. The results are available at the Faculty's website.

WEB PAGES AND SOCIAL NETWORKS

The Department of Communication, in co-operation with the Computer Technology Department, started to prepare an upgrade of the Faculty's website www.lf1.cuni.cz. Trailer were placed in sliders and slip bars, and there were some changes to the contents too. A new feature is the data base of the Faculty photos on the Flickr – the community web for sharing photographs.

The Facebook channel started working at full capacity for present as well as prospective students and for alumni. During the year, the number of fans grew from several hundred up to more than 3.5 thousand, and new students joined in as the academic year 2014–2015 had begun. Facebook was employed in the campaign for the Open Day and the election of the Academic Senate of Charles University in November 2014, and also for the ballot concerning the designs of the Faculty's merchandise (buttons), competitions (e.g. the best photo competition etc.).

The Faculty YouTube channel was set up, which displays the promotional video of the Faculty, video graphics and other videos, e.g. of the MEDialogues.

PROFESSIONAL AND SCIENTIFIC JOURNALS

ZH B O H E M I A, spol. s r. o., Na Rybníčku 387/6, 460 01 Liberec 3

Certificate number of the audit firm 091

Registered on 9. 2. 1993 by the Trade Register of Regional Court in Ústí nad Labem, section C, Number 4372

INDEPENDENT
AUDITOR'S REPORT

on the financial statements

of

CHARLES UNIVERSITY IN PRAGUE
FIRST FACULTY OF MEDICINE

registered address: Ovocný trh 3/5, Prague 1, postcode 116 36

for accounting period from 1. 1. 2014 to 31. 12. 2014

Appendices: Audited UK Intercompany Balance Sheet
Audited UK Intercompany Profit and Loss Account

In Liberec, 14th May 2015

ZH B O H E M I A, spol. s r. o., Na Rybníčku 387/6, 460 01 Liberec 3

Certificate number of the audit firm 091

Registered on 9. 2. 1993 by the Trade Register of Regional Court in Ústí nad Labem, section C, Number 4372

INDEPENDENT AUDITOR'S REPORT*of****CHARLES UNIVERSITY IN PRAGUE – FIRST FACULTY OF MEDICINE,******registered address: Ovocný trh 3/5, Prague 1, postcode 116 36***

We have audited the accompanying financial statements of **CHARLES UNIVERSITY IN PRAGUE – FIRST FACULTY OF MEDICINE**, which comprise the UK Intercompany balance sheet as of 31 December 2014, and the UK Intercompany income statement for the year then ended.

Statutory Body's Responsibility for the Financial Statements

The statutory body of **CHARLES UNIVERSITY IN PRAGUE – FIRST FACULTY OF MEDICINE** is responsible for the preparation of financial statements that give a true and fair view in accordance with Czech accounting regulations and for such internal control as statutory body determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

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

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

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Certificate number of the audit firm 091

Registered on 9. 2. 1993 by the Trade Register of Regional Court in Ústí nad Labem, section C, Number 4372

Opinion

In our opinion, the financial statements give a true and fair view of the financial position of CHARLES UNIVERSITY IN PRAGUE – FIRST FACULTY OF MEDICINE as of 31 December 2014, and of its financial performance for the year then ended in accordance with Czech accounting regulations.

In Liberec, 14th May 2015

ZH B O H E M I A, spol. s r. o.
Na Rybníčku 387/6
Liberec
Certificate number of the audit firm 091

Jan Jindřich
auditor
Certificate number of the auditor 1133

Univerzita Karlova v Praze, 1.lékařská fakulta, Kateřinská 32, PRAHA 2, 121 08		Print report: 190/02182
Date: 16.04.2015 16:00	Mrs. Getmančuková Barbora	Page: 1 from 4
Stamp:	Signature of responsible person:	Signature of person responsible for preparation:
	Ing. Eva Soubnstová ředitelka fakulty	Ing. Roman Karaš vedoucí finančního oddělení
	Responsible person:	Responsible person for preparation:
	Ing. Eva Soubnstová	Ing. Roman Karaš
	Check code:	

Univerzita Karlova v Praze 1. lékařská fakulta DEKANAT Kateřinská 32, 121 08 Praha 2 IČ: 00216208 DiC: CZ00216208

UK INTERCOMPANY BALANCE SHEET
as at 31. 12. 2014
(in CZK, two decimal places)

Identification No.
00216208

Indicator name	Line No.	Balance as at 01.01.14	Balance as at 31.12.14
A. Fixed assets (line 2+10+21+29)	1	1 286 349 535,33	1 219 416 445,75
A.I. Intangible fixed assets - total (1. 3 to 9)	2	34 767 349,56	34 263 085,69
1. Research and development (012)	3	0,00	0,00
2. Software (013)	4	31 139 860,71	30 688 509,34
3. Valuable rights (014)	5	0,00	0,00
4. Small intangible fixed assets (018)	6	2 932 559,85	2 879 647,35
5. Other intangible fixed assets (019)	7	694 929,00	694 929,00
6. Intangible fixed assets under construction (041)	8	0,00	0,00
7. Advance payments for intangible fixed assets (051)	9	0,00	0,00
A.II. Tangible fixed assets - total (1. 11 to 20)	10	2 529 806 089,30	2 548 714 473,91
1. Land (031)	11	0,00	0,00
2. Work of art, art collection (032)	12	1 540 571,80	1 540 571,80
3. Buildings (021)	13	1 365 286 566,98	1 381 728 801,77
4. Individual movable assets and sets of movable assets (022)	14	1 115 409 815,59	1 119 806 167,91
5. Orchards and vineyards (025)	15	0,00	0,00
6. Breeding and draught animals (026)	16	0,00	0,00
7. Small intangible fixed assets (028)	17	43 288 963,61	39 351 516,44
8. Other tangible fixed assets (029)	18	135 323,42	135 323,42
9. Tangible fixed assets under construction (042)	19	4 119 458,90	5 977 147,82
10. Advance payments for tangible fixed assets (052)	20	25 389,00	174 944,75
A.III. Long-term financial assets - total (1. 22 to 28)	21	0,00	0,00
1. Shares in controlled and managed organizations (061)	22	0,00	0,00
2. Shares with significant influence in accounting units (062)	23	0,00	0,00
3. Overdue debt securities (063)	24	0,00	0,00
4. Loans to the branch office (066)	25	0,00	0,00
5. Other long-term loans (067)	26	0,00	0,00
6. Other long-term financial investments (069)	27	0,00	0,00
7. Acquisition of long-term financial assets (043)	28	0,00	0,00
A.IV. Accumulated depreciation to fixed assets - total (1. 30 to 40)	29	-1 278 223 903,53	-1 363 561 113,85
1. Accumulated depreciation - research and development (072)	30	0,00	0,00
2. Accumulated depreciation - software (073)	31	-27 488 636,30	-27 544 950,13
3. Accumulated depreciation - valuable rights (074)	32	0,00	0,00
4. Accumulated depreciation - small intangible fixed assets (078)	33	-2 932 559,85	-2 879 647,35
5. Accumulated depreciation - other intangible fixed assets (079)	34	-643 134,00	-684 572,00
6. Accumulated depreciation - buildings (081)	35	-371 784 158,36	-402 363 840,36
7. Accumulated depreciation - individual movable assets and sets (082)	36	-831 951 127,99	-890 601 264,15
8. Accumulated depreciation - orchards and vineyards (085)	37	0,00	0,00
9. Accumulated depreciation - breeding and draught animals (086)	38	0,00	0,00
10. Accumulated depreciation - small tangible fixed assets (088)	39	-43 288 963,61	-39 351 516,44
11. Accumulated depreciation - other tangible fixed assets (089)	40	-135 323,42	-135 323,42

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Univerzita Karlova v Praze, 1.lékařská fakulta, Kateřinská 32, PRAHA 2, 121 08	Print report: 190/02182
Date: 16.04.2015 16:00 Mrs. Getmaněuková Barbora	Page: 2 from 4

UK INTERCOMPANY BALANCE SHEET

as at 31. 12. 2014

(in CZK, two decimal places)

Identification No.
00216208

Indicator name	Line No.	Balance as at 01.01.14	Balance as at 31.12.14
B. Current assets total (1.42+52+72+81)	41	473 284 115,19	564 962 830,88
B.I. Inventory total (1.43 to 51)	42	1 658 157,35	1 774 354,61
1. Materials in warehouse (112)	43	1 616 428,15	1 774 354,61
2. Materials in transit (119)	44	41 729,20	0,00
3. Work in progress (121)	45	0,00	0,00
4. Semi-finished product (122)	46	0,00	0,00
5. Finished products (123)	47	0,00	0,00
6. Animals (124)	48	0,00	0,00
7. Merchandise on stock (132)	49	0,00	0,00
8. Goods in transit (139)	50	0,00	0,00
9. Advance payments for inventory (314)	51	0,00	0,00
B.II. Receivables total (1.53 to 71)	52	15 562 462,31	63 216 309,29
1. Customers, Trade receivables (311)	53	1 583 229,44	35 309 905,09
2. Bill for collection (312)	54	0,00	0,00
3. Receivables from discounted securities (313)	55	0,00	0,00
4. Advance payment on operation (314)	56	1 489 183,16	13 969 635,21
5. Other receivables (315)	57	279 620,35	73 489,97
6. Receivables from employees (335)	58	130 978,85	276 854,95
7. Receivables from social security and health insurance (336)	59	0,00	0,00
8. Income tax (341)	60	0,00	0,00
9. Other direct taxes (342)	61	0,00	0,00
10. Value added tax (343)	62	411 906,01	152 906,94
11. Other taxes and duties (345)	63	0,00	0,00
12. Due from state - tax receivables (346)	64	0,00	0,00
13. Due to budget of local authorities - receivables (348)	65	0,00	0,00
14. Receivables from association members (358)	66	0,00	0,00
15. Receivables from forward deal (373)	67	0,00	0,00
16. Receivables from bonds (375)	68	0,00	0,00
17. Other receivables (378)	69	11 667 544,50	13 433 517,13
18. Estimated receivables (388)	70	0,00	0,00
19. Bad debt provision (391)	71	0,00	0,00
B.III. Short-term financial assets total (1.73 to 80)	72	453 043 559,45	497 845 639,40
1. Cash (211)	73	395 393,17	398 896,98
2. Postage stamp (213)	74	317 940,00	209 300,00
3. Bank accounts (221)	75	452 330 226,28	497 237 442,42
4. Short-term securities (251)	76	0,00	0,00
5. Debt securities (253)	77	0,00	0,00
6. Other securities (256)	78	0,00	0,00
7. Acquisition of short-term financial assets (259)	79	0,00	0,00
8. Cash in transit (261)	80	0,00	0,00
B.IV. Other assets total (1.82 to 84)	81	3 019 936,08	2 126 527,58
1. Deferred expenses (381)	82	2 929 106,09	2 125 863,72
2. Deferred income (385)	83	60 837,65	0,00
3. Exchange difference assets (386)	84	29 992,34	663,86
Assets total (line 1 + 41)	85	1 759 633 650,52	1 784 379 276,63

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Date: 16.04.2015 16:00	Mrs. Getmančíková Barbora
	Page: 3 from 4

UK INTERCOMPANY BALANCE SHEET

as at 31. 12. 2014

(in CZK, two decimal places)

Identification No.
00216208

Indicator name	Line No.	Balance as at 01.01.14	Balance as at 31.12.14
A. Own resources total (l. 87+91)	86	1 517 415 084,96	1 504 842 575,62
A.I. Total equity (l. 88 to 90)	87	1 515 048 246,92	1 517 437 208,73
1. Equity (901)	88	1 288 572 698,01	1 221 638 062,48
2. Funds (911)	89	226 475 548,91	295 799 146,25
3. Differences from revaluation of assets and liabilities (921)	90	0,00	0,00
A.II. Profit/ loss - total (l. 92 to 94)	91	2 366 838,04	-12 594 633,11
1. Account of profit and loss (963)	92	0,00	-13 590 529,15
2. Profit and Loss in permit procedure (931)	93	1 060 001,70	0,00
3. Retained earnings, Accumulated losses from previous years (932)	94	1 306 836,34	995 896,04
B. Other sources total (l. 96+98+106+130)	95	245 312 963,10	266 071 311,90
B.I. Total reserves (l. 97)	96	0,00	0,00
1. Reserves (941)	97	0,00	0,00
B.II. Long-term payables - total (l. 99 to 105)	98	0,00	0,00
1. Long-term bank loans (951)	99	0,00	0,00
2. Issued bonds (953)	100	0,00	0,00
3. Payables from rent (954)	101	0,00	0,00
4. Long-term advance payments received (955)	102	0,00	0,00
5. Long-term bill of exchange to be paid (958)	103	0,00	0,00
6. Estimated payables (389)	104	0,00	0,00
7. Other long-term payables (959)	105	0,00	0,00
B.III. Short-term payables - total (l. 107 to 129)	106	85 358 722,80	105 826 591,27
1. Suppliers (321)	107	3 241 437,61	2 567 481,21
2. Bill for payment (322)	108	0,00	0,00
3. Advance payments received (324)	109	16 666,67	0,00
4. Other payables (325)	110	385 025,52	2 827,33
5. Employees (331)	111	35 093 438,00	34 485 656,00
6. Other payables to employees (333)	112	640 380,60	649 019,70
7. Payables to social securities and health insurance (336)	113	20 347 695,00	19 810 507,00
8. Income tax (341)	114	0,00	0,00
9. Other direct taxes (342)	115	7 691 654,00	7 207 732,00
10. Value added tax (343)	116	0,00	0,00
11. Other taxes and duties (345)	117	0,00	0,00
12. Due to state - tax liabilities and subsidies (346)	118	18 859 543,65	34 967 920,20
13. Due to budget of local authorities - liabilities (348)	119	348 457,53	303 949,10
14. Issued securities and ownership interest - liabilities (367)	120	0,00	0,00
15. Payables from association members (368)	121	0,00	0,00
16. Payables from forward deal (373)	122	0,00	0,00
17. Other liabilities (379)	123	7 063 699,00	7 552 359,74
18. Short-term bank loans (231)	124	0,00	0,00
19. Discounting loan (232)	125	0,00	0,00
20. Issued short-term bonds (241)	126	0,00	0,00
21. Own bonds (255)	127	0,00	0,00
22. Estimated payables (389)	128	-8 329 274,78	-1 720 861,01
23. Other short-term allowance (249)	129	0,00	0,00

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UK INTERCOMPANY BALANCE SHEET
as at **31. 12. 2014**
(in CZK, two decimal places)

Identification No.
00216208

Indicator name	Line No.	Balance as at 01.01.14	Balance as at 31.12.14
B.IV. Other liabilities - total (l. 131 to 133)	130	159 954 240,30	160 244 720,63
1. Accrued expenses (383)	131	0,00	0,00
2. Deferred revenue (384)	132	159 333 959,74	159 967 391,20
3. Exchange difference liabilities (387)	133	620 280,56	277 329,43
Liabilities total (line 86+95)	134	1 762 728 048,06	1 770 913 887,52
RECAPITULATION			
A. ASSETS TOTAL	200	1 759 633 650,52	1 784 379 276,63
B. LIABILITIES TOTAL	201	1 762 728 048,06	1 770 913 887,52
DIFFERENCE A. - B.	202	-3 094 397,54	13 465 389,11
C. Accounts not included into balance sheet	203	-3 094 397,54	13 465 389,11
I. Balance sheet accounts	204	-2 231 819,54	81 780,31
Internal accounting/settlement (395)	205	-2 231 819,54	81 780,31
II. Profit and Loss accounts	207	-862 578,00	13 383 608,80
1. Account of intercompany profit and loss (account class 7.8 and account 692)	208	0,00	14 246 186,80
2. Intercompany profit and loss in process of endorsement (930)	209	-862 578,00	-862 578,00
99 Control number		17 599 430 902,74	17 830 327 377,19



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Univerzita Karlova v Praze, Lékařská fakulta, Kateřinská 32, PRAHA 2, 121 08/ Print report: 190/02182
 Date: 16.04.2015 16:00 Mrs. Gelmančuková Barbora Page: 1 from 3

Stamp: Signature of responsible person: Signature of person responsible for preparation Moment of statement preparation: 16.4.2015 16:00

Univerzita Karlova v Praze
 1. lékařská fakulta
 DEKANÁT
 Kateřinská 32, 121 08 Praha 2
 IČ: 00216208 DIČ: CZ00216208
 ⑥

Ing. Eva Soubustová
 tajemnice fakulty

Responsible person for preparation:
 Ing. Roman Káraš
 vedoucí finančního oddělení

Check code:

UK INTERCOMPANY PROFIT AND LOSS STATEMENT

from 1. 1. 2014 to 31. 12. 2014

(in CZK, two decimal places)

Identification No.
 00216208

Indicator name	Line No.	Activity		
		Main activity	Complementary activity	Total
A. Costs				
A.I. Consumed purchases total (I. 2 to 5)	1	117 152 507,30	1 981 839,42	119 134 346,72
1. Consumption of material (501)	2	87 312 140,25	1 981 839,42	89 293 979,67
2. Consumption of energy (502)	3	29 840 367,05	0,00	29 840 367,05
3. Consumption of other nonstorable deliveries (503)	4	0,00	0,00	0,00
4. Sold goods (504)	5	0,00	0,00	0,00
A.II. Services total (I. 7 to 10)	6	81 749 635,51	2 446 400,67	84 196 036,18
5. Repairs and maintenance (511)	7	23 315 165,61	83 435,17	23 398 600,78
6. Travel expenses (512)	8	17 625 917,77	25 696,26	17 651 614,03
7. Representation expenses (513)	9	1 170 727,41	330 140,43	1 500 867,84
8. Ostatní služby (518)	10	39 637 824,72	2 007 128,81	41 644 953,53
A.III. Personnel expenses total (I. 12 to 16)	11	712 507 565,00	2 660 659,00	715 168 224,00
9. Wages and salaries (521)	12	523 098 442,00	2 254 646,00	525 353 088,00
10. Legal social insurance (524)	13	170 921 007,00	406 013,00	171 327 020,00
11. Other social insurance (525)	14	0,00	0,00	0,00
12. Legal social expenses (527)	15	10 773 383,00	0,00	10 773 383,00
13. Other social expenses (528)	16	7 714 733,00	0,00	7 714 733,00
A.IV. Taxes and fees total (I. 18 to 20)	17	13 775,00	4 117,00	17 892,00
14. Road tax (531)	18	11 275,00	0,00	11 275,00
15. Property tax (532)	19	0,00	4 117,00	4 117,00
16. Other taxes and charges (538)	20	2 500,00	0,00	2 500,00
A.V. Other expenses total (I. 22 to 29)	21	107 208 390,50	3 952 761,60	111 161 152,10
17. Contractual fines and penalties (541)	22	0,00	0,00	0,00
18. Other fines and penalties (542)	23	0,00	33 429,78	33 429,78
19. Write-off doubtful debts (543)	24	446,08	0,00	446,08
20. Interests expenses (544)	25	0,00	0,00	0,00
21. Exchange rates differences - loss (545)	26	648 570,62	6 492,50	655 063,12
22. Gifts (546)	27	0,00	0,00	0,00
23. Shortages and damages (548)	28	0,00	0,00	0,00
24. Other expenses (549)	29	106 559 373,80	3 912 839,32	110 472 213,12
A.VI. Depreciation, fixed assets sold, addition to reserves and adjustments (I. 31 to 36)	30	108 463 059,59	342 306,98	108 805 366,57
25. Depreciation of intangible and tangible fixed assets (551)	31	108 463 059,59	0,00	108 463 059,59
26. Net book value of intangible and tangible fixed assets sold (552)	32	0,00	0,00	0,00
27. Sold securities and ownership interests (553)	33	0,00	0,00	0,00
28. Sold material (554)	34	0,00	342 306,98	342 306,98
29. Additions to reserves (556)	35	0,00	0,00	0,00
30. Additions to adjustments (559)	36	0,00	0,00	0,00
A.VII. Contributions paid - total (I. 38 to 39)	37	0,00	0,00	0,00
31. Contributions paid to branches (581)	38	0,00	0,00	0,00
32. Member's fee paid (582)	39	0,00	0,00	0,00
A.VIII. Income tax total (I. 41)	40	0,00	0,00	0,00
33. Additional income tax payment (595)	41	0,00	0,00	0,00
Costs total (I. 1+6+11+17+21+30+37+40)	42	1 127 094 932,90	11 388 084,67	1 138 483 017,57
N. Intercompany costs - total (I. 144)	143	1 748 180,28	297 704,00	2 045 884,28
Intercompany costs (799)	144	1 748 180,28	297 704,00	2 045 884,28
Total costs including intercompany (I. 42+143)	145	1 128 843 113,18	11 685 788,67	1 140 528 901,85

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Date: 16.04.2015 16:00 Mrs. Getmančuková Barbora

Print report: 190/02182

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UK INTERCOMPANY PROFIT AND LOSS STATEMENT

Identification No.
00216208

from 1. 1. 2014 to 31. 12. 2014
(in CZK, two decimal places)

Indicator name	Line No.	Activity		
		Main activity	Complementary activity	Total
B. Revenues				
B.I. Revenues from own products and goods total (l. 44 to 46)	43	227 429 478,89	14 803 194,97	242 232 673,86
1. Revenues from own products (601)	44	0,00	0,00	0,00
2. Revenues from services (602)	45	227 429 478,89	14 803 194,97	242 232 673,86
3. Revenues from merchandise (604)	46	0,00	0,00	0,00
B.II. Change in intercompany inventory - total (l. 48 to 51)	47	0,00	0,00	0,00
4. Change in work in progress (611)	48	0,00	0,00	0,00
5. Change in semi-products (612)	49	0,00	0,00	0,00
6. Change in finished products (613)	50	0,00	0,00	0,00
7. Change in animals (614)	51	0,00	0,00	0,00
B.III. Capitalisation - total (l. 53 to 56)	52	0,00	0,00	0,00
8. Capitalisation of material and goods (621)	53	0,00	0,00	0,00
9. Capitalisation of intercompany services (622)	54	0,00	0,00	0,00
10. Capitalisation of intangible fixed assets (623)	55	0,00	0,00	0,00
11. Capitalisation of tangible fixed assets (624)	56	0,00	0,00	0,00
B.IV. Other revenues - total (l. 58 to 64)	57	179 601 907,47	323 759,29	179 925 666,76
12. Contractual fines and penalties (641)	58	0,00	0,00	0,00
13. Other fines and penalties (642)	59	0,00	0,00	0,00
14. Write-off receivables - incomes (643)	60	0,00	0,00	0,00
15. Interest received (644)	61	2 380 166,10	252 621,72	2 632 787,82
16. Foreign exchange gains (645)	62	2 252 799,83	63 357,79	2 316 157,62
17. Settlement of funds (648)	63	26 758 503,90	0,00	26 758 503,90
18. Other revenues (649)	64	148 210 437,64	7 779,78	148 218 217,42
B.V. Revenues from sales of fixed assets, changes in provision and adjustments - total (l.66 to 72)	65	0,00	1 155 996,48	1 155 996,48
19. Revenues from sales of intangible and tangible FA (652)	66	0,00	0,00	0,00
20. Revenues from sales of securities and ownership interests (653)	67	0,00	0,00	0,00
21. Revenues from sales of materials (654)	68	0,00	1 155 996,48	1 155 996,48
22. Revenues from short-term financial assets (655)	69	0,00	0,00	0,00
23. Changes in reserves/provisions (656)	70	0,00	0,00	0,00
24. Revenues from long-term financial assets (657)	71	0,00	0,00	0,00
25. Changes in adjustments (659)	72	0,00	0,00	0,00
B.VI. Total contributions received (l. 74 to 76)	73	0,00	0,00	0,00
26. Contribution received from branches (681)	74	0,00	0,00	0,00
27. Contribution and gifts received (682)	75	0,00	0,00	0,00
28. Member's fee (684)	76	0,00	0,00	0,00
B.VII. Total operating grant (l. 78)	77	701 578 151,32	0,00	701 578 151,32
29. Operating grant (691)	78	701 578 151,32	0,00	701 578 151,32
Total revenues (l. 43+47+52+57+65+73+77)	79	1 108 609 537,68	16 282 950,74	1 124 892 488,42
C. Profit/loss before taxation (l. 79-82)	80	-18 485 395,22	-4 894 866,07	-13 590 529,15
30. Income tax (591)	81	0,00	0,00	0,00
D. Profit/loss including taxation (l. 80-81)	82	-18 485 395,22	-4 894 866,07	-13 590 529,15
W. Total intercompany revenue (l. 181+182)	180	15 621 486,03	670 585,05	16 292 071,08
Intercompany revenue (899)	181	11 839 384,03	670 585,05	12 509 969,08
Intercompany subsidy (692)	182	3 782 102,00	0,00	3 782 102,00
Total revenue including intercompany (l. 79+180)	183	1 124 231 023,71	16 953 535,79	1 141 184 559,50
E. Intercompany profit/loss (l. 180-143)	184	13 873 305,75	372 881,05	14 246 186,80

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auditorské osvědčení č. 91
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Tel./Fax 048/5104763-64

Univerzita Karlova v Praze, I. lékařská fakulta, Kateřinská 32, PRAHA 2, 121 08
 Date: 16.04.2015 16:00 Mrs. Getmančuková Barbora Print report: 190/02182
 Page: 3 from 3

UK INTERCOMPANY PROFIT AND LOSS STATEMENT

from 1. 1. 2014 to 31. 12. 2014
 (in CZK, two decimal places)

Identification No.
 00216208

Indicator name	Line No.	Activity		
		Main activity	Complementary activity	Total
RECAPITULATION				
Profit/loss before taxation (l. 80/1+2)	83	-18 485 395,22	4 894 866,07	-13 590 529,15
Profit/loss including taxation (l. 82/1+2)	84	-18 485 395,22	4 894 866,07	-13 590 529,15
Intercompany profit/loss (l. 184/1+2)	185	13 873 305,75	372 881,05	14 246 186,80
Profit/loss for current accounting period l. 82/(1+2) + l. 184/(1+2)	186	-4 612 089,47	5 267 747,12	655 657,65

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STATEMENT OF CASH FLOW

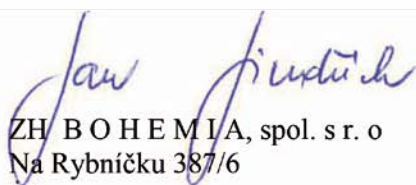
The **FIRST FACULTY OF MEDICINE of CHARLES UNIVERSITY IN PRAGUE** is required under the Article 18, Section 3 of the Act on Accounting No. 561/1991 Coll., to draw up their financial statements in simplified format. The financial statement in simplified format under the Article 3, Section 5 of the Public Notice No. 504/2002 Coll. does not include the statement of Cash Flow.

Therefore the Independent Auditor's Report does not include the Statement of Cash Flow as per the above mentioned legal regulation of the Czech Republic.

In Liberec, 14th May 2015

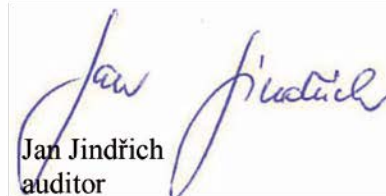


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Jan Jindřich
ZH BOHEMIA, spol. s r. o.
Na Rybníčku 387/6
Liberec

Certificate number of the audit firm 091



Jan Jindřich
auditor

Certificate number of the auditor 1133

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Registered on 9. 2. 1993 by the Trade Register of Regional Court in Ústí nad Labem, section C, Number 4372

SUPPLEMENTARY NOTES

The First Faculty of Medicine of Charles University in Prague is an integral part of Charles University in Prague and has no obligation to submit Supplementary Notes to the Financial Statements.

We have audited only partial UK Intercompany Financial Statements and therefore the Independent Auditor's Report does not include Supplementary Notes.

In Liberec, 14th May 2015



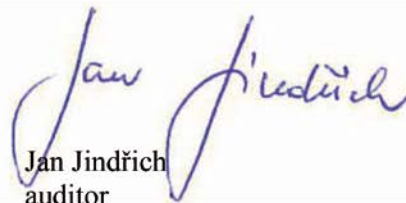
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auditor

Certificate number of the auditor 1133

99	Students' Activities
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The Faculty is the editor of the impacted journal *Folia Biologica* (IF = 1,167) and the non- impacted Prague Medical Report. Further, the occasional publications in the series *Acta Universitatis Carolinae – Medica* are issued by the Faculty.

In charge of *Folia Biologica* are: editor-in-chief Prof. Tomáš Zima; executive editors Prof. Jan Bubeník, Dr. Zdeněk Kostrouch, and Prof. Karel Smetana; and the language editor Dr. Šárka Takáčová.

The editor-in-chief of Prague Medical Report is Prof. Miloš Langmeier, DrSc., executive editors are Assoc. Prof. Jan Šváb and Dr. Kateřina Jandová, and the language editor is Prof. Jaroslav Pokorný.

Department of Communication



UNION OF CZECH MEDICAL STUDENTS

Not only for the Union of Czech Medical Students but perhaps for all students who frequent the computer room, library or resource room of the Union. In this Annual Report, I would like to put emphasis on the continuity and tradition of the Union of Czech Medical Students, which has taken its firm roots at the Faculty for many years. I do believe this will be the case in future as well. Like the Union of Czech Medical Students is beneficial for our Faculty, the support from the Faculty is of equal importance for the existence of the Union. By 17th December 2014, an incredible number of 1,531 members were registered in the Union at the Faculty, which means 186 more members than the year before. This increase would hardly be possible without the chance to present our Union at the freshmen's summer camp at Dobronice, the Open Day and other Faculty events. That is actually what made the still widening pool of our members so younger in such an incredibly short time.

THE UNION'S PREMISES IN FAUST HOUSE

In 2014 we carried on refurbishing the premises of the Union of Czech Medical Students to make our club a more pleasant place to study or relax. Above all, we redecorated all the rooms. Now we hope that our students will feel at home here.

SALE OF THE FACULTY MERCHANDISE

The Union of Czech Medical Students still sells promotional merchandise of the Faculty. In the past years we again commissioned an own collection of women's and men's t-shirts with the Faculty logo, completed the missing sizes and added some new colours. When ordering the manufacture of merchandise items, we have always pursued a high degree of quality of materials used, and we keep up the contact with REDA a.s. which complies with our wishes, provides high quality print and special discounts. We also sell the Faculty's items and assist in their advertising and invoicing.

UNION OF CZECH MEDICAL STUDENTS AND NEW MEDIA

We are fully aware of the necessity in using the new media and its importance, so in 2014 we managed our web page – www.spolekmedikuceskych.cz.



www.spolekmedikuceskych.cz.

On the Facebook, we have lately been running two pages. One is the own page of the Union of Czech Medical Students, and the other is the page of the Erasmus Students' Office, which is presented in English. We have more than 2,250 fans, and new ones are coming every day. We intend to use Facebook as much as possible as we find it most effective in communication with the younger generation. In the age group of freshman medics, an overwhelming majority use this medium, and so our aim is to display even more information on our Facebook profile. We have already started the development, including more frequent updates. We also take part in managing the web pages of the Faculty group, which have got more than 3,500 fans by now. Also, we run a section at both official and unofficial web pages of the Faculty. But the development of internet does not mean abandoning the classical forms of communication, such as the noticeboard at the Department of Students' Affairs, as well as at other sites at the Faculty, including own premises of the Union, where two noticeboards display students' ads and notices of our organization. In addition, we have been creating a permanent joint presentation for the Union of Czech Medical Students and IFMSA. This association shares our premises as well as common interests and the friendly approach.

On our website, there is a reference to the i-forum of Charles University as well.

OUR ERASMUS STUDENTS' OFFICE (ESO)

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

Prague. This year, 120 students arrived in Prague.

The icebreaking party for the incoming students took place at the Union premises in Faust House. Actually there were two parties in the past year, and particularly that in the autumn met a keen interest among "Erasmus" students, which was really rewarding for us.

The ESO members have been preparing some more projects for incoming students as well. To list just the most interesting of them, I can mention the trips to Kutná Hora and Plzeň, the Prague Tour, the Day in the Zoo, ESO – bowling tournament or the steamboat trip on the Vltava.

Then, the ESO – welcome party, ESO – paintball, ESO sightseeing tour and St. Nicolaus Karaoke Party took place again. Further, an ESO – bowling tournament and the National Food and Drink Party were organized.

We carry on the co-operation with the Charles University International Club, which organizes a similar programme within the University.

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

CO-OPERATION BEYOND THE FACULTY

Student Union of Charles University – As one of the charter members of the Student Union of Charles University, the Union of Czech Medical Students has obtained an even firmer position within this university student organization in the past year. The Union of Czech Medical Students is the only representative of our Faculty in the Council of the Student Union of Charles University. Within the Student Union, we were involved in promotion of events such as Miss Charles University and Ice-Hockey Battle 2014, and assisted the other student organizations at Charles University. Of course we took an active part at the May Fun Rag Day on 30th April too. At the beginning of the winter semester we introduced the Faculty at the Students' Fair and at the Week of Science at the Academy of Sciences. Members of the Union participated in this year's Gaudeamus Fair in Brno as well.

Faculty of Natural Science – In 2014, we continued the co-operation above all with the Faculty of Natural Science, whose domicile is the Karlov and Albertov area just as ours. We kept the contacts with their Department of Students' Affairs and their student organization SKAS. We are also involved in their project Albertov Slopes, which is about the care of the environment of the Little Albertov Stairs and tries to make the area pleasant and attractive for all students.

On 7th April 2014, the student union Přírodověda organized the running race up the Little Albertov Stairs. Our Union took part in promotion, and some of our members were active as runners too.

Charles University Prom Ball – The president of the Union of Czech Medical Students, Petra Kňážeková, became a member of the Ball Committee at the Rector Office of the University, which organized the ball (held on 14th April 2014). Some other members of the Union of Czech Medical Students volunteered for the ball as well.

The Second Faculty of Medicine and other parts of Charles University – We co-operate with Motolák, the student association of the Second Faculty of Medicine, and with some other associations at the University, e.g. the student association of the Third Faculty of Medicine called TRIMED.

Chat with Médecins sans Frontières – On 5th November, a chat with Médecins sans Frontières took place at the Great Lecture Hall of the Institute of Anatomy, focused on their work in missions abroad. The crowded lecture hall was the proof of the success of the presentation.

In the past year, several organizations contacted the Union of Czech Medical Students, mainly offering volunteer positions for students, such as health supervision at summer camps etc. Thanks to our co-operation with German human resources agencies, scores of our students have found jobs in the Federal Republic of Germany.

CO-OPERATION WITHIN THE FACULTY

Union of Dental Students of the Czech Republic and IFMSA – We offer dental students our premises for lectures and workshops. The student organization IFMSA is based here; we assist them in advertising and by providing rooms for meetings.

MEDSOC – Lately, co-operation with students of the English parallel classes has been deepening. New planned events such as a bowling party and other should facilitate better mutual relations too.

Co-operation within the Faculty – We actively communicate with the Academic Club and the Faculty's Department of Communication. We also appreciate the interest that the Dean shows as he visits the traditional sessions with active members of our Union and learns about the Union's activities. In the past year, there was also a meeting of representatives of the Union of Czech Medical Students and students of addictology, which was meant to assist them in establishing their own association.

PROJECTS OF THE UNION OF CZECH MEDICAL STUDENTS

Textbook exchange – The traditional textbook exchange at the Academic Club was cancelled because too few students were interested. This is due to the great success of the internet textbook exchange, which is more flexible in terms of demand and supply of the books that medical students need at the moment.

Drop of Blood – This project, launched in December 2008, has become one of our regular events. In co-operation with the



Department of Blood Transfusion of the General University Hospital we motivate students to become blood donors.

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

Arts competition – During November and December, the Union of Czech Medical Students organized an arts competition for students, who were free to participate with any pictures from medical settings. Twenty-three items entered the competition, which was judged by a board made up of representatives of the Union and the academic community. The best picture was awarded with tickets for the Medic Prom Ball, and all participating works of art will decorate the Union premises.

Social events – As every year we take part in organization of the Medic Prom Ball of the First Faculty of Medicine, and it was the case with the 126th ball. In the past year, a new method of reservation of the tickets was introduced, which made booking of the tickets via the internet really simple and easy. As in the year before, complimentary tickets were offered to the Heads of organization units of the Faculty.

Star Rave-up is a traditional party at the Hvězda (“Star”) club. Traditionally, there were two parties in the past year, and smoking was totally banned at both of them again. Star Rave-up is the biggest medical student party in this country, and the autumn party was 35th in line. After the last year success of “thematic” parties, we set a particular style for either of them – the “carnival” style for the spring party, and “à la Mexico” for the autumn.

1+6 Medic Party – an event where prospective alumni of the Faculty meet the freshmen, took place on 2nd December 2014 in the P. M. Club. It was a fantastic success, and it is the only student party visited by the Dean. The aim of the party is to get students together, welcome the fresh students, and it was a farewell party for the graduates at the same time. For the freshers and graduates, a lot of common competitions were organized so that they could learn each other – and win the super prizes together. This time, again, this event met a warm response on the Facebook, and the full house was another proof of the success. The 1+6 Medic Party is a non-smoker venue, too.

2014 Picnic – Bad weather has been a faithful companion of this students’ picnic since 1999 when it was organized first, and we carried on this tradition again. Who would have ever believed that it would continue up to 2014?! Anyway, the picnic is still very popular among students, and they love coming and trying the delicious tidbits prepared for them. It is an event which is fully under the control of the Union.

Sports tournaments – In 2014 we organized the traditional bowling tournaments again, some of them in co-operation with MEDSOC.

Concerts – For quite a time we have provided rooms for Dr. Jiří Beneš’s concerts, which always have been a great success too.

PROJECTS FOR CHILDREN

2014 Children’s Day – Every year the Union of Czech Medical Students participates in organizing this event at the beginning of June, which is really popular among children.

2014 St. Nicholas Eve – It was the 15th time that we gave small presents to children who have to spend St. Nicholas Day in hospital. Apart from the traditional visit of the Devil, Angel and St. Nicholas in the General University Hospital, this time the event included the more distant hospitals too – Thomayer Hospital in Krč, and for the first time the Bulovka Hospital. St. Nicholas was able to give out a lot of presents, thanks to both students and staff of the First Faculty of Medicine, who generously sponsored the event. Those presents that were not given out were then sent to Children’s Homes as usual.

AIMS OF 2015

- To actively communicate with students and the Faculty, to be as open and outgoing as possible.
- To make the challenging student life more pleasant through active leisure.
- To elect a new Executive, replacing the outgoing members.
- To reduce the number of passive members and to get as many students as possible actively involved.
- To try to prepare more projects for prospective alumni to facilitate the start of their professional careers.

Executive of the Union of Czech Medical Students:

Chairwoman of the Executive: Petra Kňážíková (since 21st October 2013)

Members of the Executive: Stanislav Smutný, Kristína Molnářová, Iva Novotná, Jan Mareš, Zbyněk Vávra, Jitka Knapčoková, Jan Müller

Compiled by: Josef Urbanec

ACTIVITY OF THE LOCAL BRANCH OF IFMSA AT THE FIRST FACULTY OF MEDICINE

Activities of IFMSA at the local level can be simply divided into two sections – international placements, and projects. Particularly the projects are often forgotten, although they provide space where students can – even before starting their career in clinical practice – see the public and work on promotion of information for specific target groups.

STUDENTS' PLACEMENTS ABROAD IN THE ACADEMIC YEARS 2013/2014 AND 2014/2015

In the academic year 2013–2014, we provided more than 70 placements for outgoing students. More than 65 students went for clinical placements and more than 10 for research placements in nearly 30 countries. The number of incoming students at the Faculty in the academic year 2013–2014 was more than 70. The programme traditionally includes the welcome dinner at the beginning of the month. In the summer months, special programmes were organized every weekend, including trips to Kutná Hora, Český Krumlov and some other places.

PROJECTS IN THE ACADEMIC YEARS 2013–2014 AND 2014–2015

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

SCOPH (Standing Committee for Public Health)

This first group of projects is clearly dominated by the Teddy Bear Hospital and the project "For life". The gist of the project is training in first aid at higher basic schools and secondary schools. During the summer semester of the academic year 2013–2014 and the winter semester of 2014–2015 we trained 20 school classes. In the academic year 2014–2015 we made contacts with the Department of Anaesthesiology, Resuscitation and Intensive Care, which supports us in training of instructors, implemented in co-operation with Dr. Robert Pleskot.

The project of the World Diabetes Day took place at the Anděl pedestrian precinct in the centre of Smíchov in Prague, which turned into an improvised doctor's surgery, where 686 passers-by had their health state checked.

SCORA (Standing Committee for Healthy Reproduction and AIDS prevention)

This time, under the project "Streetcar named desire", a theme tram set off on the occasion of the AIDS World Day to give the random passengers information on AIDS as well as on other sexually transmitted diseases. During this project, students of the First Faculty of Medicine collected money for the House of Light charity, and managed to raise more than CZK 13,500.

SCORP (Standing Committee for Human Rights and Peace)

SCORP (Standing Committee for Human Rights and Peace)

Medicafé is our key project in this sphere. In 2014, nine Medicafés took place, which informed students and general public about some interesting topics from medical setting. Another project in this section is the Evenings with Dr. House, where students try to solve some interesting case studies together with Assoc. Prof. Martin Vokurka.

On behalf of all students engaged in the IFMSA CZ activities, I would like to thank Prof. MUDr. Aleksí Šedo, DrSc., the Dean of the First Faculty of Medicine of Charles University, for financial support granted. We really appreciate this support and pledge to use the finance as sensibly as possibly.

For the IFMSA CZ branch at Charles University in Prague – the First Faculty of Medicine:



Veronika Javůrková, local president

LF1 MEDSOC

2014 was another exciting year for LF1 MEDSOC. As a young organization, we have made great strides forward. Each year we offer more support and services to students at the First Medical Faculty, and in response we receive more positive feedback each year. We also moved into a new office on the top floor of Faust House, where students can easily find us, and where we are close to SMČ. In 2014, we made progress in each of our 3 branches: Academic Affairs, Student Support, and Activities and Media.

ACADEMIC AFFAIRS

In the past year, Academic Affairs team was restructured to create representatives for each study year. Students can communicate with their year representative about their concerns and suggestions. This new system has worked well to provide a platform for positive change. The Academic Affairs team has also continued to provide study resources to students through the Dropbox system. Students have access to a range of study materials, and are able to update the folders as they come across new resources. The annual Booksale gave students to buy and sell textbooks, as well as exchange information about which books were more useful.

Students prepared seminars on topics such as “How to write a CV”, “Getting a job in the UK”, “Getting a job in Germany”, and “How to Tackle the USMLE”. Based on their popularity, seminars organized by the Academic Affairs team have become a staple for English Parallel students at all three medical faculties, as well as some of their Czech counterparts. An Immediate Life Support Certification Course taught by the Czech Resuscitation Council is planned.

The Academic Affairs team has also continued to pursue changes in clinical teaching, such as the Clinical Training elective subject, which is taught at the 3rd Internal Medicine Department, and has been met with positive feedback.

This year, we have striven to create a more active Alumni network that can provide value support for current students. We have asked for feedback from graduates, as well as advice about how to get jobs and arrange clerkships.

STUDENT SUPPORT

In 2014, the Student Support team became a more active branch of MEDSOC. The invaluable Guide System was improved by careful selection of students for Guide positions, as well as unified seminars for the whole First Year, organized by the Student Support team and the Guides. These seminars covered basic information about what to expect in the first year courses, how oral exams work, studying strategies, the credit system, and much more.

The Student Support team has also compiled a list of essential contact information for foreign students in Prague, where students can find out where to go with various medical and non-medical issues. We have also worked closely with ForStudents.cz to provide support with visa and housing issues. A special deal for Driving School in English was also set up in the past year.

Student Support has sought more feedback about LF1 MEDSOC activities through the use of online surveys. The information we received has directed our efforts towards the issues that LF1 students consider most relevant.

ACTIVITIES AND MEDIA

The Activities and Media branch is a heterogeneous group of students who are passionate about cultural enrichment and an active lifestyle. Our Men’s Basketball and Football teams have played a number of games against other university teams in the past year, and they proudly represent our faculty with a majority of wins. Club sports, such as Running, Volleyball, and Dance provide an outlet for students to relax and stay healthy.

The Events team has organized various social events that allowed students to meet each other and have fun. The annual Spring Ball, which was held at Národní dům na Vinohradech, was a great success once again, with dinner and live music and dance performances by students. Several social events were organized together with 2. LF and 3. LF students, such as the Christmas party and the “Wave your flag” party.

The Charity team has grown in size and activity in the past year. A joint fundraiser with IFMSA rounded off the year, raising money and awareness for prostate cancer. Other projects included a huge clothes drive for the Red Cross, and the Christmas boxes event, where students prepared gifts for children in orphanages in the Czech Republic.

We are so privileged to be a part of the First Medical Faculty, and we are particularly grateful for the support of Dean Šedo and Vice-Dean Kittnar. We feel that each year the English Parallel becomes more integrated into student life at the First Medical Faculty, resulting in enrichment on all sides. We look forward to improved communication, more collaboration with SMČ and IFMSA, and greater partnership with our professors in pre-clinical and clinical settings. We are excited for the developments ahead!

Barbara Anna Danek

Vice President of Academic Affairs

LF1 MEDSOC

The 2nd prize for Tereza Nedvědová

A student of Charles University – the First Faculty of Medicine and a lecturer of practical classes at the Institute of Anatomy, Tereza Nedvědová won the 2nd prize at the Scientific Conference of Students of Medical Faculties of the Czech Republic in the Medical section 1 for her paper *Induction of stem traits in melanom lines in vitro* (Supervising tutor: RNDr. Barbora Dvořánková, Ph.D., MUDr. Ondřej Kodet – Institute of Anatomy of the First Faculty of Medicine).

Biochemist Matyáš Krijt wins the Czech round of FameLab

The biochemist Matyáš Krijt presented the research which he has been doing with his colleagues in the laboratories of the First Faculty of Medicine, in the FameLab scientific competition. Thanks to the three-minute presentation called *Help, (p)urine!* He won the Czech round and advanced to international semi-finals, which took place in Cheltenham in Great Britain. The young scientist presented a method of monitoring disorders in synthesis of purines, which make up DNA. These disorders manifest themselves in seizures, retardation of development and symptoms of autism. As these manifestations are common for many diseases, the differential diagnosis is crucial. And it is development of a new diagnostic method to detect the disorder in DNA synthesis that is the aim of the research of the team. Matyáš Krijt graduated from the Faculty of Natural Science in biochemistry, and he carries on studying biochemistry and pathobiochemistry in the postgraduate programme at the First Faculty of Medicine.

Josef Hlávka Award for Dr. Šípek

At the proposal of the Rector of Charles University, Josef Hlávka Award was granted to Dr. Antonín Šípek, the postgraduate student of the First Faculty of Medicine in the field of molecular and cell biology, genetics and virology, and also a long-standing administrator of the WikiLectures portal. On the eve of the national holiday of 17th November, this annual prestigious award is granted to the best students and graduates of Prague universities and Brno polytechnic school, and young scientists from the Academy of Sciences of the Czech Republic.

Medal of Merit for Prof. Dungal

The Head of the Department of Orthopaedics of the First Faculty of Medicine and Bulovka Hospital, Prof. MUDr. Pavel Dungal, DrSc., was presented the Medal of Merit, 1st class, by the Czech President Miloš Zeman on the occasion of the National Day on 28th October. This medal was awarded for merit for the nation in the field of science.

Charles University Memorial Medal for Assoc. Prof. Bartůněk

The Rector of Charles University Tomáš Zima appreciated the assets of Assoc. Prof. MUDr. Petr Bartůněk, CSc., the expert in heart rate disorders and heart lesions due to Lyme disease, and the co-author of the device that enables transmission of ECG signal by phone (TELSAR system). The gold medal was awarded for merit in the development of internal medicine. “I’d like to thank Prof. Bartůněk a lot for education of a whole generation of physicians, care of patients, but also for the stories of his professional life, so rich in events, which really enriched our experience,” said Rector Zima at the award ceremony.

World internal medicine and Dr. Mattová’s success

The postgraduate student of the Institute of Biophysics and Informatics, Dr. Jana Mattová won a travel grant at the world congress of internal medicine WCIM 2014, which took place in Seoul in late October. While 130,000 abstracts had been submitted,

only 25 were rewarded, and one of them was her *Non-resorbable chelating polymeric beads as potential treatment of Wilson's disease*.

First prize at Student Scientific Conference for Ms Cvrkalová

The graduate of our Faculty, specifically the Masters programme in the field of Intensive care Lenka Cvrkalová won the first prize in the category of non-medical fields at the National Student Scientific Conference which took place in Hradec Králové on 20th and 21st November 2014. Her prize paper dealt with nurses' communication with patients with controlled airways at a resuscitation department.

Josefina Napravilová's foundation award

Dr. Miroslav Důra became the best 6th year student, and the first year student that was awarded was Anežka Zelinková.

Scientia Foundation awards for the best papers by students of the First Faculty of Medicine, published in 2013

The prizes were awarded in the Academic Club on 10th June 2014.

1st prize Petra Bášová, Ph.D.

1st prize Vít Hubka

2nd prize Lucie Vyskočilová

2nd prize Karin Vargová

Rector's prize for the best graduates of Charles University in Prague – Prof. Karel Weigner Award

was won by Dr. Martin Bartoš, a graduate of the Masters study programme of General medicine at the First Faculty of Medicine. He was admitted to study in June 2008 as he had achieved the total entrance test score of 222 points (out of 240) and finished in 28th place. Throughout his studies he had outstanding results (with average grading at 1,055), passed all parts of the Rigorous State Examination with excellent grades and graduated with honours in 2014.

Werner von Siemens Award, category the best educationalist – Prof. Štípek

Prof. MUDr. Stanislav Štípek, DrSc. played a crucial role in modernization of methods in medical education in the Czech Republic. He is one of the founders of the educational web Medical Faculty Educational Network (Mefanet), which enabled interconnection of all medical schools in Czech as well as in Slovakia, and takes part in the creation and development of WikiLectures. He works at the Institute of Clinical Biochemistry and Laboratory Medicine.

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