

Charles University in Prague  
First Faculty of Medicine

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Annual Report

2015



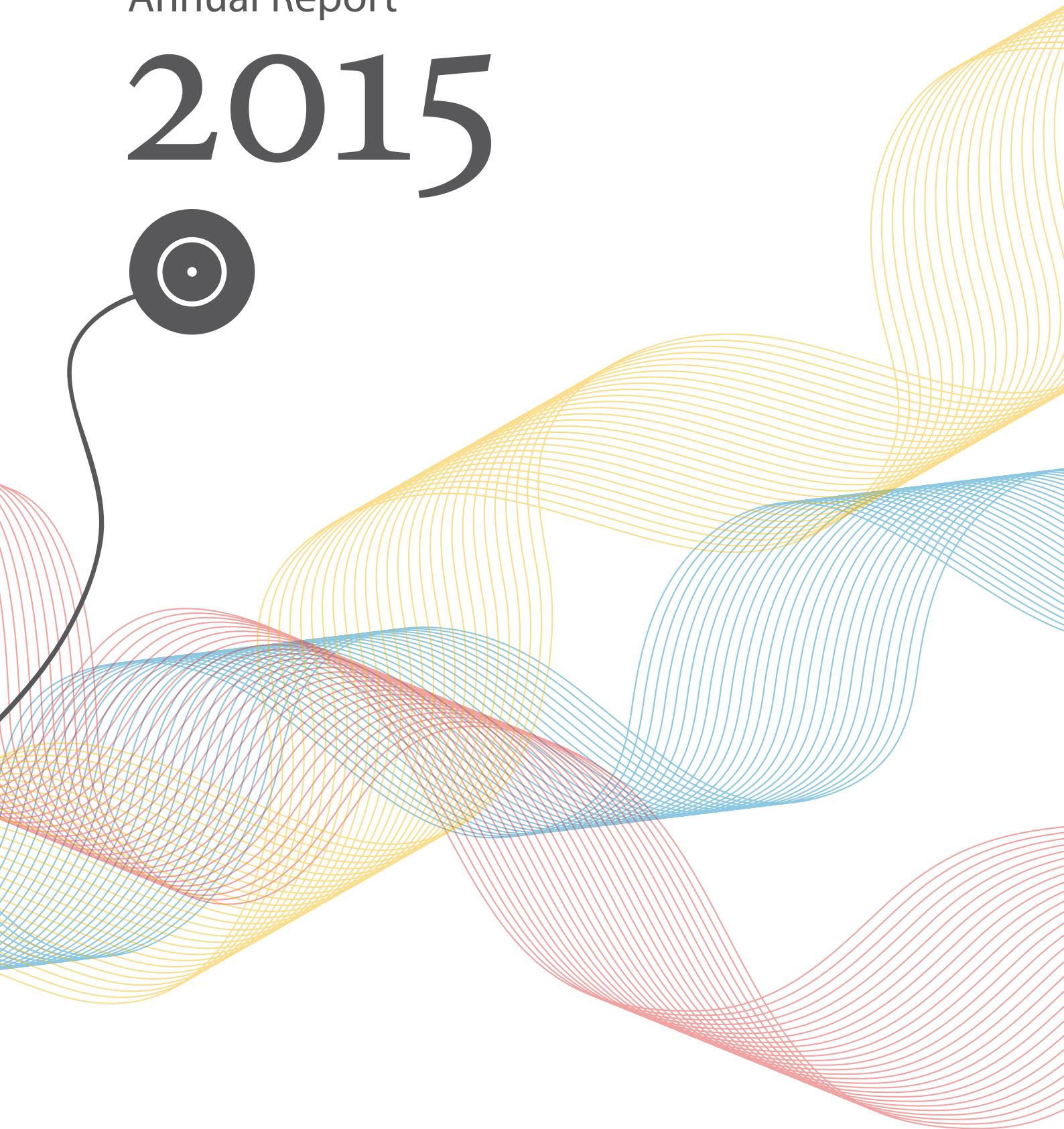


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First Faculty of Medicine

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Annual Report

2015





**FIRST FACULTY  
OF MEDICINE**  
Charles University

Compiled by team of authors from Charles University – the First Faculty of Medicine  
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*Prof. MUDr. Aleksi Šedo, DrSc.  
Dean of the Faculty*

An annual report somewhat resembles interim reports of grant projects. It is a survey, reflection as well as starting point for further steps that will be important to sustain prosperity in the future years. More detailed information can be found in the following chapters. In my foreword I can just try to be a guide, briefly introducing the most substantial elements of the Faculty's life in 2015.

As part of the entrance procedure to the studies the "bonus for maths" proved to be a good idea – we started making use of the fact that success in mathematics is a well-established predictor of the student's future academic progress. We are glad that the last year the interest in studies at our Faculty has grown again and we can choose applicants for studies at a high level of quality from both the Czech Republic and abroad. With the same objective we continuously improve and validate our entrance tests. We innovate the curricula of particular subjects and logbooks of practical skills. Presently, we are going to open the new Simulation Centre, focused on practical training on models, in the building of the Institute of Physiology. We also find important maintaining the optimal teacher-to-student ratio. Discussion started about changes in organization of postgraduate studies as well. In this area we have to co-operate with some other faculties with accreditations for the same fields and above all with the co-ordinating council for postgraduate studies at the university level.

And how were we getting on in the sphere of the Faculty's strategic development? The key to success for each organization is its people. As in the years before, we support our successful units and their "scientific schools" through refunds of their grant project running costs and productivity bonuses for the project researchers. Despite of the shrinking funding of education that the Faculty gets, in 2015 we achieved economic results that allowed us to raise the wage limits of units. However, science requires development of infrastructure as well. Here I can only mention those events that are really big and internationally important, which will influence the Faculty's future not only in terms of increment but in terms of quality as well. The BIOCEV centre has been built and our scientific teams have already started working there. We have finished the absolutely unique Centre of Advanced Preclinical Imaging – CAPI. Both BIOCEV and CAPI have already been integrated in world networks in their respective fields. Preparation of the project of the Albertov Campus has been in progress, and recently the architecture competition has been opened. Other projects that have either been materialized or have reached an advanced stage of development include "Equipment for metabolomic and cell analyses", "BIOCEV from basic to applied research", "Development of technological support for doctoral study programmes", "Tumour research laboratory". Another project called "Medicinal chemistry centre for molecular diagnostics and targeted treatment of selected conditions" was submitted. In co-operation with principals of 45 Faculty units we gathered another 85 annotations of project concepts which we use to prepare the Strategic Development Plan (SDP) of the First Faculty of Medicine. This is conceived concurrently with the SDP of Charles University and comprises both educational and investment project concepts. Considering the numerous prepared offers of subsidies within a short period of the first six months of 2016, it will be a real rush for us. Records of construction adaptations that took place at our own expense in 2015 can be seen at the Faculty's web pages in the section Faculty buildings renovated. And – just to give an example – renovation of the buildings of the Institute of Physiology and the Institute of Immunology and Microbiology, planned for 2016, is well in the pipeline.

Development of the Faculty includes more than the professional things alone. The Academic Club in Faust House got an upgrade and started up well again, MEDialogues keep attracting growing attention of the public and media, and further the Alumni club, associating the Faculty's graduates, started its activities in 2015.

I will be pleased if you find the information about our Faculty – "the One" – interesting. Looking at our Faculty, you can take a viewpoint of your choice, considering what you are interested in. Other sources of information, in addition to this Annual Report, are scientific bibliography data bases, the media and also our information bulletin *Jednička* [Number One] or our website, which will be substantially innovated in 2016. Those who are members of our academic community can obtain much more information on our Faculty intranet as well. We do appreciate your interest!



*Mgr. Dana Jurásková, Ph.D., MBA*

*Director of the General University Hospital in Prague*

In 2015 the General University Hospital in Prague commemorated important 225<sup>th</sup> anniversary of its foundation. The whole year provided opportunities to recall the glorious past of this institution, the past which binds our generation as well as the coming generations to strive to reach our predecessors' level. Actually, some of our units celebrated their important anniversaries in the same year too, such as the 3<sup>rd</sup> and 4<sup>th</sup> Department of Medicine, Department of Urology and Department of Obstetrics and Gynaecology.

Therefore we could do no other than celebrate the anniversary through work, in particular through the unique project "Prevention Year", dealing with a different topic each month, talking to people and telling them about the importance of prevention and preventive investigations. And this is what is perhaps characteristic of our joint units – trying to be not only the place where diagnosis and treatment of patients are done but also a venue for continuous education for both professionals and general public.

Further good news is our budget, which was balanced again in 2015, or actually in the black by 1,440,000 Czech crowns, with the total turnover at more than CZK 7,500 million. This is a success, especially considering the fact there was a 5 per cent wage rise at the beginning of the year, which was far from being completely covered by health insurance subsidies as they were specified by the government decree. Anyway we managed to materialize some important and demanding projects, such as renovations of our most frequented out-patient clinics (e.g. at 1<sup>st</sup> Department of Surgery, Department of Dermatovenereology, 4<sup>th</sup> Department of Medicine and Department of Ophthalmology) on one hand and upgrade and purchase of new health technologies, above all the launching of a unique new irradiating device for tomotherapy, on the other hand. These investments were enabled, among others, by the considerably increased supply of subsidies as the Ministry of Health eventually realised the long-lasting state when our hospital as well as our joint units had been underfinanced. However, the big challenges are still ahead, such as construction of the emergency admission building of the general comprehensive pavilion, which are projects that will really shape the life of the hospital in the coming years.

Last but not least, achievements in the sphere of science and research must be mentioned, as scientific research is one of the main activities of the General University Hospital in Prague. It is implemented in close cooperation with the First Faculty of Medicine, Charles University in Prague, health institutions in the vicinity of the hospital, institutes of the Academy of Sciences of the Czech Republic, Czech Technical University and other universities and industries. Beyond the research designs of the hospital, mainly projects supported by the internal grant agency of the Ministry of Health are performed but also one project supported by the Ministry of Industry and Commerce. The interconnection of activities of the General University Hospital in Prague and the First Faculty of Medicine has resulted in existence of the most important cluster of institutions for biomedical research in the Czech Republic.

The General University Hospital in Prague is one of the most prominent institutions in the Czech Republic, which makes it a suitable candidate for performance of clinical trials of medications and medical aids and supplies, and that is another well appreciated activity of the Hospital's units. In 2015, we made 182 contracts of medical trials. These days we are negotiating for another 85 contracts of clinical trials in preparation.

At present, about 424 clinical studies are in progress. Most studies are focused on multiple myeloma (1<sup>st</sup> Department of Medicine), high levels of cholesterol, growth hormone deficiency, type 2 diabetes mellitus (3<sup>rd</sup> Department of Medicine), colorectal carcinoma, hepatocellular carcinoma, multiple sclerosis, kidney conditions and diagnosis of ovarian carcinoma. In 2015, the 1<sup>st</sup> Department of Tuberculosis and Respiratory Diseases joined the departments that participate in clinical studies as well.

At the Department of Ophthalmology, a study is in progress to evaluate efficiency and safety of sarilumab in patients with non-infectious, intermediate and/or distal uveitis or panuveitis. In this study, the centre at the General University Hospital in Prague is the most successful in the world in terms of patient recruitment.

2015 was a really good year for the General University Hospital in Prague. We worked for the benefit of our patients, employees and colleagues from the First Faculty of Medicine of Charles University. This is what we would like to carry on: being a venue where tradition and present, science and research, patients and their physicians, students and their professors meet, and being a guarantee of modern medicine.

For all that, and much other good news I would like to thank you, all our colleagues, for the work done in 2015. And, as every year, I would like to wish you good health above all, as we certainly will be able to settle anything else when working together.



*Prof. MUDr. Přemysl Strejč, 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 held its sessions in the calendar year of 2015 nine times. The sessions took place on 12<sup>th</sup> January, 9<sup>th</sup> February, 9<sup>th</sup> March, 13<sup>th</sup> April, 11<sup>th</sup> May, 8<sup>th</sup> June, 12<sup>th</sup> October, 9<sup>th</sup> November and 7<sup>th</sup> December.

Throughout the year, the Senate members were active in the affairs of the academic community and responded to them. They got and tackled a good number of applications and initiatives. In each of its sessions the Senate was informed about the current situation by the Dean of the Faculty. A crucial issue and important concern which the Senate discussed was the document of 9<sup>th</sup> December 2014, called Principles of distribution of grants and subsidies at Charles University. In the January session, a resolution was adapted, requesting that the management of Charles University should provide more information and documents about the draft Principles of distribution of grants and subsidies at Charles University for 2015, in particular specific figures that would enable a better idea of the impact of the said model of financing. It should be clear to what extent particular faculties will participate in the subsidy for the common benefit of Charles University. In the sphere of student affairs, we spoke in support of enhancement of students' interest activities, as recommended by the Legislation Board of the Academic Senate, which then informed student associations and clubs of possible widening of such support. The discussion about the Principles of distribution of grants and subsidies at Charles University then continued in the February session of the Senate. Further, the Academic Senate discussed and approved the proposed pattern of distribution of finance from the PRVOUK scheme, emphasizing support of those units that produce most RIV points and general effort to maintain scientific teams. In the March session, the Academic Senate discussed and approved the positive result of economic management of the First Faculty of Medicine in 2014. Then the discussion focused on the issues of academic studies at the Faculty. The report by the chairman of the board for evaluation of tuition by students in the academic year 2013–2014 was presented, which sounded favourable, and a report on student exchange stays and placements. The numbers of students stay unchanged. Transformation of the Erasmus programme to Erasmus

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

**Chairman:** Prof. MUDr. Přemysl Strejč, DrSc.

**Vice-Chairman:** MUDr. Miroslav Důra

#### Teachers' representatives:

Assoc. Prof. 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 Pafko, DrSc.

Prof. MUDr. Jiří Raboch, DrSc.

Prof. MUDr. Jan Roth, CSc.

Prof. MUDr. Karel Smetana, DrSc.

Prof. MUDr. Stanislav Štřípek, DrSc.

Assoc. Prof. MUDr. Petra Tesařová, CSc.

MUDr. Jan Živný, Ph.D.

#### Students' representatives:

MUDr. Lukáš Bajer

MUDr. Jiří Beneš Jr., Ph.D.

Hana Dittrichová

Michal Hodas

Jan Horejsek

Petra Kňážeková

Kristýna Kučerová

Natalie Malinová

PaedDr. Josef Marcoň

Assoc. Prof. MUDr. Ondřej Naňka, Ph.D.

Bára Malíková (since 11 January 2015)

Michal Španko

František Vaňásek

MUDr. Martin Vejražka, Ph.D.



Plus brought about some extra load in terms of administration and organization above all, which was connected with the revision of contracts. Further the Senate was informed about the numbers of students to be admitted for studies in the academic year of 2015–2016. The interest in studies at the Faculty keeps growing despite the sinking number of secondary school leavers. The Faculty, however, is not interested in increasing the number of students at the expense of quality of studies. The April session was visited by the Rector of Charles University, professor Zima, who emphasized quality as the main objective of the University. He also mentioned the need in transparency in preparation of the principles of distribution of finance, as specified by the Academic Senate of Charles University in its session of 9<sup>th</sup> February 2015, as well as in the letter to the Rector of Charles University by the Association of Medical Faculties. The May session of the Senate approved the 2015 budget of the First Faculty of Medicine as proposed. In the budget, there is an increase in the amounts for energies, maintenance and wages as well. Further, the Senate approved the proposal of the levels of bursaries in doctoral postgraduate study programmes at the First Faculty of Medicine in the academic year 2015–2016, which is based on the Scholarship Regulations of Charles University. Considering the unchanged number of students, the amounts of bursaries will be the same again. In the same session, the Academic Senate of the First Faculty of Medicine of Charles University also joined the proclamation of the Academic Senate of Palacký University, expressing the deep concern about the repeated refusal of the President of the Czech Republic to sign the letters of appointment for professors who had passed the appropriate procedures at their universities.

In the June session, the Senate approved the 2014 Annual Report of the First Faculty of Medicine of Charles University. As for the Logbook, the Faculty creates the conditions so that the minimum number of training procedures can be guaranteed and some more beyond to shape the students' professional profiles. It was also discussed that in some fields of medicine the access to all the required procedures may be difficult. Without entrance examination, the First Faculty of Medicine intends to admit 300 applicants for studies of general medicine with school-leaving grade average of 1.2 or better, and 25 applicants for studies of dentistry with grade average of 1.05 or better. The Academic Senate has approved the above proposal of the scheme of admission of new students for the academic year 2016–2017 and conditions of the entrance procedure for the academic year 2016–2017. In the session, the Dean's proposal to appoint a disciplinary board composed of academic staff and students was approved. After the summer holidays, the Senate's activity was resumed in the January session. It dealt again with the issues of finance and adopted a resolution requiring that the management of Charles University should inform the faculties about particular amounts of money allotted by the Ministry of Education, Youth and Sport for a respective faculty's output (number of students, quality, economic requirements) and how these funds are allotted to particular faculties and other university units and for the common benefit of Charles University. The new changed composition of the board for evaluation of tuition by students was approved. In the November session, the Academic Senate of the First Faculty of Medicine, to the Dean's proposal, decided on establishment of the clinical Department of Spondylosurgery of the First Faculty of Medicine at the Motol University Hospital on 1<sup>st</sup> January 2016. Further, the Senate expressed consent to the draft Conditions of Admission Procedure Regulations for Doctoral Study Programmes in the academic year 2016–2017 with the enclosed schedule of regular and additional terms of admission procedures as well as consent to the proposal of bursaries for outstanding progress in studies in the academic year 2014–2015. In the December session, the Academic Senate expressed its consent to the Long-term Strategy of the First Faculty of Medicine for the period of 2016–2020, incorporating the comments by the Dean's Office Board. This document is linked to the Long-term Strategy of Charles University and conceived after careful consideration of the Faculty's major activities and achievements. Further, to the Dean's proposal, the Senate thoroughly discussed and approved establishment of a new Faculty institution called BIOCEV, with the effect from 1<sup>st</sup> January 2016, and establishment of another Faculty unit called Centre of Advanced Preclinical Imaging, with the effect from 1<sup>st</sup> January 2016, both in accordance with the respective legal regulations. Eventually, the Senate recommended or approved prolongation and/or accreditation in all fields of studies as proposed. Members of the Academic Senate participated in boards for staffing the academic positions. Throughout the year the Senate discussed and approved some changes to internal regulations. Attendance at the sessions was very good.

The Academic Senate also responded to the events of 17<sup>th</sup> November with a statement. We find the happenings in the meeting at Albertov on 17<sup>th</sup> November 2015 undignified and inappropriate to the International Student Day. It is crucial that the celebrations of the anniversary of 17<sup>th</sup> November in coming years should respect the values of democracy, solidarity and freedom.

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. Alexi 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

– *Vice-Dean for Stomatology / Dentistry*

Prof. MUDr. Otomar Kittnar, CSc., MBA

– *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*  
 Assoc. Prof. PhDr. Michal Miovský, Ph.D.  
 – *Vice-Dean for Non-Medical Study Programmes*  
 Assoc. Prof. MUDr. Martin Vokurka, CSc.  
 – *Vice-Dean for Students' Affairs and Theoretical and Preclinical Education*  
 Prof. MUDr. Aleš Žák, DrSc.  
 – *Vice-Dean for Scientific Activities*

**Members of Dean's Office Board:**

Assoc. Prof. MUDr. Petr Bartůněk, CSc.  
 Prof. MUDr. Jan Betka, DrSc.  
 MUDr. Miroslav Důra  
 Assoc. Prof. 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 Strejc, DrSc.  
 Prof. MUDr. Jan Škrha, DrSc., MBA  
 MUDr. Martin Vejražka, Ph.D.

**SCIENTIFIC BOARD**

**Chairman:** Prof. MUDr. Aleksi Šedo, DrSc.

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.  
 (died on 24 August 2015)  
 Prof. MUDr. Jan Daneš, CSc.  
 Prof. MUDr. Pavel Dunjl, DrSc.  
 Prof. MUDr. Jana Dušková, DrSc.  
 Assoc. Prof. MUDr. René Foltán, Ph.D.  
 Prof. MUDr. Miloš Grim, DrSc.  
 Prof. MUDr. Zdeněk Hájek, DrSc.  
 Prof. MUDr. Tomáš Hanuš, DrSc.  
 Prof. MUDr. Otomar Kittnar, CSc., MBA  
 Prof. RNDr. Libuše Kolářová, CSc.  
 Prof. MUDr. Robert Lischke, Ph.D.  
 Prof. MUDr. Soňa Nevšimalová, DrSc.  
 Prof. MUDr. Hana Papežová, CSc.  
 Prof. MUDr. Karel Pavelka, DrSc.  
 Assoc. Prof. 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 Říhová, CSc.  
 Prof. MUDr. Antonín Sosna, DrSc.  
 Prof. MUDr. Štěpán Svačina, DrSc., MBA  
 Assoc. Prof. MUDr. Marek Šetina, CSc.  
 Prof. MUDr. Jiří Štork, CSc.  
 Assoc. Prof. MUDr. Jan Šváb, CSc.,  
 Prof. MUDr. Vladimír Tesař, DrSc., MBA  
 Prof. MUDr. Marek Trněný, CSc.  
 Prof. MUDr. Libor Vítek, PhD.  
 Prof. MUDr. Jiří Zeman, DrSc.  
 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.  
 Assoc. Prof. MUDr. Vojtěch Hainer, CSc.  
 Assoc. Prof. MVDr. Aleš Hampl, CSc.  
 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.  
 Prof. Ing. Rudolf Poledne, CSc.  
 Prof. MUDr. Martin Smrčka, Ph.D.  
 Prof. MUDr. Josef Syka, DrSc.  
 Prof. MUDr. Pavel Šlampa, CSc.  
 Assoc. Prof. MUDr. Jan Veverka, CSc.  
 Prof. Ing. Jiří Witzany, DrSc.



*Ing. Ivan Mikula, Ph.D.*

*Vice-Dean for Development of the Faculty*

While in the years before there were always some more or less extensive changes in organization patterns at the Faculty, such as establishment, merging or closing of scientific, educational and administrative units, 2015 did not see any changes at this level.

On the other hand, there was great development at the level of scientific research infrastructures. First of all, after many years, the structure and equipment of the new centre of excellence was finished, called **BIOCEV** – Biotechnological and biomedical centre of the Academy of Sciences and Charles University in Prague. This joint project of two faculties of the University (First Faculty of Medicine and Faculty of Science) and six institutes of the Academy was completed thanks to European structural funds above all, in particular the OP VaVpl operational programme for research, development and innovation, also substantially supported by about 2.3 billion Czech crowns from the government budget. More than one half of the money was invested in technological equipment of the Centre. Therefore, except for laboratories of research teams, another 6 service laboratories with top quality equipment were created at the Centre, which are able to provide their services to scientists from the Centre itself as well as from other scientific research institutions.

At the moment, 9 research groups are active at BIOCEV, which moved to Vestec from several institutes of the First Faculty of Medicine. Within the whole Centre, the First Faculty of Medicine occupies the total area of about 1,500 m<sup>2</sup>. During the five years when the project was implemented, the Faculty drew out nearly 50 million Czech crowns from the subsidy funds to equip the laboratories as well as to get the research teams ready to launch. From 2016 on, a new organization unit of the Faculty will be established, called 1 LF – BIOCEV.

Another big infrastructural project that moved ahead considerably last year is the **Albertov Campus**. This scientific centre of Charles University, to be built by our Faculty together with the Faculty of Science and the Faculty of Mathematics and Physics, had experienced many years of intensive preparations to specify the parameters and then progressed to opening the competition for the best architectural design, which will be completed in mid-2016. After the best design is chosen, the demanding process of creation of plans at all necessary levels will have to start, including all the other procedures involved, which should result in the choice of the building contractor and the real start of the construction in early 2020. Completion of the construction is planned for the end of 2021.

The last big infrastructure – in terms of expenses rather than importance, the total costs being nearly 140 million Czech crowns – is the **Centre of Advanced Preclinical Imaging (CAPI)**, which was successfully completed last year thanks to the subsidy from the European VaVpl operational programme, another from the government budget, and considerable support from the Faculty's own sources. The extremely tight deadline, given by the terms of the source of the subsidy, could only be met thanks to the enormous enthusiasm of the people involved in the project, both scientists and administrators, who really worked at full stretch.

The CAPI centre is the biggest independent infrastructural investment in science and research in the Faculty's modern history. At the same time, with its concept and equipment, it is one of the most modern and technologically advanced centres in the world nowadays.

Apart from the said big projects, a number of smaller ones were implemented in 2015, which, however, were not less important for the development of the Faculty, mainly from European structural funds of the just expiring programme period. These include, for example, the VaVpl projects **Development of Technological Support for Doctoral Programmes**, worth more than 40 million Czech crowns, and **Development of Research Capacities of Supported Science and Research Centres**, worth 13.3 million, or the project **Tumour Research Laboratories** at 16.5 million.

One contribution to the Faculty's development which must not be neglected although it cannot be seen so far was the extensive and meticulous preparation for the new period of European structural funds, particularly the operational programme Research, Development and Education (OP VVV), so far reflected in the document called Strategic Plan of Development of Charles University, which we hope to use as a source for development of the Faculty in the coming years in the aspects of science and research as well as education.



## Survey of changes of Heads of the Faculty units in 2015

Institution	New Head / Principal
Department of Infectious and Tropical Diseases at the Na Bulovce Hospital	MUDr. Hanuš Rozsypal, CSc.
Grant Department of the Dean Office	Kristýna Matějková, DiS.

## Number of scientific and educational staff between 2013 and 2015

	2013		2014		2015	
	actual number of staff	average converted	actual number of staff	average converted	actual number of staff	average converted
Total	1,691	741.963	1,691	741.963	2,398	1,203.635
Professors	154	102.169	159	103.662	166	108.212
Associate professors	177	112.714	182	112.065	186	109.833
Assistant professors	903	345.736	904	335.483	919	340.381
Assistants	128	39.657	129	40.452	136	39.313
Lecturers	60	18.234	66	19.079	76	20.315
Research staff	272	136.150	251	131.222	257	125.651

The actual number of staff is always stated by 31<sup>st</sup> December of the respective year

## Survey of composition of the staff in 2014–2015 by age

Age	Percentage	
	2014	2015
under 29 years	13.00	10.30
30–39 years	26.00	24.35
40–49 years	23.00	25.81
50–59 years	18.00	18.27
60 years and above	20.00	21.27



In 2015 the Scientific Board of the First Faculty of Medicine performed 7 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 6 proposals from the First Faculty of Medicine; all the proposals were approved and submitted to the Ministry of Education, Youth and Sports of the Czech Republic for further procedures. In 2015 the President of the Czech Republic appointed 10 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 10 habilitation procedures. In 2015, the Rector of Charles University appointed 8 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 between 1995 and 2015

	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
Professors	5	7	1	5	0	7	7	7	13	11	14	15	13	7	9	7	12	19	6	9	7
Associate Professors	8	11	14	12	3	10	15	16	16	16	18	17	17	17	12	18	7	16	18	15	10

## Professors appointed in 2015

Name, establishment	Field	Scientific Board of Faculty	Scientific Board of University	Appointed with the effect from
<b>Assoc. Prof. MUDr. Ondřej Šeda, Ph.D.</b> Institute of Biology and Medical Genetics of the First Faculty of Medicine and General University Hospital in Prague	medical biology and genetics	24 Feb 2015	30 Apr 2015	1 Nov 2015
<b>Assoc. Prof. MUDr. Tomáš Štopka, Ph.D.</b> Institute of Pathological Physiology of the First Faculty of Medicine; 1 <sup>st</sup> Medical Department of the First Faculty of Medicine and General University Hospital in Prague	pathological physiology	27 Jan 2015	26 Mar 2015	1 Nov 2015
<b>Assoc. Prof. MUDr. Mgr. Milan Jirsa, CSc.</b> Institute of Medical Biochemistry and Laboratory Diagnostics of the First Faculty of Medicine and General University Hospital in Prague; Institute of Clinical and Experimental Medicine	clinical biochemistry	31 Mar 2015	18 June 2015	1 Nov 2015
<b>Assoc. Prof. MUDr. Martina Vašáková, Ph.D.</b> Department of Pneumology of the First Faculty of Medicine and Thomayer Hospital	internal medicine	27 May 2014	27 Nov 2014	1 May 2015
<b>Assoc. Prof. MUDr. Petr Urbánek, CSc.</b> Medical Department of the First Faculty of Medicine and Military University Hospital Prague	internal medicine	25 Nov 2014	29 Jan 2015	1 May 2015
<b>Assoc. Prof. MUDr. Marie Kunešová, CSc.</b> Institute of Endocrinology; 4 <sup>th</sup> Medical Department of the First Faculty of Medicine and General University Hospital in Prague	internal medicine	21 Oct 2014	18 Dec 2014	1 May 2015

Name, establishment	Field	Scientific Board of Faculty	Scientific Board of University	Appointed with the effect from
<b>Assoc. Prof. Ing. Ol'ga Křižanová, DrSc.</b> Institute of Molecular Physiology and Genetics of Slovak Academy of Sciences, Bratislava	medical chemistry and biochemistry	30 Sep 2014	18 Dec 2014	1 May 2015
<b>Assoc. Prof. MUDr. Tomáš Paleček, Ph.D.</b> 2 <sup>nd</sup> Department of Medicine of the First Faculty of Medicine and General University Hospital in Prague	internal medicine	24 June 2014	18 Dec 2014	1 May 2015
<b>Assoc. Prof. MUDr. Petr Štádler, Ph.D.</b> 2 <sup>nd</sup> Department of Surgery – Clinical Department of Cardiovascular Surgery of the First Faculty of Medicine and General University Hospital in Prague; Na Homolce Hospital	surgery	29 Apr 2014	25 Sep 2014	1 May 2015
<b>Assoc. Prof. MUDr. David Kužel, CSc.</b> Department of Gynaecology and Obstetrics of the First Faculty of Medicine and General University Hospital in Prague	gynaecology and obstetrics	24 June 2014	27 Nov 2014	1 May 2015

## Associate Professors appointed in 2015

Name, establishment	Field	Title of the thesis	Defended at Scientific Board of the Faculty	Appointed with the effect from
<b>MUDr. Ondřej Beran, Ph.D.</b> Department of Infectious and Tropical Diseases of the First Faculty of Medicine and Na Bulovce Hospital; Department of Infectious Diseases of the First Faculty of Medicine and Military University Hospital Prague	infectious diseases	Importance of biomarkers in pathophysiology and diagnosis of some selected infectious diseases	21 Oct 2014	1 Jan 2015
<b>MUDr. Petra Lišková, Ph.D.</b> Institute of Inherited Metabolic Disorders of the First Faculty of Medicine and General University Hospital in Prague	medical biology and genetics	Molecular genetic study into distal dystrophies of the cornea	25 Nov 2014	1 Jan 2015
<b>MUDr. Daniela Fischerová, Ph.D.</b> Department of Gynaecology and Obstetrics of the First Faculty of Medicine and General University Hospital in Prague	gynaecology and obstetrics	Implementation of ultrasound in oncogynaecology	24 Feb 2015	1 May 2015
<b>MUDr. Hana Malíková, Ph.D.</b> Na Homolce Hospital; Institute of Anatomy of the Second Faculty of Medicine; Czech Technical University; First Faculty of Medicine	radiology	Scope of MRI in post-operative observation of patients surgically treated for mesial temporal epilepsy	28 Apr 2015	1 July 2015
<b>MUDr. Tomáš Hucl, Ph.D.</b> Institute of Clinical and Experimental Medicine; 4 <sup>th</sup> Department of Medicine of the First Faculty of Medicine and General University Hospital in Prague	internal medicine	Signal pathway of Fanconi anaemia and pancreas carcinoma	26 May 2015	1 Aug 2015
<b>PhDr. et PhDr. Radek Ptáček, Ph.D.</b> Department of Psychiatry of the First Faculty of Medicine and General University Hospital in Prague; Institute for Further Education in Medicine; University New York in Prague; Faculty of Arts and Philosophy of Charles University	medical psychology	Variability of manifestations of ADHD in childhood	23 June 2015	1 Aug 2015
<b>MUDr. Viktor Soukup, Ph.D.,</b> Department of Urology of the First Faculty of Medicine and General University Hospital in Prague	urology	Scope of modern detection and establishing the prognosis in urothelial carcinoma of urinary bladder	22 Sep 2015	1 Nov 2015
<b>MUDr. Pavel Klener, Ph.D.</b> Institute of Pathological Physiology of the First Faculty of Medicine and General University Hospital in Prague; 1 <sup>st</sup> Department of Medicine of the First Faculty of Medicine and General University Hospital in Prague	internal medicine	Mantle cell lymphoma: present state of knowledge and own results of Preclinical and clinical research	20 Oct 2015	1 Dec 2015

## PROCEDURES FOR APPOINTMENT TO PROFESSOR POSTS AT THE SCIENTIFIC BOARD OF THE FIRST FACULTY OF MEDICINE OF CHARLES UNIVERSITY IN 2015



**Assoc. Prof. MUDr. Tomáš Stopka, Ph.D.**

Institute of Pathological Physiology of the First Faculty of Medicine of Charles University;  
1<sup>st</sup> Department of Medicine the First Faculty of Medicine of Charles University

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

Scientific Board of the First Faculty of Medicine on 27 January 2015

Title of the lecture: Pathophysiology of haemopoiesis and selected mechanisms of haematologic diseases

Scientific Board of Charles University on 26 March 2015

*Appointed with the effect from 1 November 2015*

**Assoc. Prof. MUDr. Ondřej Šeda, Ph.D.**

Institute of Biology and Medical Genetics of the First Faculty of Medicine and the General University Hospital in Prague

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

Scientific Board of the First Faculty of Medicine on 24 February 2015

Title of the lecture: Functional and Integrative Genomics of Multifactorial Traits

Scientific Board of Charles University on 30 April 2015

*Appointed with the effect from 1 November 2015*

**Assoc. Prof. MUDr. Mgr. Milan Jirsa, CSc.**

Institute of Medical Biochemistry and Laboratory Diagnostics of Charles University in Prague - the First Faculty of Medicine, and the General University Hospital

Appointment procedure in the field of **clinical biochemistry**

Scientific Board of the First Faculty of Medicine on 31 March 2015

Title of the lecture: From Rotor type hyperbilirubinaemia to new ways of liver chromosecretion

Scientific Board of Charles University on 1 November 2015

**Assoc. Prof. MUDr. Pavel Dundr, Ph.D.**

Institute of Pathology of the First Faculty of Medicine and the General University Hospital in Prague

Appointment procedure in the field of **pathology**

Scientific Board of the First Faculty of Medicine on 31 March 2015

Title of the lecture: Importance of modern investigation methods in pathology

Scientific Board of Charles University on 27 November 2015

**Assoc. Prof. MUDr. Jaromír Mašata, CSc.**

Department of Obstetrics and Gynaecology, First Faculty of Medicine, Charles University in Prague and General University Hospital in Prague

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

Scientific Board of the First Faculty of Medicine on 28 April 2015

Title of the lecture: Possibilities of monitoring of the effect of new surgical methods for treatment of stress bladder incontinence

Scientific Board of Charles University on 22 October 2015

**Assoc. Prof. MUDr. Jiří Chomiak, CSc.**

Department of Orthopaedics of the First Faculty of Medicine and Na Bulovce Hospital

Appointment procedure in the field of **orthopaedics**

Scientific Board of the First Faculty of Medicine on 23 June 2015

Title of the lecture: Arthrogryposis multiplex congenita: Basic principles of treatment and restoration of flexion of the elbow joint through transfer of part of m. pectoralis major

Scientific Board of Charles University on 22 October 2015

**Assoc. Prof. MUDr. Eva Králíková, CSc.**

Institute of Hygiene and Epidemiology of the First Faculty of Medicine and the General University Hospital in Prague;

3<sup>rd</sup> Department of Medicine of the First Faculty of Medicine  
and the General University Hospital in Prague;

ICRC, St. Anna Hospital

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

Scientific Board of the First Faculty of Medicine on  
22 September 2015

Title of the lecture: Treatment of tobacco dependence in  
the Czech Republic

Scientific Board of Charles University on 25 February 2016

## HABILITATION PROCEDURES TO APPOINT ASSOCIATE PROFESSORS, PASSED IN THE SCIENTIFIC BOARD OF THE FIRST FACULTY OF MEDICINE IN 2015

### **MUDr. Daniela Fischerová, Ph.D.**

Department of Obstetrics and Gynaecology, First Faculty  
of Medicine, Charles University in Prague and General  
University Hospital in Prague

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

Scientific Board of the First Faculty of Medicine  
on 24 February 2015

Title of the lecture: Use of ultrasound in oncogynecology  
*Appointed with the effect from 1 May 2015*

### **MUDr. Hana Malíková, Ph.D.**

Na Homolce Hospital;

3<sup>rd</sup> Department of Medicine of the First Faculty of Medicine  
and the General University Hospital in Prague;

Institute of Anatomy of the Second Faculty of Medicine of  
Charles University in Prague;  
Czech Technical University

Habilitation procedure in the field of **radiology**

Scientific Board of the First Faculty of Medicine on  
28 April 2015

Title of the lecture: Scope of magnetic resonance imaging  
in post-operative observation of surgically treated patients  
after mesial temporal epilepsy

*Appointed with the effect from 1 July 2015*

### **MUDr. Tomáš Hucl, Ph.D.**

4<sup>th</sup> Department of Medicine - Department of  
Gastroenterology and Hepatology, First Faculty of  
Medicine, Charles University in Prague and General  
University Hospital in Prague

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

Scientific Board of the First Faculty of Medicine  
on 26 May 2015

Title of the lecture: Signal pathway of Fanconi anaemia:  
function, therapeutic potential, pancreas carcinoma

*Appointed with the effect from 1 August 2015*

### **PhDr. et PhDr. Radek Ptáček, Ph.D.**

Department of Psychiatry of the First Faculty of Medicine  
and the General University Hospital in Prague;

University New York in Prague;

Faculty of Arts and Philosophy of Charles University;  
Institute of Further Education in Health

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

Scientific Board of the First Faculty of Medicine  
on 23 June 2015

Title of the lecture: Variability of ADHD in childhood  
*Appointed with the effect from 1 August 2015*

### **MUDr. Viktor Soukup, Ph.D.**

Department of Urology of the First Faculty of Medicine and  
the General University Hospital in Prague

Habilitation procedure in the field of **urology**

Scientific Board of the First Faculty of Medicine  
on 22 September 2015

Title of the lecture: Modern endoscopic and non-invasive  
detection of urinary bladder carcinomas

*Appointed with the effect from 1 November 2015*

### **MUDr. Pavel Klener, Ph.D.**

1<sup>st</sup> Department of Medicine of the First Faculty of Medicine  
and the General University Hospital in Prague;

Institute of Pathological Physiology of the First Faculty of  
Medicine

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

Scientific Board of the First Faculty of Medicine  
on 20 October 2015

Title of the lecture: Mantle cell lymphoma: present state  
of knowledge and own results of Preclinical and clinical  
research

*Appointed with the effect from 1 December 2015*

### **MUDr. Petr Schalek, Ph.D.**

Department of Otorhinolaryngology of the Second Faculty  
of Medicine of Charles University and the Královské

Vinohrady Teaching Hospital

Habilitation procedure in the field of **otorhinolaryngology**

Scientific Board of the First Faculty of Medicine  
on 20 October 2015

Title of the lecture: Quality of life in acute rhinosinusitis sufferers  
*The procedure was suspended by the Scientific Board of Charles  
University – the First Faculty of Medicine*

*on 20 October 2015*



**MUDr. Jakub Závada, Ph.D.**

Department of Rheumatology of the First Faculty of Medicine and Institute of Rheumatology  
 Habilitation procedure in the field of **internal medicine**  
 Scientific Board of the First Faculty of Medicine  
 on 24 November 2015  
 Title of the lecture: Importance of registers of biologic treatment for observation of safety and efficiency of biologic treatment in inflammatory rheumatic diseases  
*Appointed with the effect from 1 January 2016*

**MUDr. Vladimír Beneš, Ph.D.**

Neurosurgical and Neurooncological Department of the First Faculty of Medicine and the Military University Hospital Prague;  
 Neurosurgical Department of the Regional Hospital Liberec  
 Habilitation procedure in the field of **neurosurgery**  
 Scientific Board of the First Faculty of Medicine  
 on 15 December 2015  
 Title of the lecture: Intramedullary tumours: Factors influencing the prognosis of intramedullary astrocytoma  
*Appointed with the effect from 1 March 2016*

**MUDr. Eva Zavadová, CSc.**

Department of Oncology of the First Faculty of Medicine and the General University Hospital in Prague  
 Habilitation procedure in the field of **medical immunology**  
 Scientific Board of the First Faculty of Medicine  
 on 15 December 2015  
 Title of the lecture: Immunologic investigation of the oncologically ill  
*Appointed with the effect from 1 March 2016*

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	till 1 Nov 2019	till 1 Nov 2019
Anesthesiology and resuscitation	till 31 May 2018	–
Dermatovenereology	till 31 Jan 2020	till 31 Jan 2020
History of medicine	till 31 July 2022	till 31 July 2022
Gynaecology and obstetrics	till 31 Dec 2023	till 31 Dec 2023
Hygiene and epidemiology	till 1 Nov 2019	till 1 Nov 2019
Surgery	till 1 Nov 2023	till 1 Nov 2023
Infectious diseases	till 31 Dec 2023	till 31 Dec 2023
Cardiosurgery	till 31 May 2022	till 31 May 2022
Clinical biochemistry	till 1 Nov 2019	till 1 Nov 2019
Medical biophysics	till 31 Dec 2023	till 31 Dec 2023
Medical biology and genetics	till 1 Nov 2019	till 1 Nov 2019
Medical chemistry and biochemistry	till 31 Dec 2023	till 31 Dec 2023
Medical pharmacology	till 1 Nov 2019	till 1 Nov 2019
Medical physiology	till 31 Dec 2023	till 31 Dec 2023
Medical immunology	till 1 Nov 2019	till 1 Nov 2019
Medical informatics	till 1 Nov 2019	till 1 Nov 2019
Medical microbiology	till 1 Nov 2019	till 1 Nov 2019
Medical psychology	till 1 Nov 2019	till 1 Nov 2019
Neurosurgery	till 30 Nov 2019	till 30 Nov 2019
Neurology	till 31 Dec 2023	till 31 Dec 2023
Nuclear medicine	till 31 Mar 2017	till 31 Mar 2017
Ophthalmology	till 1 Nov 2023	till 1 Nov 2023
Oncology	till 1 Nov 2019	till 1 Nov 2019



<b>Specialty:</b>	<b>Right to perform habilitation procedures:</b>	<b>Right to perform procedures to appoint professors:</b>
Orthopaedics	till 1 Nov 2023	till 1 Nov 2023
Otorhinolaryngology	till 1 Nov 2019	till 1 Nov 2019
Pathological physiology	till 1 Nov 2019	till 1 Nov 2019
Pathology	till 31 Jan 2020	till 31 Dec 2023
Paediatrics	till 1 Nov 2019	till 1 Nov 2019
Occupational medicine	till 31 Dec 2023	till 31 Dec 2023
Psychiatry	till 1 Nov 2019	till 1 Nov 2019
Radiology	till 31 Dec 2023	till 31 Dec 2023
Rehabilitation medicine	till 31 May 2018	–
Sexology	till 31 Jan 2020	till 31 Jan 2020
Forensic medicine	till 1 Nov 2019	till 1 Nov 2019
Stomatology	till 31 Jan 2020	till 31 Dec 2023
Urology	till 1 Nov 2023	till 1 Nov 2023
Internal medicine	till 1 Nov 2023	till 1 Nov 2023



## EDUCATION

### FIELDS OF STUDIES

At present, the First Faculty of Medicine of Charles University in Prague 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;
- Bachelor studies in the study programme Midwifery in the field of midwifery;
- 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; specialist nutritional therapy.

The programmes of general nursing, addictology, nutritional therapy and specialist 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 paying international students.

The Faculty plays a distinctive role in post-graduate certification training as well as in supervising Ph.D. doctoral studies in cooperation 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.



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

### ORGANIZATION OF STUDIES

The study at the Faculty 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 COOPERATION WITH PROSPECTIVE STUDENTS

New students for the academic year 2015–2016 were admitted to the programmes of General medicine and Dentistry by the scores of written tests in physics, chemistry and biology. This time first, results of the applicants' secondary school studies were taken into consideration through bonus points for taking Czech and mathematics throughout the secondary studies with the marks "excellent" or "very good". Some of the students were admitted to the programmes of General medicine and Dentistry on the basis of excellent study results of their secondary education, without doing the entrance tests. There were 4,684 applications for the entrance procedure for the studies of general medicine and dentistry, and 2,348 applications for other Master programmes and Bachelor programmes. Without the entrance tests, 331 applicants were admitted to study general medicine (those with average secondary school marks at 1.15 or below) and 30 applicants to study dentistry (with average secondary school marks at 1).

Recently, the entrance tests for bachelor degrees and follow-up masters were only in biology, or possibly in the knowledge of subjects of the previous bachelor degree studies. In some fields of studies, previous practice in the field was appreciated besides the test results and given extra points, or additional tests and additional interviews were applied to assess the applicants' special knowledge and/or motivation and personal suitability (e.g. in applicants for studies of addictology).

Within the term provided by law, the Faculty received 218 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 9<sup>th</sup> January 2015, 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)
2011–2012	general medicine	2,694	1,841	649	151	300	50.33 %	166	9.02 %	22.72 %
	dental medicine	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 %
	dental medicine	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 %
	dental medicine	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 %
	dental medicine	1,134	851	55	287	300	95.66 %	36	4.23 %	4.44 %
	total	4,714	3,321	524				125	3.76 %	4.45 %
2015–2016	general medicine	3,550	2,461	416	193	310	62.26 %	125	5.08 %	6.20 %
	dental medicine	1,129	849	43	246	310	95.66 %	36	4.12 %	4.26 %
	total	4,684	3,310	459				160	4.83 %	5.64 %

### 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 Preclinical subjects.

#### Theoretical and Preclinical studies

In 2015, the following changes and innovations occurred in theoretical and Preclinical studies:

The use of **simulation methods in tuition** was intensified. The Simulator Centre at the **Institute of Physiology** was opened, and all 2<sup>nd</sup> year students experience this type of tuition. Apart from the Institute of Physiology, simulation methods are used in tuition by some other institutes, such as the Institute of Pathological Physiology; Department of Anaesthesiology, Resuscitation and Intensive Care; the 3<sup>rd</sup> Department of Medicine; the 1<sup>st</sup> Department of Surgery, and – taking the students' new experience – the use of models can be deepened and intensified.

The **Institute of Biophysics and Informatics** performed the testing of input knowledge with the objective of creation of new e-learning materials. In the academic year of 2014–2015, another set was created to test the secondary-school knowledge of physics, comprising all the basic fields of physics. The book *Basic physics for medical and health fields* was published. It deals in more detail with the basics of physics that are necessary to understand the physical processes that occur in the human body and the physical phenomena that the diagnostic investigation methods are based on.

The **Institute of Biology and Medical Genetics** extended the use of testing in the ROGO programme with the newly introduced test in cytogenetics. In the classes of population genetics, the students can make use of the new software that enables to model the gene drift in real time. The most important action was compilation of the *Atlas of pathologic karyotypes*, which is available on the web now. The Institute intensively communicates with students through its Facebook presentation and some teachers continue creating and supervising the articles in WikiLectures.

The **Institute of Inherited Metabolic Disorders** develops education in elective subjects, focused above all on scientific and research work in a laboratory, such as work with cell cultures, confocal microscopy and structural biology, and co-operates in tuition with the Faculty of Science.

The **Institute of Immunology and Microbiology** introduced a new elective subject called Allergology in practice. Practical microbiology classes were adjusted to students' needs by provision of new equipment and use of new methods in microbiological training and to facilitate the work of postgraduate students.

The **Institute of Medical Biochemistry and Laboratory Diagnostics** prepared a survey of the cycle of 12 lectures on neurobiology of memory, also available for students of psychology (from the Faculty of Arts and Philosophy) and neuropharmacology.

The **Institute of Pathological Physiology** published a book of test questions, both in the Czech and English version. In the academic year 2014–2015, it began using the simulation centre at the Institute of Physiology for all of its students.



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

## CLINICAL TEACHING

In the aspect of clinical teaching, 2015 was a considerable year as an extensive discussion about the Logbook of Practical Skills for the Faculty students took place. It resulted in re-edition and printing of a new Logbook that comprises not only obligatory but now also facultative interventions for students to master, and the list can be extended as desired according to the periodically updated offer at the Faculty's website. Designations of the interventions are given in both Czech and English languages. Clinical departments keep focused on improvement of the teaching premises, including the training simulators, and updating of e-learning programmes and/or texts for learning. Introduction of a new clinical subject, Spinal surgery, in in the pipeline, and the Faculty management dealt with the student initiative requiring a new core subject Paediatric propaedeutics, and with the proposal by the Institute of Sports Medicine to re-introduce their subject as a core one.

The Institute of Anatomy gets engaged in clinical education too, teaching the course of Clinical topographic anatomy for the 4<sup>th</sup> year students, and the lectures on anatomy are displayed on the Faculty's learning portal, the Institute's website and the portal [terminologia-anatomica.org](http://terminologia-anatomica.org).

At the Department of Dermatology and Venereology at the General University Hospital in Prague, their electronic multimedia atlas of dermatovenereology was upgraded and two classrooms were refurbished, using the finance from the Fund of Development of Schools of Higher Education.

The Department of Phoniatics refurbished its lecture hall, and the Institute of Physiology in cooperation with Department of Anaesthesiology, Resuscitation and Intensive Medicine created an advanced course (VETRAM) of artificial lung ventilation in ARDS for anaesthetists and intensive care specialists. They opened a new simulator classroom for training on simulators at the Faculty and have been developing new syllabi for practical training in such classrooms.

At the Department of Geriatrics, students of English parallel classes are informed about learning materials of international

professional associations EUGMS and AGS (American Geriatrics Society). The Department also secures tuition for the Third-age University and its Club of Alumni, which means about 200 students and/or alumni each year.

1<sup>st</sup> Department of Surgery at the General University Hospital in Prague organizes activity clubs for undergraduate students to enable an extended scope of training in surgical techniques on laparoscopic simulators.

At the Department of Surgery at Thomayer Hospital, reconstruction of the extension to the clinical part with the new archive, secretary office, offices of the management and two new seminar rooms for teaching. Training in the subject that is in most demand by the students – practical training in suturing and knotting on porcine models – is carried on.

At the Department of Surgery at Na Bulovce Hospital, training of technical skills on laparoscopic simulators was continued throughout 2015.

At the 2<sup>nd</sup> Department of Surgery – Department of Cardiovascular Surgery at General University Hospital in Prague, 12 undergraduate students are active in the surgical activity club. New teaching aids were introduced – specially adjusted cases where vascular and cardiosurgical replacements are clearly arranged.

At its premises in the General University Hospital in Prague, the Department of Anaesthesiology, Resuscitation and Intensive Care offers undergraduate students courses in experiences medicine and another experiences course through interactive workshops – Perioperative skills – is meant for students of parallel English classes. The Department of Anaesthesiology, Resuscitation and Intensive Care at another teaching hospital – the Military University Hospital Prague – offers students the elective core subject Medicine in emergency and critical situations, and a simulation centre is used for interactive learning.

The Department of Infectious and Tropical Diseases at the Na Bulovce Hospital published two new textbooks – *Basic medicine for infectious diseases* by H. Rozsypal and *Basic modern venereology* by J. Záhumenský, D. Jilich and D. Vaňousová.

The 2<sup>nd</sup> edition of the monograph *Clinical neurology* by V. Tesař and O. Viklický, authors from the Department of Nephrology at the General University Hospital in Prague, was nominated for the J. E. Purkinje Czech Medical Society award.

At the Department of Otorhinolaryngology at the Motol University Hospital, 6 international students were on placement with the International Federation of Medical Student's Associations (IFMSA).

The Department of Ophthalmology at the Military University Hospital Prague published two textbooks: *Optic coherence tomography – A clinical atlas of retinal pathologies* by P. Němec et al. and *Phacoemulsification* by J. Pašta, P. Mašek et al.

The Department of Urology at the General University Hospital in Prague published a voluminous collection of articles to commemorate the 40<sup>th</sup> anniversary of establishment of this clinical department. It describes the history of all branches of urology at the Faculty. From the VaVpl programme, the Department gained a digital laparoscopic simulator for undergraduate tuition and videoconference connection between the Department's operating theatres and its lecture hall in order to enable live translation of surgeries for students. Further, the new textbook *Urology for medical students* and an educational DVD *Prostate carcinoma* for residents were published. Practical training of catheterization of male and female manikins was introduced as well as investigation of residual urine by ultrasound. Again the course of surgical suture was organized for students in parallel English classes.

In grant projects and special molecular diagnostics, the Institute of Biochemistry and Experimental Oncology keeps up close cooperation with other institutes of the General University Hospital in Prague, such as the Department of Oncology, the Institute of Biology and Medical Genetics, and the tumour research laboratory of the Institute of Pathology. The monograph *Glioma cell biology* by A. Šedo and R. Mentlein received the 2015 Bedřich Hrozný Award for the creative initiative of the year, the prize of the committee of the J. E. Purkinje Czech Medical Society, and the prize of the presidium of the Czech Oncological Association of the J. E. Purkinje Czech Medical Society.

The Institute of Biology and Medical Genetics continues developing electronic testing, using the ROGO system ([www.rogo.cz](http://www.rogo.cz)). During the last year, the test in cytogenetics was transformed into electronic form. In tuition of population genetics, students have the possibility to use novelty software that enables to model the gene drift in real time. Communication with students has been developing through the Institute's Facebook presentation at <https://www.facebook.com/1.LF.UK>. The most important activity of the Institute was compilation of the atlas of pathologic karyotypes: <http://www.wikiskripta.eu/atlas-patologickych-karyotypu> (1. LF UK).

At the Institute of Immunology and Microbiology, the fourth edition of the book *Mucosal Immunology* by J. Městecký appeared, published in USA at Academic Press/ Elsevier in two volumes with the total of more than 2,600 pages.

The staff of the Institute of Nuclear Medicine (K. Kupka, J. Kubinyi, M. Šámal) published the updated textbook *Nuclear Medicine: Learning materials for examination in nuclear medicine at the First Faculty of Medicine*.

The Institute of Sports Medicine displayed the new learning programmes for all three elective core subjects on the public server [ulozto.cz](http://ulozto.cz) as they are really voluminous.

In clinical education, the management of the First Faculty of Medicine monitors and evaluates the ratio of practical bedside training and seminar tuition, and deals with suggestions from the teachers concerning the lack of appropriate sanctions for unauthorized absences or delayed apologies in exams, above all, in State Exams.

## Students – Czech nationals

Branch	1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	4 <sup>th</sup> year	5 <sup>th</sup> year	6 <sup>th</sup> 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
<b>Total</b>	<b>691</b>	<b>675</b>	<b>567</b>	<b>397</b>	<b>332</b>	<b>240</b>	<b>2,902</b>

## International students (plus paying students plus study stays)

Branch	1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	4 <sup>th</sup> year	5 <sup>th</sup> year	6 <sup>th</sup> year	total
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
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
<b>Total (+ paying students + study stays)</b>	<b>192</b> <b>(+ 115 + 43)</b>	<b>179</b> <b>(+ 158 + 0)</b>	<b>120</b> <b>(+ 114 + 3)</b>	<b>96</b> <b>(+ 90 + 10)</b>	<b>83</b> <b>(+ 93 + 21)</b>	<b>68</b> <b>(+ 80 + 1)</b>	<b>738</b> <b>(+ 650 + 78)</b>



## 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	–
<b>Total</b>	<b>622</b>	<b>172</b>

Number of students (by 31<sup>st</sup> 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
Master – Occupational therapy	–	–	–	–	19/–
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



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

### STUDIES IN DENTISTRY

Like in the years before, the interest to enter the studies in dentistry in the academic year 2015–2016 was enormous. With 1,129 applications mailed in, 30 applicants with average secondary school marks at 1.0 were admitted to study without the entrance tests, and another 28 who achieved the test score of 250 or above (out of 310). Further, 22 students enrolled for the studies in English.

Tuition of Preclinical dental disciplines, which are scheduled in the 1<sup>st</sup> and 2<sup>nd</sup> year, takes place in three simulator classrooms, clinical dental subjects in training rooms at the premises of the Department of Stomatology in the building shared with the Dean Office, and general medical disciplines are taught at the premises of the General University Hospital in Prague, University Hospital Motol and the Military University Hospital Prague.

In 2015, the dental clinical training continued in the form it had taken in the 2012–2013 reform, and this form of training, focused on complex dental care, was considerably intensified thanks both to continuous improvements of equipment at the training premises and effective allotment of teaching hours to specific years in the curriculum. For the training of students, in particular those in their 5<sup>th</sup> year, an adequate number of suitable and 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.



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

### EDUCATION IN NON-MEDICAL HEALTH CARE FIELDS

During 2015, the sphere of non-medical health fields at the First Faculty of Medicine saw a number of important shifts and changes. The Faculty ventured on rather hard internal evaluation of these fields and thoroughly appraised their efficiency and prospects, as the growing dispute about financing of the tuition and particular fields of studies leads to reconsideration and more critical approach in general. It proved that in future it would be rather difficult for the Faculty to continue running so many “small” study fields and some of them are financially hardly sustainable due to absence of the combined form of studies. The discussion was also influenced by the excited atmosphere around the issues of the considered potential changes in nursing education, dealt with at the Ministry of Education, Youth and Sport as well as the Parliament of the Czech Republic. At the Faculty level, this process so far resulted in suspension of admission of new students of nursing to the full-time form of Bachelor studies and in launching the discussion about possible changes to the present Concept of Non-medical Study Fields,

to be in force till 2019. At the same time, the obligation of consequent evaluation of development in economic criteria was taken. More thorough analysis of this level of studies should be performed and their follow-up Master programmes should be further developed. The said analysis should focus on the scientific output and efficiency, including the potential for further development of these fields – at the international level as well. Thereby we, on one hand, follow the long-term project of Charles University in Prague, and on the other hand we critically consider to what degree and extent the First Faculty of Medicine can implement it with such a wide scope of study fields as we recently possess. Therefore, in non-medical fields we put more emphasis on continuity of education, which means interconnection of the lower and higher levels, and focus on those higher levels of health education as well as on closer integration of education with science and research activities. For all newly accredited fields we really opened the respective study programmes and admitted the first students in the academic year 2015–2016. Specifically, these are the follow-up Masters programmes of Occupational therapy and Nutritional therapy. The programme of Physiotherapy has entered the final stage of the accreditation procedure and we consider launching it in the academic year 2016–2017 or one year later.

After several years, the planned opening of the new Bachelor programme of Midwifery was successful. In the academic year 2015–2016 we admitted the first students of this field. This meant successful implementation of the original plans and concepts of 2008 and 2012, and the portfolio of non-medical fields at the Faculty can be considered as completed for the time being. To that effect, we keep up continuity, working on three topics of priority in the whole sphere of non-medical health education. The first is the said emphasis on promotion of quality in clinical training and stronger connection with science and research, with increased efficiency in the area of science above all. The piloting programme, in this case, is the doctoral (PhD) programme of Addictology. The second hot topic is the above mentioned stress on economization in tuition of non-medical health professions and also its rationalization in terms of personnel and technology. One example of successful solution in this field is rationalization and improvement of tuition in Mariánské Lázně, where as early as 2014 a considerable improvement was made thanks to joint effort of the managements of the Faculty and the spa, which will be a benefit for students and teachers in the fields of Physiotherapy and Nutritional therapy. We continued this achievement in 2015 as well. So for 2016 the main task to do will be evaluation of scientific production and development of non-medical health professions trained at our Faculty, and promotion of their status in the sphere of science and its integration in education. This also comprises the stronger emphasis on internationalization and providing conditions for studies of international students at the Faculty in any of non-medical fields as well.



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

#### **TUITION OF PAYING INTERNATIONAL STUDENTS**

In 2015, 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 medical school.

The proportion of our full-time students coming from particular continents is visualised in the enclosed chart. An overwhelming majority are students from European countries, whose number has dramatically increased thanks to the Faculty's standing efforts aimed at drawing attention to the Faculty in EU countries, including our presentations at international events organized to highlight the possibilities of university-level education in Europe, but also 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 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 for the perspective students.

In 2015, 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 2015 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 cooperation between the students' organization and the Department of Students' Affairs was intensified, which considerably enhances the quality of our presentations abroad and facilitates the start of studies for the fresh first-year students, when more experienced colleagues come to their assistance and help them to get oriented at the Faculty in the first days of the term. Moreover, they set up a consulting board for the first year students to assist them throughout the academic year in orientation to the system of studies as well as to cultural differences between their home countries and the Czech Republic. The board issued a special brochure for the fresh students as a permanent aid in these problems.



### ELECTRONIC SUPPORT OF TUITION

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.

A great asset to medical education, and now also for education of the public and reputation of the Faculty, is the project called WikiSkripta (<http://www.wikiskripta.eu>), or in the English version WikiLectures (<http://www.wikilectures.eu>). At present, it is the most employed tool for electronic support of undergraduate medical education in the Czech Republic. It is frequented not only by students of our Faculty but also by students of other medical schools, young doctors and students of allied fields. Another considerable asset of this project consists in attracting talented students and promoting their active engagement in the process of education. Working on WikiSkripta, the students get systematically trained in skills that are necessary to create and complete professional texts, critical evaluation of information and evidence-based medicine. A community has been in formation, including alumni who keep up the contact with their old school.

A great number of electronic and audiovisual learning materials are continuously created at the First Faculty of Medicine. The access is via the learning portal of the Faculty (<http://portal.lf1.cuni.cz>). For creation and management, authors and teachers use the user-friendly Adobe Connect (<https://el.lf1.cuni.cz>) above all, and also LMS Moodle system (<https://moodle.cuni.cz>). Further, the First Faculty of Medicine of Charles University also founded and has been running the electronic storage of medical videos (<http://www.medicalmedia.eu>), which enables to store even clinically confidential materials and open them safely to medical students.

In the past few years, the support for electronic testing as well as methodology of reproducible, objective and fair evaluation of knowledge and skills has been growing. In this sphere, the Faculty is one of the leaders again, and in addition to issuing methodological guidelines, we have implemented, localized and supported the top quality testing system by the University of Nottingham – Rogo (<http://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 addictologists, physiotherapists, occupational therapists, laboratory staff or educationalists).

#### Specialty training of doctors and dentists

In 2015, in keeping with the required rotation between the seven medical schools in the country, compulsory specialty courses were provided in all of the specialties that are a prerequisite for completion of the core training or admission to the specialty attestation exam.

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 15<sup>th</sup> December 2015, the total number of 1,657 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 165 courses prepared at all the schools, 30 courses (taking from 1 to 15 days) were implemented at the First Faculty of Medicine, and these were attended by 694 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, five courses had to be cancelled.

Specialty attestation exams, too, were organized on the rotation basis in 19 various specialties, in 3 specialties in both terms of the year. The total of 212 doctors enrolled for the oral and practical part of the specialty attestation exam, and 174 of them passed while 22 failed and the rest apologized. Most doctors passed the exams in orthopaedics and traumatology of the locomotor system, anaesthesiology and intensive medicine, surgery, endocrinology and diabetology, and cardiology.

Survey of compulsory specializing courses and seminars of Life-long Education and specialty attestation exams at the First Faculty of Medicine in 2015

	Specializing courses	Attestation exams
Number of events	30	22
Number of participants	694	174

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

In 2015, the total of 111 courses of life-long education were implemented, attended by 5,934 persons. These included 1,629 participants at courses and seminars, including clinical seminars for doctors and 12 events for non-medical professionals which were held at the departments and institutes of the First Faculty of Medicine as well as courses focused on development

of teaching skills for teachers of the Faculty (43 participants). Another 52 educational events for 4,103 physicians of various profiles were implemented in cooperation with commercial subjects. Four courses were cancelled due to lack of participants.

Participants of all above mentioned educational events are given certificates of participation with the respective number of credit points 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, and the Ministry of Education, Youth and Sport.

Survey of courses and seminars of Life-long Education at the First Faculty of Medicine in 2015

	Courses & seminars for doctors	Courses in cooperation with pharmaceutical companies	Total
Number of events	59	52	111
Number of participants	1,831	4,103	5,934

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 (<http://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.ACZVZ.cz](http://www.ACZVZ.cz)) enables an easier access for those interested in our educational events as well as easier keeping of records. In April 2015, the Department of Specialty Training and Life-long Education also presented the offer of 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 non-medical health care professionals.

*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

#### Regular Third-age University classes: 4-semester course of human biology

In 2015, tuition for the 28<sup>th</sup> course of studies was successfully completed. The ceremony to close the 2<sup>nd</sup> year of studies and award the 54 certificates of the third-age university courses took place at the Karolinum on 4<sup>th</sup> June 2015. The 28<sup>th</sup> course started with 64 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 1<sup>st</sup> year, and "Biological principles of care of health" for the 2<sup>nd</sup> year.

In 2014, a lecture about first aid with practical demonstrations was included, which met a great response from the students and then was incorporated in the regular schedule. In the past 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.

As part of Charles University, the First Faculty of Medicine is member of the national association of third-age universities, which in turn is member of the international association.

#### 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 implemented in regular one-semester cycles and focused on basic fields/specialties of medicine, giving the basic survey of the given field as well as the idea of new methods and developments in the field. A field is dealt with throughout the semester. This tuition is professionally supported by particular units of the First Faculty of Medicine in cooperation with the Third-age University expert supervisor.

In the academic year 2014-2015, a series of lectures on the topic "Neurology" was prepared for the winter semester. This programme was provided by the teachers from the Department of Neurology of the First Faculty of Medicine together with the Department of Geriatrics. In the summer semester, a series of lectures on "Genetics" was presented, provided by the staff of



the Institute of Biology and Medical Genetics.

The lectures for the Club of Alumni were given in the Vondráček Lecture Hall of the Department of Psychiatry and regularly attended by about 160 students. The interest in this Club is so intensive that the growing number of students exceeds the capacity of the lecture room. This fact, also involving the long distance of the back rows, poor legibility of presentations and inadequate contact with lecturers, gave us the idea to divide students into two groups (A and B), each of them attending the classes each other week.

#### **Further activities**

On 11<sup>th</sup> April 2015, the Day of life-long education was held at Charles University. The whole scope of study in life-long education at the First Faculty of Medicine was presented.

## LIST OF GRADUATES OF CHARLES UNIVERSITY – THE FIRST FACULTY OF MEDICINE IN PRAGUE IN 2015



### GRADUATION CEREMONIES IN BACHELOR DEGREE STUDY PROGRAMMES (Bc.)

#### Graduation ceremony on 16 April 2015 at 10.30 a.m.

Study programme – Bc., Specialization in health care,  
branch Addictology:

Jana Gluzová, Třinec  
Lenka Jonáková, Humpolec  
Petra Matoušková, Prague  
Michaela Veselá, Prague

Study programme – Bc., Specialization in health care,  
branch Occupational therapy:

Markéta Čížková, Český Krumlov  
Veronika Kozáková, Bratislava, Slovakia  
Klára Pauková, Ústí nad Orlicí  
Nikola Svobodová, Havlíčkův Brod

Study programme – Bc., Specialization in health care,  
branch Physiotherapy:

Jan Kovář, Rakovník

Study programme – Bc., Specialization in health care,  
branch Nutritional therapy:

Kuchtová Monika, Dobruška  
Lochmanová Aneta, Nymburk

Study programme – Bc., Specialization in health care,  
branch General nursing:

Bendová Eva, Litoměřice  
Čerňanská Jitka, Prostějov  
Keilová Lenka, Prague  
Matoušková Kateřina, Prague  
Sajdlová Zuzana, Brezno, Slovakia  
Sovová Jana, Vlašim  
Taucová Zdeňka, Městec Králové

#### Graduation ceremony on 22 July 2015 at 9 a.m.

Study programme – Bc., Specialization in health care,  
branch Occupational therapy:

Kateřina Rybářová, Ostrov – with honours  
Kokořová Adéla, České Budějovice  
Říhová Petra, Tábor  
Smrčková Andrea, Jihlava

Study programme – Bc., Specialization in health care,  
branch Physiotherapy:

Achtarová Monika, Prague  
Bezemek Denis, Pelhřimov  
Drábková Eva, Hustopeče  
Fiala Jiří, Benešov  
Jörg Petr, Jablonec nad Nisou  
Klásková Michaela, Zlín  
Košťálová Johana, Prague  
Klára Kumštová, Prague  
Marešová Iveta, Věžná  
Řeháková Tereza, Litomyšl  
Slavíková Radka, Chrudim  
Mgr. Studená Vendula, Prague  
Šimonová Anna, Prague  
Špačková Anežka, Prague  
Věříšová Veronika, Hradec Králové

#### Graduation ceremony on 22 July 2015 at 10.30 a.m.

Study programme – Bc., Specialization in health care,  
branch Addictology:

Brandnerová Michaela, Most  
Filipovská Marie, Prague  
Havlíčková Veronika, Prague  
Hélová Lucie, Prostějov  
Chuchel Zdeněk, Chomutov  
Kadeřábková Renata, Příbram  
Kašíková Petra, Prague  
Košťáková Martina, Hořice  
Krtková Petra, Prague  
Kuchařová Lada, Brno  
Möllerová Dagmar, Most

Šťastná Denisa, Písek  
 Věchet David, Ostrova  
 Velechovská Alena, Nové Město na Moravě  
 Vrátná Alena, Strakonice

Study programme – Bc., Specialization in health care,  
 branch General nursing:

Bendová Šárka, Prague  
 Boháčová Markéta, Čáslav  
 Hvězdová Kristýna, Boskovice  
 Janečková Pavlína, Varnsdorf  
 Kecová Radka, Prague  
 Račanská Eva, Třinec  
 Roučková Petra, Strakonice  
 Svobodová Alice, Prague  
 Škvorová Denisa, Písek

#### **Graduation ceremony on 22 July 2015 at 12 (noon)**

Study programme – Bc., Specialization in health care,  
 branch Nutritional therapy:

Andrysíková Šárka, Brno  
 Argaláčová Tereza, Prague  
 Dostálová Lenka, Prague  
 Hásková Aneta, Jilemnice  
 Hloušková Adriana, Rychnov nad Kněžnou  
 Hrubá Zuzana, Prague  
 Ježková Kristýna, Uherské Hradiště  
 Kotyzová Tereza, Plzeň  
 Opravilová Jana, Zábřeh  
 Pourová Veronika, Prague  
 Ing. Pražanová Ivana, Plzeň  
 Radiměřská Veronika, Litomyšl  
 Šilerová Tereza, Beroun  
 Šimončíčová Renáta, Kyjov  
 Šulcová Jana, Brandýs nad Labem  
 Šuterová Jana, Ústí nad Labem  
 Mgr. Teofil Alena, Tábor  
 Tesařová Veronika, Plzeň  
 Zapletalová Petra, Jilemnice

Study programme – Bc., Specialization in health care,  
 branch General nursing:

Havlíková Anna, Prague  
 Karasová Veronika, Příbram  
 Košická Kateřina, Příbram  
 Krejčová Adéla, Karlovy Vary  
 Kubíková Lenka, Plzeň  
 Náhlavská Markéta, Žatec  
 Vlčkovová Jana, Kladno

#### **GRADUATION CEREMONIES IN FOLLOW-UP MASTER DEGREE STUDY PROGRAMMES (Mgr.)**

##### **Graduation ceremony on 20 July 2015 at 9 a.m.**

Study programme – Mgr., Specialization in health care,  
 branch Nursing in anaesthesiology, resuscitation and inten-  
 sive care:

##### **Graduation ceremony on 19 November 2015 at 9 a.m.**

Study programme – Bc., Specialization in health care,  
 branch Addictology:

Dvorská Kateřina, Litoměřice  
 Jičínská Lucie, Prague  
 Mištová Anna, Havlíčkův Brod  
 Navrátilová Eva, Ostrava  
 Ondráčková Petra, Přílepy  
 Pávek Jan, Česká Třebová  
 Srpová Marta, Slané  
 Tauchmanová Karolína, Vrchlabí

Study programme – Bc., Specialization in health care,  
 branch Occupational therapy:

Adamusová Andrea, Havlíčkův Brod  
 Bartošová Dana, Český Krumlov  
 Junková Lucie, Benešov  
 Žďárská Jana, Prague

Study programme – Bc., Specialization in health care,  
 branch Physiotherapy:

Jiříčková Kristýna, Prague  
 Makarova Yaroslava, Vasylkiv, Ukraine  
 Prunerová Anna, Prague  
 Štixová Anna, České Budějovice  
 Tlačbabová Klára, Jihlava

Study programme – Bc., Specialization in health care,  
 branch Nutritional therapy:

Mgr. Dyrková Martina, Jaroměř  
 Hauerová Nikola, Liberec  
 Ilcová Jana, Česká Lípa  
 Mgr. Joachimová Marie, Prague  
 Kochová Nikola, Jičín  
 Kollerová Martina, Šaľa, Slovakia  
 Kurtzová Drahomíra, Hodonín  
 Lukešová Vlasta, Prague  
 Polachová Monika, Brno  
 Schöppelová Lucie, Kladno  
 Šťovíčková Jana, Prague  
 Wood Denisa, Mariánské Lázně

Study programme – Bc., Specialization in health care,  
 branch General nursing:

Dolinská Michaela, Sušice  
 Mgr. Janoušek Michal, Ivančice  
 Zárubová Martina, Prague

Beranová Veronika, Hradec Králové  
 Blahníková Věra, Prague  
 Fialová Zdeňka, Chrudim  
 Ježková Kateřina, Prague – with honours

Kapounová Gabriela, Strakonice  
 Kovandová Martina, Mladá Boleslav  
 Kritznerová Tereza, Prague  
 Kučerová Klára, Vrchlabí  
 Picková Jana, Chrudim  
 Plhoňová Tereza, České Budějovice  
 Procházková Lenka, Písek  
 Pšenícová Radka, Valašské Meziříčí  
 Rosypalová Marta, Prague  
 Todorová Monika, Jihlava – with honours

Study programme – Mgr., Specialization in health care,  
 branch Addictology:

Biliková Pavlína, Domažlice  
 Jeřábková Zuzana, Karviná – with honours  
 Kudrnová Martina, Prague  
 Sudíková Andrea, Louny  
 Štifterová Barbora, České Budějovice  
 Štosková Jana, Turnov

#### Graduation ceremony on 20 July 2015 at 10.30 a.m.

Study programme – Mgr., Specialization in health care,  
 branch Addictology:

Kačírková Romana Eleanor, Mělník – with honours  
 Meruňková Tereza, Havlíčkův Brod – with honours  
 Lada Broklová, Polička

#### GRADUATION CEREMONY IN MASTER DEGREE STUDY PROGRAMMES (STUDY PROGRAMME – Mgr.)

##### Graduation ceremony on 23 April 2015 at 10.30 a.m.

Study programme – Mgr., General medicine:

Bauer Lukáš, Frýdek-Místek  
 Bileková Marianna, Kežmarok, Slovakia  
 Černý Ondřej, Prague  
 Dmitruk Ekaterina, Tashkent, Uzbekistan  
 Fajfrová Monika, Plzeň  
 Fayad Daniel, Prague  
 Flídrová Petra, Nové Město na Moravě  
 Foldynová Věra, Čeladná  
 Hadač Jan, Trutnov  
 Hamáček Adam, Ústí nad Labem  
 Hlaváček Jiří, Děčín  
 Janke Richard, Ilava, Slovakia  
 Jurkovičová Irena, Liptovský Mikuláš, Slovakia  
 Kaplán Ondrej, Košice, Slovakia  
 Kozák Štěpán, Prague  
 Machová Pavla, Teplice  
 Matijková Barbora, Košice, Slovakia  
 Michail Neofytos, Limassol, Cyprus  
 Navrátilová Nikola, Prague  
 Pána Zdeněk, Pelhřimov  
 Slaviček Jakub, Vienna, Austria  
 Sombergová Kateřina, Prague  
 Špeldová Andrea, Dvůr Králové nad Labem  
 Touficová Hana, Košice, Slovakia  
 Valášková Alic, Krnov

Hetzerová Lucie, Sokolov  
 Kukaňová Renáta, Plzeň  
 Kulhánek Adam, Zlín  
 Lutseva Gaziza, Almaty, Kazakhstan  
 Masaryková Adéla, Brandýs nad Labem  
 Namyslovová Michaela, Ústí nad Labem  
 Nezdarová Eva, České Budějovice  
 Pechuchová Gabriela, Prešov, Slovakia  
 Rubášová Eva, Sušice  
 Solfronková Radka, Stod  
 Stará Iveta, Prague  
 Mgr. Svobodová Veronika, Nové Město na Moravě  
 Šulcová Ilona, Teplice v Čechách  
 Švúgerová Hana, Příbram  
 Tomková Alexandra, Prague  
 Vavrušová Eliška, Jilemnice  
 Velátová Jana, Tábor  
 Votava Tomáš, Cheb  
 Vycpálková Veronika, Prague  
 Zim Martin, Ústí nad Labem

Vojtičková Lenka, Poprad, Slovakia  
 Zítková Klára, Tábor

Study programme – Mgr., Dentistry:

Hadačová Helena, Prague  
 Juřinová Klára, Ostrava

##### Graduation ceremony on 27 July 2015 at 9 a.m.

Study programme – Mgr., General medicine:  
 Kuruczová Nikoleta, Komárno, Slovakia – with honours

Study programme – Mgr., General medicine:

Červeňanská Monika, Bratislava, Slovakia  
 Fišerová Alice, Karlovy Vary  
 Gajovská Michaela, Písek  
 Grenčíková Lucie, České Budějovice  
 Halm Filip, Lučenec, Slovakia  
 Charouzdová Andrea, Ústí nad Labem  
 Jančíková Nikola, Brezno, Slovakia  
 Jellušová Monika, Prague  
 Ježková Lucie, Kyjov  
 Marhefková Brigita, Kežmarok, Slovakia  
 Medvecová Andrea, Opava  
 Mocková Lenka, Trenčín, Slovakia  
 Parisi Andrea, Prague  
 Pipka Michael, Prague  
 Přáda Jan, Plzeň

Pučelíková Helena, Písek  
 Ruferová Lenka, Příbram  
 Spisarová Eva, Karviná  
 Steinbauerová Ilona, Pelhřimov  
 Stupková Veronika, Prague  
 Šálená Anna, Prague  
 Štočková Lucie, Prague  
 Štrek Miroslav, Prague  
 Valach Pavol, Trenčín, Slovakia  
 Vlček Pavel, Beroun  
 Zálešáková Martina, Prague  
 Závora Jan, Teplice  
 Zetková Veronika, Most

#### Graduation ceremony on 30 July 2015 at 9 a.m.

Study programme – Mgr., Dentistry:  
 Burešová Kateřina, Prague – with honours  
 Abassi Amilia, Kabul, Afghanistan  
 Blšáková Michaela, Dolný Kubín, Slovakia  
 Burešová Štěpánka, Prague  
 Drahoš Milan, Benešov  
 Hájková Daniela, Prague  
 Halás Lukáš, Banská Bystrice, Slovakia  
 Hartlová Tereza, Prague  
 Hobziková Lenka, Prague  
 Hoiger Hanni, Bremen, Germany  
 Charhouli Ahmed, Tilkallakh, Syria  
 Jezdinská Karolína, Prague  
 Kačuráková Ladislava, Znojmo  
 Klevetová Magdalena, Prostějov  
 Kment Ondřej, Opava  
 Korábek Jan, Prague  
 Placák Václav, Prague  
 Pražan Vít, Pardubice  
 Stehno Jan, Havlíčkův Brod  
 Strejčková Adéla, Kolín  
 Sýkorová Kateřina, Prachatice  
 Váša Jakub, Prague  
 Veletová Veronika, Havlíčkův Brod  
 Veselá Andrea, Planá

#### Graduation ceremony on 30 July 2015 at 10.30 a.m.

Study programme – Mgr., Dentistry:  
 Bardová Brigita, Písek  
 Bergerová Jitka, Trutnov  
 Bínová Veronika, Pelhřimov  
 MUDr. Bučková Michaela, Prague  
 Franková Michaela, Ostrava  
 Habartová Pavla, Cheb  
 Havlíčková Marcela, Prague  
 Homolová Anastázie, Bílovec  
 Hudcová Klára, Hradec Králové  
 Charvát Jindřich, Prague  
 Křepelová Karolína, Dačice  
 Kubešová Veronika, Ostrava  
 Lazarová Ludmila, Krnov

Matoušková Aneta, Zvolen, Slovakia  
 Mičúneková Kristína, Topoľčany, Slovakia  
 Nakládalová Lucie, Pardubice  
 Nováková Lucie, Tábor  
 Poráková Ivana, Prague  
 Porubská Šárka, Jablonec nad Nisou  
 Šnajdrová Monika, Prague  
 Štěpánková Jolana, Třebíč  
 Šulcová Kateřina, Strakonice  
 Šulcová Marcela, Prague  
 Vyskočilová Veronika, Rakovník  
 Zbránková Soňa, Kyjov  
 Zumrová Eliška, Trutnov  
 Živná Adéla, Prague

#### Graduation ceremony on 30 July 2015 at 12 (noon)

Study programme – Mgr., General medicine:  
 Přidal Jaromír, Frýdek-Místek – with honours  
 Balatka Vojtěch, Most  
 Botka Michal, Zlaté Moravce, Slovakia  
 Červeňák Patrik, Svidník, Slovakia  
 Herodesová Alice, Čáslav  
 Hlavicová Šárka, Karlovy Vary  
 Jelínek Tomáš, Litoměřice  
 Joura Jan, Prague  
 Kadlecová Jana, Olomouc  
 Krejbichová Lucie, Prague  
 Kudelová Radka, Ostrava  
 Ledvinová Dominika, Plzeň  
 Maskalíková Michaela, Lučenec, Slovakia  
 Mlynárová Zuzana, Bojnice, Slovakia  
 Nociarová Jana, Rimavská Sobota, Slovakia  
 Prokūpková Eliška, Dvůr Králové nad Labem  
 Pytlíčková Lucie, Prague  
 Satrapová Veronika, Brandýs nad Labem  
 Steffalová Klára, České Budějovice  
 Šorelová Vendula, Most  
 Trnka Tomáš, Prague  
 Tušková Diana, Šaľa, Slovakia  
 Vaňousová Anna, Prague  
 Volf Petr, Prague

#### Graduation ceremony on 30 July 2015 at 1.30 p.m.

Study programme – Mgr., General medicine:  
 Zárubová Pavla, Frýdek-Místek – with honours  
 Baranik Vladimír, Luhansk, Ukraine  
 Břejchová Gabriela, Písek  
 Ďurišová Adéla, Prague  
 Faridová Adéla, Mariánské Lázně  
 Grochol Lukáš, Prague  
 Horáčková Zdeňka, Planá  
 Chudadová Eva, Žilina, Slovakia  
 Kiprova Jakub, Karlovy Vary  
 Kněžů Klára, Ústí nad Labem  
 Komín Ondřej, Vimperk  
 Košanová Tereza, Tábor



Krejčová Nikola, Vysoké Mýto  
 Kyllarová Aneta, Ústí nad Orlicí  
 Mixová Kristýna, Prague  
 Nasonovová Jana, Jablonec nad Nisou  
 Polák Robert, Prague  
 Sedlická Tereza, Prague  
 Skála Mikuláš, Prague  
 Stojčevová Olga, Karviná  
 Šonová Kateřina, Nymburk  
 Švadlenková Ivana, Prague  
 Tefr Ondřej, Pardubice  
 Vyhnánková Dominika, Prague  
 Zálohová Simona, Prague  
 Žídková Adéla, Jindřichův Hradec

#### Graduation ceremony on 31 July 2015 at 9 a.m.

Study programme – Mgr., General medicine:

Adamčeková Zuzana, Rakovník  
 Beránková Šárka, Ostrava  
 Coubalová Štěpánka, Prague  
 Denková Kamila, Klatovy  
 Fojtík Petr, Prague  
 Hájková Tereza, Prague  
 Henyšová Veronika, Prague  
 Horáková Johana, Prague  
 Hornáková Barbora, Zlaté Moravce, Slovakia  
 Jakoubková Nikola, Jablonec nad Nisou  
 Junková Kristýna, Prague  
 Klatovský Tomáš, Prague  
 Kováčová Sabina, Prague  
 Kubová Tereza, Prague  
 Kunstová Petra, Ústí nad Orlicí  
 Kverková Marcela, Martin, Slovakia  
 Martinová Hana, Jilemnice  
 Pávková Lucie, Litomyšl  
 Plíšková Michaela, Teplice  
 Srpová Kateřina, Prague  
 Stollin Martin, Chrudim  
 Tesař Adam, Prague  
 Tomášková Marta, Prague  
 Vachtenheim Jiří, Prague  
 Valeriánová Anna, Trenčín, Slovakia  
 Valsová Alžběta, Roudnice nad Labem

#### Graduation ceremony on 31 July 2015 at 10.30 a.m.

Study programme – Mgr., General medicine:

Bradová Marianna, Košice, Slovakia  
 Bryhčí Ondřej, Jablonec nad Nisou  
 Čajková Petra, Brandýs nad Labem  
 Češka Ladislav, Příbram  
 Dvoráková Kristýna, Prague  
 Fenclová Lenka, Prague  
 Havlíková Lenka, Teplice  
 Hoang Van Tiep, Hanoi, Vietnam  
 Kolářová Tereza, Prague  
 Kováčová Monika, Rimavská Sobota, Slovakia

Mladá Andrea, Plzeň  
 Nagyová Viktória, Komárno, Slovakia  
 Němcová Lucie, Brno  
 Novák Štěpán, Prague  
 Novotný Adam, Prague  
 Pacigová Darina, Znojmo  
 Pěničková Simona, Prague  
 Rozsypalová Aneta, Brno  
 Rutová Kristýna, Opava  
 Schvalb Tomáš, Prešov, Slovakia  
 Sobotka Lukáš, Prague  
 Spilka Jan, Prague  
 Svobodová Veronika, Prague  
 Šimková Monika, Příbram  
 Štěpánová Kristýna, Příbram  
 Štroufová Tereza, Prague  
 Válková Andrea, Ústí nad Orlicí  
 Zborovjan Jozef, Prešov, Slovakia  
 Zelená Magdaléna, Náchod  
 Zelinová Michaela, Čadca, Slovakia

#### Graduation ceremony on 31 July 2015 at 12 (noon)

Study programme – Mgr., General medicine:

Brnová Lucie, Liberec  
 Čermáková Lenka, Brandýs nad Labem  
 Hrabčáková Eva, Královský Chlmec, Slovakia  
 Karlová Denisa, Benešov  
 Koporová Gabriela, Košice, Slovakia  
 Kotačková Ilona, Třebíč  
 Kubánek David, Frýdek-Místek  
 Langová Lenka, Dolný Kubín, Slovakia  
 Lanzová Andrea, Olomouc  
 Lekešová Veronika, Prague  
 Maisnarová Veronika, Ústí nad Orlicí  
 Maiwald David, Havířov  
 Mgr. Nedvědová Tereza, Rakovník  
 Osičková Klára, Hodonín  
 Pešková Věra, Náchod  
 Pojarová Martina, Klatovy  
 Pšurná Jarmila, Kyjov  
 Pyšná Anna, Trenčín, Slovakia  
 Skalický Michal, Moravská Třebová  
 Sušánková Markéta, Prague  
 Šírová Tereza, Ústí nad Labem  
 Tichá Kristýna, Plzeň  
 Tichá Kristýna, Boskovice  
 Večeřa Josef, Třebíč  
 Voglová Barbora, Trenčín, Slovakia

#### Graduation ceremony on 31 July 2015 at 1.30 p.m.

Study programme – Mgr., General medicine:

Beňová Barbora, Ostrava – with honours  
 Hamanová Karolína, Frydlant – with honours  
 Homola Pavel, Prague – with honours  
 Zeman Martin, Prague – with honours  
 Behunčíková Zuzana, Michalovce, Slovakia

Englcová Barbora, Brno  
 Filouš Pavel, České Budějovice  
 Hladíková Eva, Prague  
 Holbová Petra, Prague  
 Homolová Zuzana, neé Vlčková, Prague  
 Hubinák Michal, Partizánske, Slovakia  
 Jantošová Zuzana, Brandýs nad Labem  
 Jekielek Tomáš, Český Těšín  
 Košudová Barbora, Nitra, Slovakia  
 Lendáková Lucie, Prostějov  
 Majerová Eliška, Strakonice  
 Minařík Lubomír, Zvolen, Slovakia  
 Opluštil Štěpán, Jilemnice  
 Petrnoušková Marie, Turnov  
 Ročková Jana, Hradec Králové  
 Rudová Tereza, Prague  
 Schejbalová Kristina, Prague  
 Šonková Sabina, Písek  
 Toman Jakub, Prague  
 Vachutová Tereza, Prachatice  
 Vogner Martin, Prague  
 Začal Martin, Prostějov

#### Graduation ceremony on 23 November 2015 at 9 a.m.

Study programme – Mgr., General medicine:  
 Fedoročko Marek, Košice, Slovakia  
 Fifiková Natália, Košice, Slovakia  
 Fuková Lucie, České Budějovice  
 Hedvábný Petr, Kladno  
 Humaid Aiman Ahmed Abdullah, Sanaa, Yemen  
 Kaletová Eva, Prešov, Slovakia  
 Klementová Zdenka, Ústí nad Labem  
 Lichnovská Tereza, Prague  
 Lukšová Veronika, Nový Jičín  
 Martincová Michaela, Mělník  
 Mikeš Ondřej, Prague  
 Miklič Richard, Svidník, Slovakia  
 Příborský Ivo, Plzeň  
 Renčová Michaela, Ústí nad Labem  
 Tichá Helena, Prague  
 Žiga Michal, Humenné, Slovakia

Study programme – Mgr., Dentistry:  
 Martincová Lenka, Banská Bystrica, Slovakia – with honours  
 Brůžek Tadeáš, Prague  
 Dvořáková Anna, Vimperk  
 Gebauerová Sára, Prague  
 Hálová Hana, Kyjov  
 Henčlová Michaela, Čáslav  
 Holubová Gabriela, Prague  
 Karlová Kristýna, Kladno  
 Marková Petra, Ostrava  
 Nováková Veronika, Benešov  
 Mottl Lukáš, Ostrov nad Ohří  
 Pospíšilová Zuzana, Polička  
 Senohrábková Jana, Nymburk

Skalická Klára, Prague  
 Svobodová Barbora, Znojmo  
 Tobia Widad, Haifa, Israel

#### Graduation ceremony on 23 November 2015 at 10.30 a.m.

Study programme – Mgr., Dentistry:  
 Čornejová Gabriela, Planá  
 Derkačová Michaela, Teplice  
 Faško Martin, Banská Bystrica, Slovakia  
 Hejčová Veronika, Šternberk  
 Hradilová Ivana, Vsetín  
 Hricko Milan, Teplice  
 Hrubá Silvie, Karviná  
 Jakubička Jura, Banská Bystrica, Slovakia  
 Juhász Ágnes, Levice, Slovakia  
 Jančíková Nikola, Brezno, Slovakia  
 Kamarášová Adriana, Košice, Slovakia  
 Kamišová Jana, Most  
 Kaniová Markéta, Ostrava  
 Kántor Beáta, Prague  
 Kinkorová Monika, Písek  
 Krekule Tomáš, Chomutov  
 Kubátová Denisa, Havlíčkův Brod  
 Kubečková Renáta, Vyškov  
 Kuchárová Diana, Michalovcie, Slovakia  
 Kürthy Csenger Anikó, Štúrovo, Slovakia  
 Kútová Kateřina, Ostrov nad Ohří  
 Levkovets Ludmila, Ivano-Frankovsk, Ukraine  
 Lomová Tereza, Boskovice  
 Mačková Michaela, Mělník  
 Makajevová Veronika, Brandýs nad Labem  
 Marczell Anna, Dunajská Streda, Slovakia  
 Matoušek Michal, Bánovcie nad Bebravou, Slovakia  
 Nekhaeva Ekaterina, Minsk, Belarus  
 Nevrlková Lenka, Brno  
 Novotná Iva, Kolín  
 Opatrná Markéta, Prague  
 Příkrylová Eva, Písek  
 Rudolfová Radka, Turnov  
 Řezáč Jakub, Prague  
 Ševčíková Martina, Opava  
 Šimová Laura, Kroměříž  
 Šoltészová Pavla, Plzeň  
 Zemanová Adéla, Prague

#### Parallel English classes:

#### Graduation ceremony on 27 July 2015, at 10.30 a.m.

Mgr., General medicine:  
 Avni Maskit Moran, Haifa, Israel  
 Azouri Tal, Ramat Gan, Tel Aviv, Israel  
 Belo Pereira Baguinho Quita Ricardo, Vila Nova De Gaia, Portugal  
 Bin Abd Karim Mohd Zuhair Azree, Taman Melawati, Selangor, Malaysia  
 Bin Fakhurazi Shahrir Fadhli, Kuala Lumpur, Malaysia

Binti Che Mamat Nur Maira Farhana, Kuala Terengganu, Terengganu, Malaysia

Binti Zakaria Nor Hazwani, Kedah, Malaysia

Boitshepo Gerald Tshimologo, Jwaneng, Botswana

Bong Yii Change, Serian, Sarawak, Malaysia

Danek Barbara Anna, Turnov, Czech Republic

Fouquet Berenice, Saint-Chamond, France

Francis Nicole Irene, San Diego, USA

Georgiou Panagiotism, Nicosia, Cyprus

Chan Ye Ling, Johor, Malaysia

Chow Evon Chee Yin, Malacca, Malaysia

Christofi Nicolas, Nicosia, Cyprus

Ioannou Ioanna, Limassol, Cyprus

Kaoulla Andreas, Nicosia, Cyprus

Karatasakis Aris, Amarousio, Greece

Klein Yonatan, Florence, Italy

Lim Adeline Shiou Ying, WP Kuala Lumpur, Malaysia

Machattou Maria, Paralimni, Cyprus

Masuku Moagi, Francistown, Botswana

Mokotedi Masego Candy, Gaborone, Botswana

Motswakae Gorata, Kanye, Botswana

Němeček Laura, Sulzbach-Rosenberg, Germany

Ng Li May Francesca, Kuching, Sarawak, Malaysia

Sobti Adhira, New Delhi, India

Stefanis Athanasios, Thessaloniki, Greece

Sun Kian Joo, Butterworth, Penang, Malaysia

Tai Yu Xin, Muar, Johor, Malaysia

Thiagarajan Krisyanth, Klang, Selangor, Malaysia

Tsou Wilson Wei-Chih, Taipei, Taiwan

Vijayananda Suresh, Barking, Essex, United Kingdom

Westerberg Johanna Ellinor, Lulea, Sweden

Yam Phyllis Rui Lin, Georgetown, Malaysia

#### Graduation ceremony on 27 July 2015, at 12 (noon)

Mgr., General medicine:

Bin Abd Razak Muhammad Hafiz, Seremban, Malaysia

Bin Mior Abu Tahrin Mior Faris, Kuala Lumpur, Malaysia

Binti Azami Sakinah, Perak, Malaysia

Binti Ismail Nadiyah, Kuala Lumpur, Malaysia

Binti Muhamad Nurul Amirah, Selangor, Malaysia

Foong Florence Yan Li, WP Kuala Lumpur, Malaysia

Ghodci Khamne Sara Susanna, Stockholm, Sweden

Holmes Eric Anthony, Damascus, Syrian Arab Republic

Mathur Shrey, Jodhpur, India

Matsagkos Christodoulos, Larnaca, Cyprus

Motlhageng Gaolathe Dacson, Good Hope, Botswana

Patel Anika Ramesh, Birmingham, United Kingdom

Pourgouri Andri, Nicosia, Cyprus

Quartey-Papafio Kwarkai, Peterborough, United Kingdom

Raveendran Kajakulan, Bondy, France

See Hong Yih, Johor, Malaysia

Yeo Chin Hooi, Selangor, Malaysia

#### Graduation ceremony on 27 July 2015, at 12 (noon)

Mgr., Dentistry:

Bıçak Teyfika, Famagusta (Mağusa), Cyprus

Papatheodoulou Evangelia, Limassol, Cyprus

Yazji Jude, Damascus, Syrian Arab Republic

#### Graduation ceremony on 23 November 2015, at 9 a.m.

Mgr., Dentistry:

Bin Mohammad Diah Muhammad Hazim, Melaka, Malaysia

Bin Mohd Sabri Mohd Fikri, Melaka, Malaysia

Vlcek Lubomir, Moravská Třebová, Czech Republic

Bin Hamdan Muhamad Afiq, Kuala Lumpur, Malaysia

Bin Rusli Mohd Izham Fazril, Kuching, Sarawak, Malaysia

Davoodi Darani Sara, Faridan, Iran

dos Santos Oliveira Rita Susana, Braga, Portugal

Kaplansky Tamir Reuven, New York, USA

Kukull Benjamin James, Seattle, Washington, USA

Mirza Javaad, Nuneaton, United Kingdom

Ramalhete Roberto Costa, Chaves, Portugal

Girgis Michael Damien, London, United Kingdom

Michael Stephanie Panayiota, Nicosia, Cyprus

Mimori Yuri, Tochigi, Japan

Mmopi Tshireletso, Mmutlane, Botswana

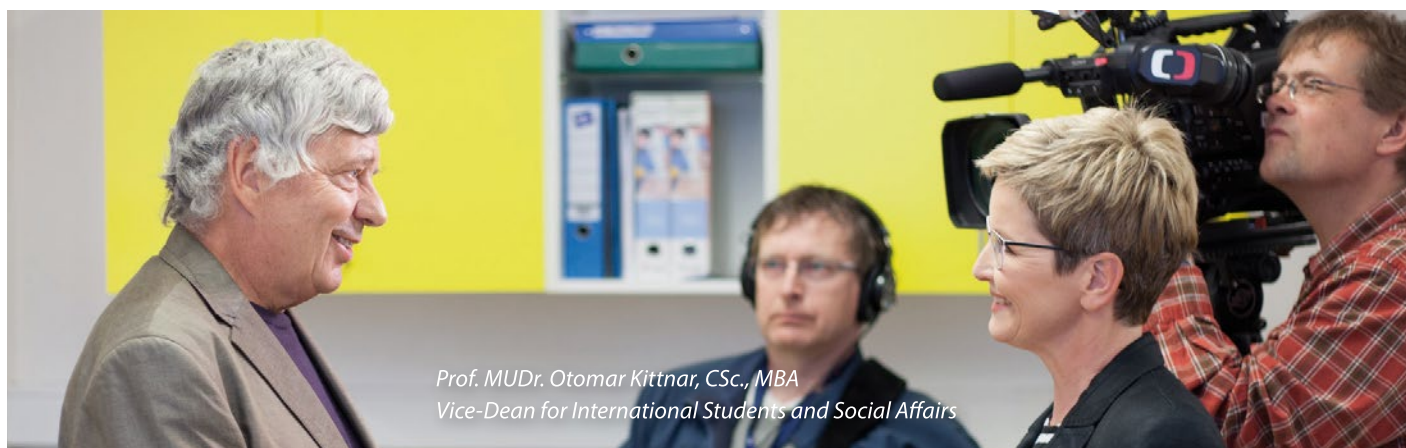
Mogapi Maatla, Molepolole, Botswana

Pechlivanidi Maria, Cholongos, Greece

Shafy Morad Hatem Helmy Abdel, Jeddah, Saudi Arabia

Virdee Baveeta Kaur, Leicester, United Kingdom

## EVALUATION OF TUITION BY STUDENTS



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

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 2014–2015 the data collection was commenced in October 2014 and finished in October 2015. 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 2014–2015 SURVEY

In the academic year 2013–2014, the number of students taking part in the evaluation was 834, which was fewer than in the year before, but the number of specific comments had grown. General marking of the Faculty has stayed positive as before: the marks oscillate between 1.40 and 1.87, with the average mark for the Faculty at 1.60 (which is virtually the same as 1.59 achieved last year).

One persisting problem is the fact that the number of evaluating students from the higher years of study is lower, and thereby the statistical relevance of the scores for clinical subjects and clinician teachers is reduced. One of the reasons is distribution of the students among clinical institutions in smaller groups, where the number of students who meet a particular teacher is smaller than in the first two or three years of study. The good news is the fact that the number of specific comments from students in the "clinical" years of studies has been growing in the past two years.

Every year the Heads of the organization units are informed in writing about the evaluation and invited 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 IN BIOMEDICINE

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 „PhD programmes in biomedicine“), which were founded pursuant to the agreement of the three medical faculties in Prague and the Faculty of Science of Charles University in 1992. The aims of this activity were: 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; considering the existence of a great concentration of institutions of biomedical research beyond Charles University (particularly the institutes of the Academy of Sciences and research institutes of the Ministry of Health), to enable these institutions to become centres of education for PhD programmes in biomedicine as well; to convince representatives of clinical institutions of the necessity of experimental laboratory training in theoretical and Preclinical fields; to promote quality in PhD programmes in biomedicine through establishing the necessary criteria for defence of doctoral theses. PhD 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 cooperation in implementation of study programmes of 13<sup>th</sup> March 2007 and agreement of consortium between Charles University and the Academy of Sciences of the Czech Republic of 13<sup>th</sup> March 2007.

### DOCTORAL STUDY PROGRAMMES AND THE CHAIRPERSONS OF THE RESPECTIVE FIELD BOARDS IN 2015

Molecular and Cellular Biology, Genetics and Virology	Prof. RNDr. Stanislav Zdražil, DrSc., Faculty of 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 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 Science, Prague
Microbiology	Assoc. Prof. RNDr. Ivo Konopásek, CSc., Faculty of 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, CSc., First Faculty of Medicine, Prague
Parasitology	Prof. RNDr. Jaroslav Kulda, CSc., Faculty of 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, CSc., 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 Education 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. PhD programmes in biomedicine are directed by the Co-ordinating Council. Members of the Co-ordinating Council of PhD programmes in biomedicine are appointed and deposed jointly by the Rector of Charles University and the President of the Academy of Sciences of the Czech Republic to the proposals by deans of particular faculties of Charles University and managers of other institutions involved. The other members of the Co-ordinating Council are the chairs of the Field Boards. The chairperson and vice-chairs are elected by the Council from among its members.



The chairperson summons and directs the proceedings of the board and represents it in negotiations with the representative bodies of the particular Faculty as well as in sessions of the Co-ordinating Council of PhD programmes 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 2015; 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 between 2003 and 2015; the survey of doctoral exams and doctoral theses defended in 2015; the survey of students admitted and theses defended in doctoral studies at the First Faculty of Medicine in the past 5 years (2011–2015); 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 Service – 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 31<sup>st</sup> December 2015)

Unit	Institution(s)	Number of PhD students at the unit in the academic year 2013–2014			
		Number of students	Did not complete	Graduated	Total
Institute of Anatomy	Faculty	11	2	19	32
Institute of Physiology	Faculty	15	18	18	51
Department of Rheumatology	Faculty	14	7	9	30
Institute of Biophysics and Informatics	Faculty	17	14	4	36
Institute of Biochemistry and Experimental Oncology	Faculty	9	6	12	27
Institute of Cellular Biology and Pathology	Faculty	12	3	6	21
Institute for History of Medicine and Foreign Languages	Faculty	12	10	8	30
Institute of Histology and Embryology	Faculty	1	1	1	3
Institute for Medical Humanities	Faculty	13	10	7	30
Institute of Pathological Physiology	Faculty	42	35	27	104
Institute of Pharmacology	Faculty & General TH	11	8	12	31
Department of Phoniatics	Faculty & General TH	2	6	0	8
Department of Geriatrics	Faculty & General TH	2	6	1	9
Department of Obstetrics and Gynaecology	Faculty & General TH	24	18	19	61
Institute of General Practice	Faculty & General TH	3	0	0	3
1 <sup>st</sup> Department of Surgery	Faculty & General TH	4	6	4	14
1 <sup>st</sup> Department of Medicine	Faculty & General TH	8	13	10	31
2 <sup>nd</sup> Department of Surgery	Faculty & General TH	12	17	5	34
2 <sup>nd</sup> Department of Medicine	Faculty & General TH	38	32	13	83
3 <sup>rd</sup> Department of Medicine	Faculty & General TH	35	31	47	113
4 <sup>th</sup> Department of Medicine	Faculty & General TH	16	17	10	43
Department of Addictology	Faculty & General TH	22	2	0	24
Department of Paediatrics and Adolescent Medicine	Faculty & General TH	24	14	25	63
Department of Nephrology	Faculty & General TH	10	6	7	23
Department of Occupational Medicine	Faculty & General TH	5	2	4	11
Department of Stomatology	Faculty & General TH	22	24	7	53
Department of Rehabilitation Medicine	Faculty & General TH	2	12	4	18
Department of Neurology	Faculty & General TH	45	35	26	106
Department of Ophthalmology	Faculty & General TH	6	14	6	26
Department of Oncology	Faculty & General TH	5	7	3	15
Department of Psychiatry	Faculty & General TH	75	65	32	172
Department of Radiology	Faculty & General TH	8	4	3	15
Institute of Sexology	Faculty & General TH	10	11	10	31
Department of Urology	Faculty & General TH	9	8	2	19
Institute of Biology and Medical Genetics	Faculty & General TH	12	8	8	28
Institute of Inherited Metabolic Disorders	Faculty & General TH	17	17	31	65
Institute of Hygiene and Epidemiology	Faculty & General TH	22	17	4	43
Institute of Immunology and Microbiology	Faculty & General TH	15	1	0	16
Department of Dermatology and Venereology	Faculty & General TH	1	1	0	2
Institute of Medical Biochemistry and Laboratory Diagnostics	Faculty & General TH	39	9	5	53
Institute of Nuclear Medicine	Faculty & General TH	4	6	1	11
Institute of Pathology	Faculty & General TH	6	3	3	12

Unit	Institution(s)	Number of PhD students at the unit in the academic year 2013–2014			
		Number of students	Did not complete	Graduated	Total
Department of Anaesthesiology, Resuscitation and Intensive Medicine	Faculty & General TH	13	11	4	28
Institute of Forensic Medicine and Toxicology	Faculty & General TH	5	5	2	12
Institute of Sports Medicine	Faculty & General TH	1	8	0	9
Department of Medicine	Faculty & Central Army Hosp.	6	3	1	10
Department of Obstetrics and Gynaecology	Faculty & Bulovka Hosp.	7	6	1	14
Department of Infectious and Tropical Diseases	Faculty & Bulovka Hosp.	6	9	7	22
Department of Plastic Surgery	Faculty & Bulovka Hosp.	5	7	0	12
Department of Radiology	Faculty & Bulovka Hosp.	2	0	0	2
Department of Orthopaedics	Faculty & Bulovka Hosp.	8	0	0	8
Institute of Radiation Oncology	Faculty & Bulovka Hosp.	1	0	0	1
3 <sup>rd</sup> Department of Surgery	Faculty & FN Motol	17	10	3	30
Department of Otorhinolaryngology	Faculty & FN Motol	12	2	6	20
Department of Orthopaedics	Faculty & FN Motol	16	12	7	35
Department of Neurosurgery	Faculty & Central Army Hosp.	10	2	7	19
Department of Ophthalmology	Faculty & Central Army Hosp.	4	2	0	6
Department of Respiratory Medicine	Faculty & Thomayer Hosp.	4	0	0	4
1 <sup>st</sup> Department of Tuberculosis and Respiratory Diseases	Faculty & General TH	1	2	0	3
Department of Oncology	Faculty & Thomayer Hosp.	3	0	0	3
Department of Surgery	Faculty & Thomayer Hosp.	2	4	2	8
TOTAL	782	645	464	1,890	

#### Doctoral State Examinations passed in 2015

Surname and first name	Degree (before name)	Degree (after name)	Field	Date of examination
Adámek Tomáš	MUDr.	Ph.D.	Gerontology	20 May 2015
Bučinská Ivana	Mgr.		Biochemistry and pathobiochemistry	14 May 2015
Černý David	PhDr.	PhD.	Bioethics	2 June 2015
Dibdiak Lukáš	Mgr. Ing.		Medical biophysics	22 Sep 2015
Drobný Miloslav	Mgr.		Medical biophysics	23 Nov 2015
Dvořák Karel	MUDr.	Ph.D.	Human physiology and pathophysiology	21 May 2015
Eremišová Lenka	MUDr.		Biochemistry and pathobiochemistry	14 May 2015
Fajtová Pavla	Mgr.		Biochemistry and pathobiochemistry	16 Apr 2015
Fundová Petra	MUDr.		Immunology	17 Dec 2015
Fálišová Andrea	Mgr.		Medical biophysics	23 Nov 2015
Girmanová Éva	Mgr.		Molecular and cellular biology	22 Jan 2015
Hána Václav	MUDr.		Human physiology and pathophysiology	23 Apr 2015
Hanusová Zdeňka	Mgr.		Molecular and cellular biology	25 Nov 2015
Honěk Jakub	MUDr.		Human physiology and pathophysiology	24 Sep 2015
Hošková Lenka	MUDr.		Human physiology and pathophysiology	21 May 2015
Chughtai Ahmed Ali	MUDr.		Cell biology and pathology	9 July 2015
Kaválková Petra	Mgr. Bc.		Human physiology and pathophysiology	24 Sep 2015
Kemelo Kgalalele Mighty	MUDr.		Pharmacology and toxicology	23 Sep 2015
Klánová Magdalena	MUDr.		Human physiology and pathophysiology	21 May 2015
Klíma Karel	MUDr. et MUDr.	Ph.D.	Experimental surgery	21 Sep 2015

Surname and first name	Degree (before name)	Degree (after name)	Field	Date of examination
Kloučková Jana	Mgr.		Human physiology and pathophysiology	15 Oct 2015
Kokavec Juraj	Mgr.		Developmental and cellular biology	23 June 2015
Kostrouch David	MUDr.		Cell biology and pathology	22 Sep 2015
Kovalčíková Jana	Mgr.		Biochemistry and pathobiochemistry	15 Oct 2015
Krijt Matyáš	Mgr.		Biochemistry and pathobiochemistry	11 Mar 2015
Krüger Andreas	MUDr.		Human physiology and pathophysiology	18 June 2015
Křížová Libuše	MUDr.		Biochemistry and pathobiochemistry	22 Jan 2015
Kučera Jan	MUDr.		Experimental surgery	5 Oct 2015
Kučerová Jarmila	Mgr.		Preventive medicine	24 Sep 2015
Máca Jan	MUDr.		Human physiology and pathophysiology	10 Dec 2015
Mířková Alžběta	MUDr.		Experimental surgery	5 Oct 2015
Mišunová Martina	Mgr.		Molecular and cellular biology	25 June 2015
Mlejnský František	Mgr.		Experimental surgery	9 Nov 2015
Neburková Jitka	Mgr.		Biochemistry and pathobiochemistry	16 Apr 2015
Němejcová Kristýna	MUDr.		Imaging techniques in medicine	23 Nov 2015
Nosková Pavlína	MUDr.		Experimental surgery	18 May 2015
Pajerová Lenka	Mgr.		Molecular and cellular biology	19 Mar 2015
Pavelková Ilona	Mgr.		History of medicine	21 Apr 2015
Piško Juraj	MUDr.		Neurosciences	13 Apr 2015
Pleštilová Lenka	MUDr.	Ph.D.	Immunology	18 Feb 2015
Privitzer Pavol	Mgr.		Biomedical informatics	23 June 2015
Procházka Antonín	Mgr.		Medical biophysics	9 June 2015
Riegel Karel	Mgr. Bc.		Psychology	24 Nov 2015
Sedlák František	MUDr.		Biochemistry and pathobiochemistry	16 Apr 2015
Seidler Štangová Petra	MUDr.		Pharmacology and toxicology	23 Sep 2015
Smitka Kvido	MUDr.	Ph.D.	Human physiology and pathophysiology	23 Nov 2015
Svitálková Táňa	Mgr.		Molecular and cellular biology	25 June 2015
Šafaříková Markéta	Mgr.		Molecular and cellular biology	22 Sep 2015
Šedivý Petr	Mgr.		Medical biophysics	23 Nov 2015
Šípková Jana	MUDr.		Pharmacology and toxicology	23 Sep 2015
Štroffej Július	MUDr.		Biomedical informatics	4 June 2015
Tóth Peter	Mgr.		Biomedical informatics	4 June 2015
Toušková Tereza	MUDr.		Psychology	21 Apr 2015
Trachta Pavel	MUDr.		Human physiology and pathophysiology	22 June 2015
Urbanová Monika	MUDr.		Human physiology and pathophysiology	21 May 2015
Vaňková Hausnerová Viola	Mgr.		Developmental and cellular biology	23 June 2015
Větrovská Renata	Mgr.		Human physiology and pathophysiology	15 Jan 2015
Votruba Jiří	MUDr.		Imaging techniques in medicine	23 Nov 2015
Wojnarová Lea	Mgr.		Pharmacology and toxicology	26 Mar 2016
Zikmund Tomáš	Mgr. Bc.		Human physiology and pathophysiology	24 Sep 2015
Valášková Petra	Mgr.		Biochemistry and pathobiochemistry	15 Oct 2015

## Dissertation theses defended in the doctoral study programmes in 2015

Surname and first name	Degree (before name)	Degree (after name)	Field	Date of defence	Title of thesis
Adámek Tomáš	MUDr.	Ph.D.	Gerontology	30 Sep 2015	Aspirin in secondary prevention of ischaemic cerebrovascular accident
Bar–Johnson Michael	Mgr.	Ph.D.	Psychology	21 Apr 2015	Sexual and psychological aspects of life of male commercial sex workers
Bízík Gustáv	MUDr.	Ph.D.	Neurosciences	7 Sep 2015	Neuroimmune and endocrine correlates of stress response and dissociation in affective disorders
Böhm Jan	MUDr.	Ph.D.	Experimental surgery	7 Dec 2015	Molecular features of in situ ductal carcinoma and their clinical impact
Brábníková Marešová Kristýna	MUDr.	Ph.D.	Human physiology and pathophysiology	23 Apr 2015	Bone remodelling in rheumatic diseases: Bone loss in patients with juvenile idiopathic arthritis
Bradáč Ondřej	RNDr. MUDr.	Ph.D.	Neurosciences	22 Sep 2015	Treatment of arteriovenous malformations of the brain
Břešťák Miroslav	MUDr.	Ph.D.	Experimental surgery	18 May 2015	New ultrasound markers of aneuploids in the first trimester of pregnancy
Čabiňáková Michaela	MUDr.	Ph.D.	Biochemistry and pathobiochemistry	25 June 2015	Detection of minimum residual disease in bone marrow and peripheral blood in patients with breast carcinoma
Černý David	PhDr.	Ph.D.	Bioethics	21 Dec 2015	Double effect principle
Ďudáková Lubica	Ing.	Ph.D.	Cell biology and pathology	22 Sep 2015	Importance and function of stromal enzymes in pathogenesis of keratoconus
Dvořák Karel	MUDr.	Ph.D.	Human physiology and pathophysiology	17 Sep 2015	Influence of n-3 polyunsaturated fatty acids on development of non-alcoholic liver impairment in experiment, incidence in patients with type 2 diabetes mellitus and metabolic syndrome, scope of non-invasive diagnostics
Gál Peter	Mgr.	Ph.D.	Cell biology and pathology	26 Nov 2015	The healing wound as a model for study of cell interactions
Jonášová Anna	MUDr.	Ph.D.	Human physiology and pathophysiology	15 Jan 2015	Pathophysiological aspects of myelodysplastic syndrome in relation to the effect of targeted immunomodulation and demethylation therapy
Jůda Pavel	MUDr.	Ph.D.	Cell biology and pathology	9 July 2015	Structural functional organization of the cell nucleus. Microscopic analysis of nuclear subcompartments
Klíma Karel	MUDr. et MUDr.	Ph.D.	Experimental surgery	21 Sep 2015	New creation and regeneration of bone tissue using stem cells
Kočkova Radka	MUDr.	Ph.D.	Human physiology and pathophysiology	23 Apr 2015	Influence of positive inotropic and antiarrhythmic drugs on the cardiovascular system
Král Aleš	MUDr.	Ph.D.	Biochemistry and pathobiochemistry	16 June 2015	Underlying molecular causes of endothelial dysfunction: genetic varieties of endothelial synthase of nitrogen oxide and haemoxygenase 1
Kulhánek Tomáš	Mgr.	Ph.D.	Biomedical informatics	23 June 2015	Use of GRID technology in the processing of medical information
Lenčová Anna	MUDr.	Ph.D.	Cell biology and pathology	9 July 2015	Transplantation of limbic stem cells and their use in reconstruction of the eye surface
Marková Jana	Ing.	Ph.D.	Molecular and cellular biology	12 May 2015	Molecular genetic changes in acute myeloid leukaemia
Mateják Marek	Mgr.	Ph.D.	Human physiology and pathophysiology	17 Sep 2015	Formalization of integrative physiology
Mrázová Karolína	Mgr.	Ph.D.	Preventive medicine	26 Mar 2015	Toxicovigilance of accidents involving household chemicals in the Czech Republic
Nikolai Tomáš	Mgr.	Ph.D.	Psychology	22 Sep 2015	Neuropsychological aspects of initial stages of neurodegenerative disorders
Peiskerová Martina	MUDr.	Ph.D.	Biochemistry and pathobiochemistry	16 June 2015	Oxidation and carbonyl stress, micro-inflammation and cardiovascular risk in patients with kidney disease



Surname and first name	Degree (before name)	Degree (after name)	Field	Date of defence	Title of thesis
Pleštilová Lenka	MUDr.	Ph.D.	Immunology	14 Dec 2015	Molecular aspects of musculoskeletal diseases and importance of small regulating RNA
Popelová Andrea	Mgr.	Ph.D.	Biochemistry and pathobiochemistry	24 Sep 2015	Influence of various kinds of antidiabetic interventions on the development of neurodegenerative changes in the brain of diabetic mice and rats
Ráčz Beáta	MUDr.	Ph.D.	Human physiology and pathophysiology	24 Sep 2015	Other factors influencing the daily levels of melatonin
Rusinová Kateřina	MUDr. MgA.	Ph.D.	Bioethics	7 Apr 2015	The dead donor rule and its importance in contemporary ethics of transplantations
Sameh Anwar Hussein Farrag Mohamed	MUDr.	Ph.D.	Biochemistry and pathobiochemistry	10 Sep 2015	Molecular pathology of selected porphyrias with skin manifestation
Sehnal Borek	MUDr.	Ph.D.	Experimental surgery	16 Feb 2015	Prevalence of anal HPV infection in patients treated for severe dysplasia of the vaginal cervix and its relation to sexual behaviour
Stehlík David	MUDr.	Ph.D.	Experimental surgery	30 Nov 2015	Mesenchymal stromal multipotent cells in orthopaedics: potentiation of bone healing
Sticová Eva	MUDr.	Ph.D.	Biochemistry and pathobiochemistry	25 June 2015	Secretion pathway of bilirubin and its disorders
Stránecký Viktor	Mgr.	Ph.D.	Molecular and cellular biology , genetics and virology	23 June 2015	Recent methods of genome analysis and their use in search of genetic causes of disease
Surá Alexandra	Mgr.	Ph.D.	History of medicine	23 Sep 2015	Midwifery in the period after the battle of White Mountain: Infanticide
Šafaříková Eva	Mgr.	Ph.D.	Molecular and cellular biology , genetics and virology	19 Mar 2015	Properties of specific antibodies of prion diseases and the scope of their use
Šlachtová Lenka	Mgr.	M.Sc., Ph.D.	Biochemistry and pathobiochemistry	10 Sep 2015	Molecular pathology of selected inherited hyperbilirubinemias
Šramko Marek	MUDr.	Ph.D.	Human physiology and pathophysiology	19 Mar 2015	Use of MRI of the heart for assessment of pathophysiology of dilatation cardiomyopathy
Šromová Lucie	Mgr.	Ph.D.	Biochemistry and pathobiochemistry	24 Sep 2015	Molecules of the "DASH system" in local and systemic pathogenetic processes of rheumatoid arthritis
Švábíková Lucie	MUDr.	Ph.D.	Experimental surgery	7 Sep 2015	Diagnosis and therapy of intrauterine pathologies connected with pregnancy
Tauchmannová Kateřina	Mgr.	Ph.D.	Biochemistry and pathobiochemistry	24 Sep 2015	Genetic and functional characterisation of mitochondrial diseases caused by ATP synthase defects
Tomková Mária	Mgr.	Ph.D.	Biochemistry and pathobiochemistry	16 June 2015	Cytochrome P450 oxidoreductase: Structural functional study. Molecular pathology of Antley-Bixler syndrome
Tůmová Eva	MUDr.	Ph.D.	Preventive medicine	25 Nov 2015	New markers of cardiovascular risk in diagnosis and monitoring of treatment
Váňová Kateřina	Ing.	Ph.D.	Biochemistry and pathobiochemistry	16 June 2015	Catabolic pathway of hem in pathogenesis of liver diseases
Včelák Josef	MUDr.	Ph.D.	Experimental surgery	26 Jan 2015	Spondylodiscitis – surgical treatment
Wohlfahrtová Mariana	MUDr.	Ph.D.	Human physiology and pathophysiology	19 Mar 2015	Prediction of early development and rejection of a transplanted kidney

Number of students admitted and dissertation theses defended in doctoral study programmes at the First Faculty of Medicine in the past 5 years (2011–2015)

Year	2011	2012	2013	2014	2011	2011–2015
Admitted	141	134	140	149	141	730
Defended	76	54	69	58	76	302

### **THE MD/PhD PROGRAMME IMPLEMENTED IN COOPERATION OF CHARLES UNIVERSITY – THE FIRST FACULTY OF MEDICINE AND THE GENERAL UNIVERSITY HOSPITAL IN PRAGUE**

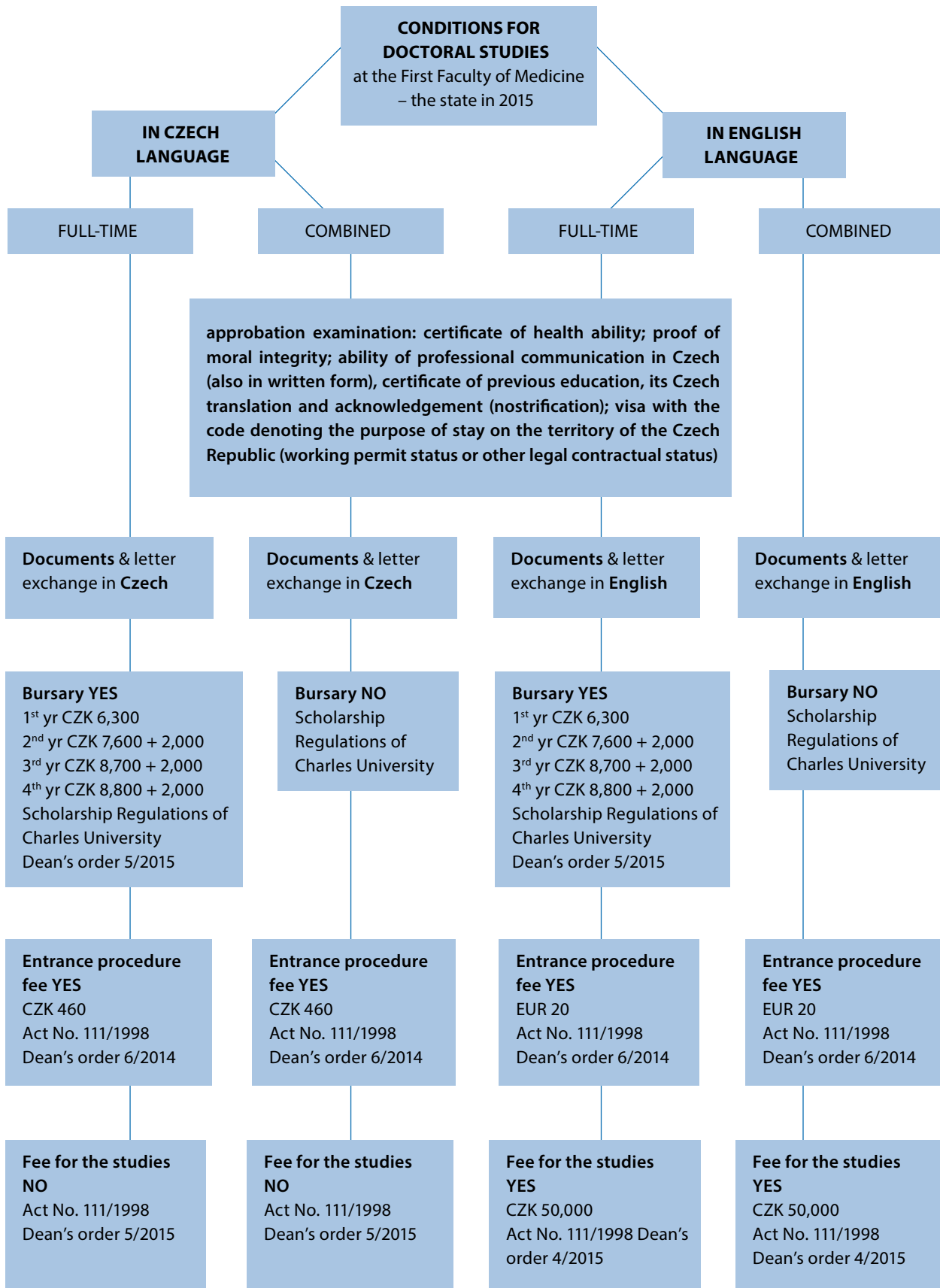
In cooperation with the General University Hospital in Prague, the First Faculty of Medicine offers students of full-time PhD programmes the option of enrolment for pre-attestation specialty training in various educational programmes. The aim of this activity is to promote the quality of research at clinical institutions of the hospital in all fields of health that are considered as priorities. With the students enrolled, the General University Hospital in Prague makes fixed-term employment contracts (up to 0.5 position), for not longer than till the end of the full-time study.

To enhance quality in the MD/PhD 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 in Prague put up posts for competition twice:

1. For students who had been admitted to the MD/PhD programme and had applied for extension of the employment contract. Seven students out of seven applicants were granted extension of the employment contract at the units of the First Faculty of Medicine and the General University Hospital in Prague, in particular at the 2<sup>nd</sup> Department of Medicine, Department of Paediatrics and Adolescent Medicine, Department of Pathological Physiology, Department of Psychiatry, and the Institute of Organic Chemistry and Biochemistry of the Academy of Sciences. Five students had not met one of the requirements, in particular "study in the full-time form" (as they already were in their 5<sup>th</sup> year) and their contracts were therefore terminated.
2. For students who applied for the MD/PhD programme for the first time. All five students who had applied were admitted to the joint units of the First Faculty of Medicine and the General University Hospital in Prague, in particular to the Institute of Pathological Physiology, Department of Paediatrics and Adolescent Medicine, 3<sup>rd</sup> Department of Medicine, and the Department of Psychiatry.



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





In its sessions, the Scientific Board of the First Faculty of Medicine performed 7 procedures for appointment to professor posts and 10 habilitation procedures to appoint associate professors in 2015. The Faculty possesses accreditations for 21 doctoral study programmes. In 2015, the total number of 45 students successfully completed their studies in doctoral programmes. The Faculty possesses accreditations for habilitation procedures in 38 fields and accreditations for procedures to appoint to professor posts in 36 fields.

On the occasion of important personal jubilees, and for special merits in development of the University, Prof. Raphael Mechoulam, Ph.D.; Prof. MUDr. Jiří Zeman, DrSc.; and Prof. MUDr. Josef Syka, DrSc. were granted gold medals by the Rector of Charles University in Prague at the proposal of the Dean of the First Faculty of Medicine in 2015, and Prof. Nicola Scipinaro as well as Prof. MUDr. Jan Štěpán, DrSc. were granted silver medals. In 2014, the Rector's Board of Charles University approved on four proposals from the First Faculty of Medicine to appoint visiting professors. The new visiting professors are: Prof. George Grunberger, MD, FACP, FACE from Wayne State University School of Medicine, Medicine Oakland University William Beaumont School of Medicine, for the 3<sup>rd</sup> Department of Medicine; Prof. Hans Zwipp, Dr. Med. from University Hospital "Carl Gustav Carus" for the Institute of Anatomy and the Department of Orthopaedics; Prof. Dr. Paul E. Modziak from North Carolina State University for the Institute of Anatomy; and Prof. Dr. Jonathan Duke-Cohan from Harvard Medical School/DFCI, Boston, MA, Boston University, Computer Science, Boston, MA for the Institute of Biochemistry and Experimental Oncology.

#### Survey of international grants

Name of project	Type of instrument
Neonatal European Study of Inhaled Steroids (NEUROSIS)	7 <sup>th</sup> Framework Programme
Safety Evaluation of Adverse Reactions in Diabetes (SAFEGUARD)	7 <sup>th</sup> 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 <sup>th</sup> Framework Programme
The Sugar Code: from (bio)chemical concept to clinics (GLYCOPHARM)	7 <sup>th</sup> Framework Programme
Epigenetics for female personalized cancer care (EPIFEMCARE)	7 <sup>th</sup> Framework Programme
Clonidine for Sedation of Paediatric Patients in the Intensive Care Unit (CLOSED)	7 <sup>th</sup> Framework Programme
Determinants of successful implementation of selective prevention of cardio-metabolic disease across Europe (SPIM EU)	HORIZON 2020
Female cancer prediction using cervical omics to individualise screening and prevention (FORECEE)	HORIZON 2020
Conservative iron chelation as a disease-modifying strategy in Parkinson's disease: a multicentric, parallel-group, placebo-controlled, randomized clinical trial of deferiprone (FAIR-PARK-II)	HORIZON 2020
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
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 methylation 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

Name of project	Type of instrument
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 addicology (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 in Prague 2012–2015

Name of grant agency	2012		2013		2014		2015	
	Faculty	Hospital	Faculty	Hospital	Faculty	Hospital	Faculty	Hospital
Grant agency of Czech Republic	43	2	43	43	2	43	32	3
Grant agency of Charles University	77	0	69	77	0	69	78	0
Grant agency of Ministry of Health	41	70	55	41	70	55	41	76
AZV ČR							27	26
UNCE. PRVOUK	17	0	17	17	0	17	27	0
TACR	1	0	1	1	0	1	17	1
Other ministries	22	3	20	22	3	20	6	2
Academy of Sciences	1	0	0	1	0	0	0	0
International grants	15	10	21	15	10	21	22	9
<b>Subtotal</b>	<b>217</b>	<b>85</b>	<b>226</b>	<b>217</b>	<b>85</b>	<b>226</b>	<b>245</b>	<b>117</b>
<b>Total Faculty &amp; Hospital</b>	<b>302</b>		<b>332</b>		<b>336</b>		<b>362</b>	

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	%
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		not offered
2015	21	3	14 %	81	29	36 %	48	16	33 %

Subsidies for science and research

Year	Faculty	GT Hospital	Total
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
2015	CZK 376 198 826	CZK 193 974 000	CZK 570 172 826



## Basic parameters of scientific activity at the First Faculty of Medicine 2011–2015

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	Mono-graphs and text-books 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
2011	386,762	312 4	931.88 (+ 62.7) <sup>1/</sup> (+ 245.9) <sup>2/</sup>	927	2,211	1,297	163	711	489	639	1,483.7	20,020	891
2012	392,110	301 1	935.20 (+ 79.5) <sup>1/</sup> (+ 183.0) <sup>2/</sup>	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) <sup>1/</sup> (+ 150.88) <sup>2/</sup>	973	1,86	1,511	64	636	533	753	1,989.4	26,304	1,081
2014	376,533	336 0	963.89 (+ 60.33) <sup>1/</sup> (+ 184.74) <sup>2/</sup>		1,892	1,494	87	631	671	756	2,302.2	29,072	1,107
2015	376,198	362 0	<sup>1/</sup> <sup>2/</sup>										

1/ From grants

2/ From Research Concepts

Total number of authors and publications – excluding abstracts

## STUDENT SCIENTIFIC CONFERENCE



On 6<sup>th</sup> May 2015, our Faculty held the traditional Student Scientific Conference, the 16<sup>th</sup> in line. This conference, in which 63 presentations were done, proceeded in four sections – undergraduate, postgraduate – theoretical part, postgraduate – clinical part, and the section for non-medical fields (nursing, addictology etc.). In the undergraduate section, students competed with both theoretical and clinical presentations.

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

The 16<sup>th</sup> Student Scientific Conference took place 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. MUDr. Daniela Pelclová, CSc.; Assoc. Prof. MUDr. Marie Jirkovská, CSc.; Assoc. Prof. MUDr. Pavel Dundr, Ph.D.; and MUDr. Ivana Holcátová, CSc.) judged 8 presentations and set the following standing:

1<sup>st</sup> place – Martin Kaňa for “Immunophenotypic characteristics of telocytes (myofibroblasts) of the urinary bladder in patients with interstitial cystitis, compared to the control group”

2<sup>nd</sup> place – Mgr. Karolína Rozsivalová for “CD68+ cells in atrial myocardium of patients with atrial fibrillation: comparison to patients with sinus rhythm”

3<sup>rd</sup> place – Aneta Hásková for “Metabolic surgery – treatment of type 2 diabetes in patients with 2<sup>nd</sup> and 3<sup>rd</sup> degree obesity”.

In the clinical category of the postgraduate section, 16 presentations were judged by three boards, which were composed of the following members: (1) Prof. MUDr. Jiří Zeman, DrSc.; Assoc. Prof. Ing. Stanislav Kmoč, CSc. and MUDr. Martin Hřebíček, Ph.D.; (2) Prof. MUDr. Soňa Nevšímalová, DrSc.; Assoc. Prof. MUDr. David Kemlink, Ph.D. and MUDr. Lucie Kališová; (3) Prof. MUDr. Jana Dušková, DrSc.; Assoc. Prof. MUDr. Michal Vrablík; Ph.D., Assoc. Prof. MUDr. Tomáš Zelinka, CSc. and MUDr. Jan Haber, CSc. The standing of the best presentations was set by the boards as follows:

1<sup>st</sup> place – MUDr. Veronika Dvořáková for “Clinical and laboratory characteristics of patients with MELAS syndrome”;

2<sup>nd</sup> place – MUDr. Tereza Vorlová for “Severe obstructive sleep apnoea worsens perception of high frequency sound”;

3<sup>rd</sup> place – MUDr. Kristýna Němejcová for “Immunohistochemical molecular analysis of atypical polyposis adenomyomas”.

In the theoretical category of the postgraduate section, 18 presentations were judged by three boards, which were composed of the following members:

(1) Prof. MUDr. Stanislav Štípek, DrSc.; Prof. MUDr. František Perlík, DrSc.; Assoc. Prof. MUDr. Bohdana Kalvodová, CSc. and MUDr. Ivan Šebesta, CSc.;

(2) Assoc. Prof. MUDr. Evžen Křepela, CSc.; Assoc. Prof. MUDr. Ivan Matouš-Malbohan, CSc. and RNDr. Robert Dobrovolný, Ph.D.;

(3) Assoc. Prof. RNDr. Dušan Cmarko, Ph.D.; Assoc. Prof. Ing. Karel Holada, Ph.D. and RNDr. Jana Ledvinová, CSc. The standing of the best presentations was set by the boards as follows:

1<sup>st</sup> place – Mgr. Kateřina Vlčková for “Survivin as a new target of the Hedgehog signal pathway in human tumour cells”;

2<sup>nd</sup> place – Ing. Dita Mušálková for “New methods for establishment of the slanting of inactivation of the X chromosome and their practical use”;

3<sup>rd</sup> place – Mgr. Petr Páral for “Regeneration of haematopoietic stem cells after damage by cyclophosphamide on a mouse model”.

The extraordinary prize of the Galén publishing house was awarded to Mgr. Zuzana Jindrová for her “Changes in expression and localization of cell prion protein during differentiation”.

In the non-medical fields section, 21 presentations competed, judged by the following boards:

(1) Prof. RNDr. Zdeněk Fišar, CSc.; Assoc. Prof. MUDr. Jan Vevera, Ph.D.; Assoc. Prof. MUDr. Petr Bartůněk, CSc. and PhDr. Lenka Vavrinčíková, Ph.D.;

(2) Prof. PhDr. Michal Mioviský, Ph.D.; Prof. MUDr. Eva Havrdová, CSc.; PhDr. Radek Ptáček, Ph.D. and MUDr. Bc. Petra Sládková, Ph.D.;

(3) PhDr. Radek Ptáček, Ph.D.; PhDr. Jana Hocková, Ph.D.; MUDr. Bc. Petra Sládková, Ph.D. and Mgr. Tomáš Nikolai. The standing of the best presentations was set by the boards as follows:

1<sup>st</sup> place – shared by PhDr. Lenka Čablová for “Influence of family rules and emotional warmth on alcohol abuse in children and adolescents” and Mgr. Jiří Michalec for “Comparison of clinical relevance of London Tower scoring systems”;

3<sup>rd</sup> place – Mgr. Chiara Freccero for “The effectiveness of training of cognitive functions in patients with unipolar major depressive disorder using the automatically adaptive rehabilitation program HappyNeuron”.

The extraordinary prize, granted by the journal *Zdravotnictví a medicína* [Health and medicine], was awarded to Mgr. Martina Školníková for “Risk of occurrence and development of drug dependence in adult clients with ADHD”.

The award ceremony was held at the Academic Club of the First Faculty of Medicine in Faust House on 25<sup>th</sup> May 2015 at 2 p.m.



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

## 2015 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 2014, the total of 1,892 items that fall into the categories under survey were published. The number of publishing authors from the First Faculty of Medicine was 1,494.

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 2014 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.

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 31<sup>st</sup> 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 as well as citations according to the Science Citation Index (SCI) among the authors was set in such a manner 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. For the purpose of conversion of the totals of the points gained by particular organization units to the workload, the total number of positions 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 Web of Knowledge™ data base was 29,072, which is by 2,768 more, compared to the year before.

In 2014, the total number of 756 authors from the First Faculty of Medicine of Charles University published 564 original and 67 synoptic articles in journals with impact factors (IF).

Since 2007, the Annual Report of the Faculty has presented the values of the Hirsch index (h-index) each year, both for particular authors (see the table and diagram "Hirsch index" – page 63) and the First Faculty of Medicine as a whole. By 31<sup>st</sup> December 2014, the h-index for the Faculty equalled 86, and by 31<sup>st</sup> December 2015 the institutional h-index was up to 96. 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:**

- 5 publications in a journal with IF = 55.873 (New England Journal of Medicine)
- 1 publication in a journal with IF = 45.217 (Lancet)
- 1 publication in a journal with IF = 41.456 (Nature)
- 1 publication in a journal with IF = 35.289 (Journal of the American Medical Association)
- 2 publications in a journal with IF = 29.352 (Nature Genetics)
- 2 publications in a journal with IF = 24.690 (Lancet Oncology)
- 1 publication in a journal with IF = 21.896 (Lancet Neurology)
- 3 publications in a journal with IF = 18.428 (Journal of Clinical Oncology)
- 1 publication in a journal with IF = 17.565 (Cell Metabolism)
- 1 publication in a journal with IF = 17.445 (British Medical Journal)
- 4 publications in a journal with IF = 15.203 (European Heart Journal)
- 1 publication in a journal with IF = 14.660 (Gut)
- 1 publication in a journal with IF = 14.496 (Molecular Psychiatry)
- 2 publications in a journal with IF = 12.996 (American Journal of Respiratory and Critical Care Medicine)
- 1 publication in a journal with IF = 12.583 (Journal of the National Cancer Institute)
- 2 publications in a journal with IF = 11.470 (Nature Communications)
- 2 publications in a journal with IF = 11.336 (Journal of Hepatology)
- 1 publication in a journal with IF = 10.762 (Acta Neuropathologica)
- 2 publications in a journal with IF = 10.431 (Leukemia)
- 7 publications in a journal with IF = 10.377 (Annals of the Rheumatic Diseases)
- 1 publication in a journal with IF = 9.329 (Cancer Research)
- 1 publication in a journal with IF = 9.196 (Brain)
- 1 publication in a journal with IF = 9.185 (The Lancet Diabetes and Endocrinology)
- 1 publication in a journal with IF = 8.886 (Clinical Infectious Diseases)
- 3 publications in a journal with IF = 8.563 (Kidney International)
- 1 publication in a journal with IF = 8.557 (Biomaterials)

- 1 publication in a journal with IF = 8.459 (Oncogene)
- 3 publications in a journal with IF = 8.286 (Neurology)
- 1 publication in a journal with IF = 7.528 (PLoS Genetics)
- 1 publication in a journal with IF = 7.483 (Chest)
- 1 publication in a journal with IF = 7.429 (Journal of Pathology)
- 1 publication in a journal with IF = 7.345 (JACC: Cardiovascular Interventions)
- 1 publication in a journal with IF = 7.271 (JAMA Neurology)
- 1 publication in a journal with IF = 7.249 (BMC Medicine)
- 3 publications in a journal with IF = 7.214 (Intensive Care Medicine)
- 1 publication in a journal with IF = 7.040 (Annals of Oncology)
- 1 publication in a journal with IF = 6.807 (Journal of Neurology, Neurosurgery and Psychiatry)
- 1 publication in a journal with IF = 6.671 (Diabetologia)
- 2 publications in a journal with IF = 6.480 (Hypertension)
- 2 publications in a journal with IF = 6.234 (Journal of Crohn's and Colitis)
- 1 publication in a journal with IF = 6.196 (Carbon)
- 1 publication in a journal with IF = 6.155 (Nanomedicine: Nanotechnology, Biology, and Medicine)
- 1 publication in a journal with IF = 6.025 (Acta Biomaterialia)
- 2 publications in a journal with IF = 5.933 (Tobacco Control)
- 1 publication in a journal with IF = 5.900 (American Journal of Kidney Diseases)
- 1 publication in a journal with IF = 5.814 (Haematologica)
- 1 publication in a journal with IF = 5.800 (Macromolecules)
- 1 publication in a journal with IF = 5.750 (Biomacromolecules)
- 2 publications in a journal with IF = 5.727 (Alimentary Pharmacology and Therapeutics)
- 2 publications in a journal with IF = 5.723 (Medicine; analytical reviews of general medicine, neurology, psychiatry, dermatology, and pediatrics)
- 1 publication in a journal with IF = 5.680 (Movement Disorders)
- 1 publication in a journal with IF = 5.598 (Clinical Science)
- 3 publications in a journal with IF = 5.447 (Journal of Medicinal Chemistry)
- 1 publication in a journal with IF = 5.383 (European Journal of Nuclear Medicine and Molecular Imaging)
- 1 publication in a journal with IF = 5.339 (European Journal of Epidemiology)
- 1 publication in a journal with IF = 5.338 (Genome Medicine)
- 1 publication in a journal with IF = 5.334 (Carcinogenesis)
- 1 publication in a journal with IF = 5.333 (Epigenetics and Chromatin)
- 1 publication in a journal with IF = 5.282 (Journal of Thoracic Oncology)
- 1 publication in a journal with IF = 5.230 (American Journal of Epidemiology)
- 1 publication in a journal with IF = 5.162 (Biochimica et Biophysica Acta – Molecular and Cell Biology of Lipids)
- 1 publication in a journal with IF = 5.144 (Human Mutation)
- 2 publications in a journal with IF = 5.085 (International Journal of Cancer)
- 1 publication in a journal with IF = 5.003 (American Journal of Medicine)



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<sup>1</sup> 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)

**SVOBODA, Miroslav** - SLYŠKOVÁ, Jana - SCHNEIDEROVÁ, Michaela - MAKOVICKÝ, Peter - BIELIK, Ľudovít - LEVÝ, Miroslav - LIPSKÁ, Ludmila - HEMMELOVÁ, Beata - KALA, Zdeněk - PROTIVANKOVÁ, Markéta - VYČÍTAL, Ondřej - LIŠKA, Václav - SCHWARZOVÁ, Lucie - VODIČKOVÁ, Ludmila - VODIČKA, Pavel: *HOTAIR long non-coding RNA is a negative prognostic factor not only in primary tumors, but also in the blood of colorectal cancer patients*. *Carcinogenesis*, 2014, 35(7), 1510-1515. ISSN 0143-3334. IF = 5.334 (2014)

Publications in journals with the highest IF in 2014. in which authors from the First Faculty of Medicine published

2014 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
21.896–55.873	16	10
10.377–17.565	25	2
8.286–9.329	12	4
6.025–7.528	19	6
5.003–5.933	27	3

Total publishing output of the First Faculty of Medicine in 2011–2014

Type of document	Points	2011	2012	2013	2014
Primary publication in scientific / professional journal with IF (multicentre study in scientific / professional journal with IF)	7	418	514	467	564
Primary publication in scientific / professional journal without IF (multicentre study in scientific / professional journal without IF)	2/1.5	281	325	234	286
Synoptic article in scientific / professional journal with IF (multicentre study in scientific / professional journal with IF)	10	43	44	62	67
Synoptic article in scientific / professional journal without IF (multicentre study in scientific / professional journal without IF)	3/2	416	347	401	385
Translation of article in scientific / professional journal, or of chapter in monograph to/from Czech language	@ 0.25/0.5	0	8	1	17
Case study	3.5/1/ 0.75	57	47	67	47
Primary article in newspaper or popularizing scientific journal	0.2	29	54	29	66
Other types of articles in scientific / professional journals	0.2	119	84	100	62
Biographic article (anniversary, obituary) in scientific / professional journal	0.2	12	6	a)	a)
Reports of conferences and professional association sessions in scientific / professional journals	0.2	15	18	a)	a)
Letter to the editors in scientific / professional journals with IF	2	15	20	9	16
Letter to the editors in scientific / professional journals without IF	0.5	5	2	1	4
Editorial in scientific / professional journals with IF	1	n. a.	n. a.	6	19
Editorial in scientific / professional journals without IF	0.25	n. a.	n. a.	13	27
Multicentre study in scientific / professional journal with IF*)	7	13	10	b)	b)
Multicentre study in scientific / professional journal without IF*)	2/1.5	9	1	c)	c)
Publication in proceedings/collection, entry in Pharmindex, Repetitorium, Doporučené postupy in Czech / Slovak language	1	102	61	66	75
Publication in proceedings/collection in other than Czech / Slovak language	2	29	16	2	25
Chapters in monographs in Czech / Slovak language**)	@ 0.5	190	74	154	44
Chapters in monographs in other than Czech / Slovak language **)	@ 1	36	39	39	29
Monograph in Czech / Slovak language **)	@ 0.5	39	31	34	51
Monograph in other than Czech / Slovak language **)	@ 1	1	2	6	b)
Textbooks, cyclopaedias, manuals, reference books, dictionaries, popularizing literature in Czech / Slovak language **)	@ 0.5/ @ 0.2	120	96	22	c)
Textbooks, cyclopaedias, manuals, reference books, dictionaries, popularizing literature in other than Czech / Slovak language **)	@ 1/ @ 0.4	3	3	2	75

Type of document	Points	2011	2012	2013	2014
Patents and inventions, methods	10	4	4	2	4
Doctorate and professor degree dissertations and theses, MBA theses	2	12	10	12	12
Scientific/educational presentations: audio, CD, film, video, DVD, 3D, multimedia, data file, SW, expert system, www-document, e-learning material	2	33	16	4	18
Any other abstracts, miscellaneous (all except for the category conference abstracts)	0.15/ @ 0.15/0.3	210	157	153	38
Total number of publications <sup>1/</sup>		2 211	1 989	1 886	1 892
Number of authors from the First Faculty of Medicine <sup>2/</sup>		1 297	1 464	1 511	1 494
Total IF of publications in the category primary/synoptic article with IF <sup>3/</sup>		1 483.7	2 011.4	1 989.4	2 302.2
Number of authors from the First Faculty of Medicine, publishing in journals with IF <sup>4/</sup>		639	757	753	756
Number of quotations in SCI <sup>5/</sup>		20 020	23 058	26 304	29 072
Number of authors from the First Faculty of Medicine, quoted in SCI <sup>6/</sup>		891	1 061	1 081	1 107

\*) 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

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

\*\*) 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

<sup>1/</sup> number of entries in the bibliographic data base

<sup>2/</sup> number of authors whose total IF + SCI + BIB > 0.0000

<sup>3/</sup> 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)

<sup>4/</sup> number of authors whose total IF > 0.0000

<sup>5/</sup> 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)

<sup>6/</sup> number of authors whose total SCI > 0

#### Bibliography, SCI, IF points – by organization units – conversion to full-time positions of academic staff – TOP 40 – 2014

Standing after conversion to full-time positions	Organization unit	BIB	SCI <sup>1</sup>	IF	BIB + 2 × SCI + 3 × IF <sup>2</sup>
1.	3 <sup>rd</sup> Department of Medicine	487.15	370.03	314.09	2,169.49
2.	Institute of Clinical Biochemistry & Laboratory Medicine	215.83	328.45	98.98	1,169.67
3.	Department of Neurology	217.77	244.33	125.99	1,084.40
4.	Department of Gynaecology and Obstetrics	279.08	210.64	88.12	964.73
5.	Institute of Inherited Metabolic Disorders	79.33	214.24	113.90	849.50
6.	Department of Psychiatry	229.13	125.35	78.43	715.12
7.	Dept. of Rheumatology of First Faculty of Medicine and Rheumatology Institute	110.81	122.84	114.73	700.70
8.	Institute of Pathological Physiology	81.12	143.28	81.78	613.02
9.	Institute of Anatomy	108.88	178.05	48.52	610.55
10.	4 <sup>th</sup> Department of Medicine – Department of Gastroenterology and Hepatology	133.34	185.76	23.95	576.70
11.	Institute of Cell Biology and Pathology	91.39	73.41	96.28	527.06
12.	Institute of Biology and Medical Genetics	78.91	74.66	85.04	483.35

Standing after conversion to full-time positions	Organization unit	BIB	SCI <sup>1</sup>	IF	BIB + 2 × SCI + 3 × IF <sup>2</sup>
13.	2 <sup>nd</sup> Department of Medicine – Department of Cardiology and Angiology	131.49	106.75	44.08	477.23
14.	Department of Paediatrics & Adolescent Medicine	87.67	107.16	57.10	473.31
15.	Dept. of ENT and Head & Neck Surgery at Motol TH	116.40	76.26	64.68	462.96
16.	Institute of Immunology and Microbiology	45.09	100.56	46.43	385.51
17.	Department of Anaesthesiology, Resuscitation and Intensive Care	89.96	31.31	64.07	344.80
18.	Department of Orthopaedics at Motol TH	99.21	87.60	19.43	332.70
19.	Department of Occupational Medicine	87.45	56.04	40.24	320.24
20.	Department of Nephrology	64.05	66.14	33.40	296.53
21.	1 <sup>st</sup> Department of Surgery – Dept. of Abdominal, Thoracic Surgery and Traumatology	150.49	46.21	8.83	269.40
22.	Department of Neurosurgery at Military University Hospital Prague	80.92	36.61	37.25	265.88
23.	Department of Stomatology*)	124.07	51.68	9.80	256.81
24.	Medical Department at Military University Hospital Prague	58.92	51.32	27.63	244.46
25.	Institute of Physiology	67.72	28.70	29.04	212.22
26.	Department of Geriatrics	24.31	72.62	13.06	208.75
27.	Department of Addictology	81.06	31.13	18.92	200.08
28.	Institute of Biochemistry & Experimental Oncology	27.76	78.40	3.80	195.97
29.	Institute of Hygiene and Epidemiology	55.46	35.87	19.07	184.41
30.	Department of Orthopaedics at Na Bulovce Hospital	125.50	1.00	18.19	182.06
31.	Department of Urology	85.94	22.80	14.58	175.27
32.	3 <sup>rd</sup> Department of Surgery at Motol TH	55.72	25.46	22.06	172.82
33.	Institute for History of Medicine and Foreign Languages	130.38	20.11	0.00	170.60
34.	Department of Oncology at Thomayer Hospital	53.65	14.55	28.26	167.55
35.	Dept. of Infectious & Tropical Diseases at Na Bulovce Hospital	30.67	21.69	29.47	162.45
36.	Institute of Pharmacology	42.08	35.62	13.11	152.64
37.	Department of Oncology	39.21	27.15	18.04	147.62
38.	1 <sup>st</sup> Department of Medicine – Department of Haematology	26.45	45.40	9.11	144.58
39.	Institute of Humanitarian Studies in Medicine	22.67	20.81	26.52	143.86
40.	Department of Radiodiagnostics	79.77	17.35	8.76	140.76
41.	Department of Radiodiagnostics	13.65	36.18	11.90	121.70
42.	Institute of Pathology	25.30	30.17	11.39	119.81
43.	Institute of Biophysics and Informatics	25.74	15.95	18.23	112.32
44.	Dept. of Gynaecology & Obstetrics at Na Bulovce Hospital	36.79	13.51	15.36	109.89
45.	Institute of Sexology	38.92	23.46	1.71	90.98
46.	Department of Ophthalmology	47.52	7.87	6.70	83.35
47.	Department of Orthopaedics	23.27	1.17	14.66	69.60
48.	Department of Plastic Surgery at Na Bulovce Hospital	24.52	6.64	10.10	68.11
49.	2 <sup>nd</sup> Department of Surgery – Dept. of Cardiovascular Surgery	19.90	10.72	7.97	65.23
50.	Department of Pneumology at Thomayer Hospital	47.89	8.31	0.00	64.52
51.	Institute of Histology and Embryology	4.59	18.99	4.77	56.88
52.	Institute of General Practice	25.94	9.06	2.06	50.25

Standing after conversion to full-time positions	Organization unit	BIB	SCI <sup>1</sup>	IF	BIB + 2 × SCI + 3 × IF <sup>2</sup>
53.	Department of Rehabilitation Medicine	34.30	5.21	0.00	44.72
54.	Dept. of Anaesthesiology, Resuscitation and Intensive Care at Central Military Hospital	34.97	0.18	3.13	44.71
55.	Department of Infectious Diseases	4.87	12.51	3.81	41.33
56.	Department of Dermatovenereology	17.93	8.08	1.85	39.66
57.	Institute of Nursing Theory and Practice	33.22	0.00	0.16	33.70
58.	Institute of Public Health and Medical Law	17.30	7.50	0.00	32.30
59.	Department of Surgery at Thomayer Hospital	8.21	9.93	1.10	31.37
60.	Institute of Clinical & Experimental Haematology	2.00	11.26	0.42	25.76
61.	Department of Ophthalmology at Military University Hospital Prague	22.32	0.78	0.00	23.87
62.	Department of Phoniatics	13.83	1.62	2.13	23.47
63.	Institute of Sports Medicine	2.53	6.03	1.41	18.84
64.	Institute of Nuclear Medicine	4.32	6.54	0.17	17.91
65.	Institute of Radiation Oncology at Na Bulovce Hospital	1.39	7.69	0.00	16.77
66.	Department of Surgery at Na Bulovce Hospital	7.47	3.53	0.25	15.29
67.	Department of Paediatrics at Thomayer Hospital	6.62	3.39	0.00	13.40
68.	Department of Oncology at Central Military Hospital	5.10	3.51	0.00	12.12
69.	1 <sup>st</sup> Department of Tuberculosis and Respiratory Diseases	4.12	2.67	0.58	11.19
70.	Department of Radiodiagnostics at Na Bulovce Hospital	3.40	0.14	0.75	5.94
71.	Dept. of Anaesthesiology and Resuscitation at Thomayer Hospital	0.21	0.73	0.89	4.34
72.	Institute of Scientific Information	3.00	0.00	0.00	3.00
73.	Centre of Experimental Biomodels	0.00	0.30	0.00	0.60
74.	Institute of Physical Education	0.00	0.00	0.00	0.00

<sup>1</sup> Distribution of the shares of SCI 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.

<sup>2</sup> BIB/SCI/IF have been weighted in the total as 1:2:3 respectively (as decided by the Scientific Board of the Faculty on 31 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.

\*) This clinical department was created on 1 September 2014 through merging two units (Institute of Clinical and Experimental Stomatology and the Department of Stomatology). In the surveys, the data of the two units are summed up.

#### Bibliography, SCI, IF – by organization units – conversion to full-time positions of academic staff – TOP 40 – 2014

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 <sup>1</sup>
1.	Department of Oncology at Thomayer Hospital	0.90	59.61	16.17	31.40	186.164
2.	Dept. of Rheumatology of First Faculty of Medicine and Rheumatology Institute	3.85	28.78	31.91	29.80	181.999
3.	Institute of Inherited Metabolic Disorders	9.80	8.09	21.86	11.62	86.684
4.	Department of Occupational Medicine	3.80	23.01	14.75	10.59	84.274
5.	Department of Anaesthesiology, Resuscitation and Intensive Care	4.60	19.56	6.81	13.93	74.957
6.	Dept. of ENT and Head & Neck Surgery at Motol TH	7.15	16.28	10.67	9.05	64.749



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 <sup>1</sup>
7.	3 <sup>rd</sup> Department of Medicine – Dept. of Endocrinology & Metabolism	36.05	13.51	10.26	8.71	60.180
8.	Medical Department at Military University Hospital Prague	4.20	14.03	12.22	6.58	58.204
9.	Department of Geriatrics	3.70	6.57	19.63	3.53	56.418
10.	Department of Neurosurgery & Neurooncology at Military University Hospital Prague	4.90	16.51	7.47	7.60	54.261
11.	Department of Neurology	20.65	10.55	11.83	6.10	52.513
12.	Department of Gynaecology and Obstetrics	19.35	14.42	10.89	4.55	49.857
13.	Institute of Clinical Biochemistry & Laboratory Medicine	24.75	8.72	13.27	4.00	47.259
14.	Department of Orthopaedics at Motol TH	7.15	13.88	12.25	2.72	46.531
15.	Dept. of Orthopaedics at Military University Hospital Prague	1.50	15.51	0.78	9.78	46.397
16.	Department of Psychiatry	16.35	14.01	7.67	4.80	43.738
17.	Institute of Sexology	2.20	17.69	10.67	0.78	41.356
18.	Dept. of Infectious & Tropical Diseases at Na Bulovce Hospital	4.05	7.57	5.36	7.28	40.112
19.	Department of Plastic Surgery at Na Bulovce Hospital	1.75	14.01	3.79	5.77	38.922
20.	Department of Nephrology	7.85	8.16	8.43	4.25	37.774
21.	2 <sup>nd</sup> Department of Medicine – Department of Cardiology and Angiology	13.10	10.04	8.15	3.36	36.430
22.	Department of Orthopaedics at Na Bulovce Hospital	5.20	24.13	0.19	3.50	35.012
23.	Institute of Biology and Medical Genetics	14.20	5.56	5.26	5.99	34.039
24.	Institute of Anatomy	19.24	5.66	9.25	2.52	31.733
25.	4 <sup>th</sup> Department of Surgery – Department of Gastroenterology and Hepatology	18.40	7.25	10.10	1.30	31.343
26.	Department of Urology	5.90	14.57	3.86	2.47	29.706
27.	Department of Pediatrics and Adolescent Medicine	15.95	5.50	6.72	3.58	29.674
28.	Dept. of Gynaecology & Obstetrics at Na Bulovce Hospital	3.80	9.68	3.56	4.04	28.919
29.	Department of Pneumology at Thomayer Hospital	2.35	20.38	3.54	0.00	27.454
30.	Department of Oncology at Military University Hospital Prague	0.45	11.32	7.81	0.00	26.943
31.	Institute of Cell Biology and Pathology	21.25	4.30	3.45	4.53	24.803
32.	Institute of Pathological Physiology	25.70	3.16	5.58	3.18	23.853
33.	Institute of Forensic Medicine and Toxicology	5.15	2.65	7.02	2.31	23.630
34.	Department of Oncology	6.30	6.22	4.31	2.86	23.432
35.	Institute of Hygiene and Epidemiology	8.10	6.85	4.43	2.35	22.766
36.	Department of Radiology	6.20	12.87	2.80	1.41	22.703
37.	Institute of Immunology and Microbiology	17.80	2.53	5.65	2.61	21.658
38.	Department of Anaesthesiology, Resuscitation and Intensive Care at Military University Hospital Prague	2.15	16.26	0.08	1.46	20.795
39.	3 <sup>rd</sup> Department of Surgery at Motol TH	9.05	6.16	2.81	2.44	19.096
40.	1 <sup>st</sup> Department of Surgery – Dept. of Abdominal, Thoracic Surgery and Traumatology	14.85	10.13	3.11	0.59	18.141

For the purpose of calculation of sums total for particular units, the totals of positions only include academic positions (professors, associate professors, assistant professors, assistants and lecturers).

<sup>1/</sup> BIB/SCI/IF have been weighted in the total as 1:2:3 respectively (as decided by the Scientific Board of the Faculty on 31<sup>st</sup> 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.

## DEVELOPMENT OF PUBLISHING ACTIVITY IN JOURNALS WITH IF NUMBER OF PUBLICATIONS – TOTAL IF 2011–2014

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.

IF 2014	Total number of publications with participation of authors from the Faculty	Number of publications where the author from the Faculty is at the first or last place or is the corresponding author
21.896 - 55.873	16	0
10.377 - 17.565	25	2
8.286 - 9.329	12	4
6.025 - 7.528	19	6

Number of publications in journals with impact factor (2011–2014)

INTERVAL IF	2011			2012			2013			2014		
	Primary	Synoptic	Total	Primary	Synoptic	Total	Primary	Synoptic	Total	Primary	Synoptic	Total
50.000–59.999	0	0	0	0	0	0	0	0	0	3	0	3
40.000–49.999	0	0	0	0	0	0	0	0	0	2	0	2
30.000–39.999	3	0	3	3	0	3	3	0	3	1	0	1
20.000–29.999	1	1	2	1	1	2	1	1	2	5	0	5
15.000–19.999	0	0	0	0	0	0	0	0	0	7	2	9
10.000–14.999	7	1	8	7	1	8	7	1	8	16	1	17
9.000–9.999	4	0	4	4	0	4	4	0	4	3	0	3
8.000–8.999	13	2	15	13	2	15	13	2	15	7	1	8
7.000–7.999	5	1	6	5	1	6	5	1	6	5	1	6
6.000–6.999	5	0	5	5	0	5	5	0	5	8	1	9
5.000–5.999	16	0	16	16	0	16	16	0	16	20	4	24
4.000–4.999	43	1	44	43	1	44	43	1	44	37	6	43
3.000–3.999	65	6	71	65	6	71	65	6	71	125	9	134
2.000–2.999	95	6	101	95	6	101	95	6	101	92	11	103
1.000–1.999	113	10	123	113	10	123	113	10	123	157	21	178
0.001–0.999	41	15	56	41	15	56	41	15	56	76	10	86
<b>TOTAL</b>	<b>411</b>	<b>43</b>	<b>454</b>	<b>411</b>	<b>43</b>	<b>454</b>	<b>411</b>	<b>43</b>	<b>454</b>	<b>564</b>	<b>67</b>	<b>631</b>

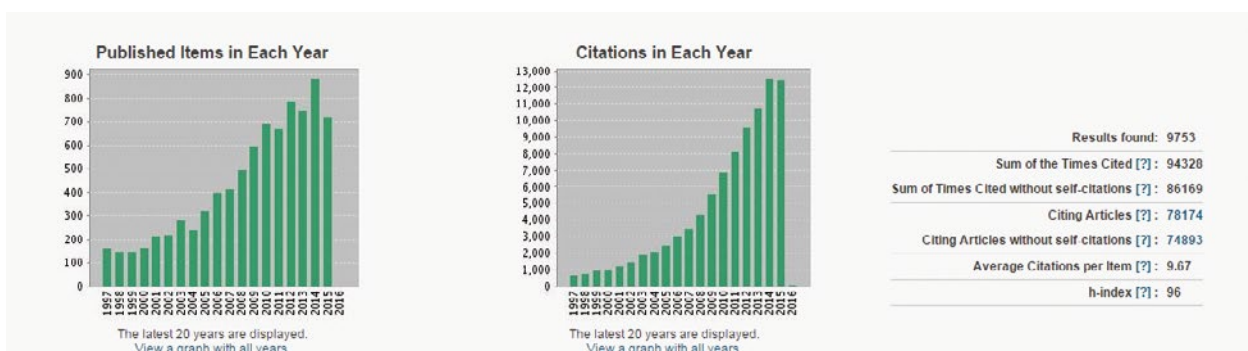
## HIRSCH INDEX



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 31<sup>st</sup> December 2007 the h-index was 46, by 31<sup>st</sup> December 2009 it has reached the value of h-index = 55, by 31<sup>st</sup> December 2011 the h-index = 68, by 31<sup>st</sup> December 2013 the h-index = 80, and by 31<sup>st</sup> December 2015 it reached as high as h-index = 96.

Hirsch index of authors from the First Faculty of Medicine 2010–2015

H-index	2010	2011	2012	2013	2014	2015
70–79	0	0	0	0	1	1
60–69	1	1	1	1	0	0
50–59	0	0	0	1	1	1
40–49	0	2	2	1	1	2
30–39	3	3	4	8	9	13
20–29	10	14	19	22	25	27
15–19	33	32	31	46	45	50
10–14	64	81	102	109	124	141
5–9	238	254	261	287	318	308



H-index – authors from the First Faculty of Medicine who achieved  $h \geq 8$  in 2015

Author (surname, first name)	h-index	Author (surname, first name)	h-index	Author (surname, first name)	h-index
Městecký, Jiří	72	Stříž, Ilja	20	Jirsa, Milan	15
Prchal, Josef	53	Šonka, Karel	20	Křepelová, Anna	15
Martásek, Pavel	43	Aschermann, Michael	19	Pelclová, Daniela	15
Pavelka, Karel	41	Bednár, Ján	19	Petrák, Jiří	15
Pravenec, Michal	39	Horký, Karel	19	Povýšil, Ctibor	15
Říhová, Blanka	37	Jech, Robert	19	Schreiber, Vratislav	15
Štěpán, Jan	37	Jonák, Jiří	19	Šmíd, František	15
Haluzík, Martin	34	Křenová, Drahomíra	19	Wichterle, Dan	15
Tlaskalová - Hogenová, Helena	34	Melenovský, Vojtěch	19	Žák, Aleš	15
Bencko, Vladimír	33	Nečas, Emanuel	19	Živný, Jan	15
Křen, Vladimír	32	Papežová, Hana	19	Doležalová, Pavla	14
Vodička, Pavel	32	Poučková, Pavla	19	Farghali, Hassan	14
Cífková, Renata	31	Růžička, Evžen	19	Hradec, Jaromír	14
Havrdová, Eva	31	Stopka, Tomáš	19	Kemlink, David	14
Tesař, Vladimír	31	Čermák, Jaroslav	18	Krijt, Jakub	14
Nevšímalová, Soňa	30	Češka, Richard	18	Plzánková, Zuzana	14
Raška, Ivan	30	Hubálek Kalbáčová, Marie	18	Raboch, Jiří	14
Navrátil, Tomáš	28	Kolářová, Libuše	18	Seidl, Zdeněk	14
Vencovský, Jiří	26	Lacinová, Zdeňka	18	Šedo, Aleksi	14
Zeman, Jiří	26	Nohýnková, Eva	18	Tesařová, Markéta	14
Linhart, Aleš	25	Zemanová, Zuzana	18	Topinková, Eva	14
Smetana, Karel	25	Druga, Rastislav	17	Vyoral, Daniel	14
Škrha, Jan	25	Haluzíková, Denisa	17	Widimský, Jiří	14
Zima, Tomáš	25	Hansíková, Hana	17	Balíková, Marie	13
Cibula, David	24	Hřebíček, Martin	17	Befekadu, Asfaw	13
Kmoch, Stanislav	24	Kalousová, Marta	17	Bob, Petr	13
Halata, Zdeněk	23	Křepela, Evžen	17	Borovanský, Jan	13
Marek, Josef	23	Lancôt, Christian	17	Büchler, Tomáš	13
Holcátová, Ivana	22	Štípek, Stanislav	17	Cmarko, Dušan	13
Peterka, Miroslav	22	Tvrzická, Eva	17	Crkovská, Jiřina	13
Sedmera, David	22	Zvolský, Petr	17	Fialová, Lenka	13
Vítek, Libor	22	Dyr, Jan	16	Gatterová, Jindřiška	13
Dvořánková, Barbora	21	Frič, Přemysl	16	Grund, Jean-Paul	13
Hynie, Sixtus	21	Janků, Filip	16	Halaška, Michael	13
Kožich, Viktor	21	Kršek, Michal	16	Heissigerová, Jarmila	13
Michalová, Kyra	21	Ledvinová, Jana	16	Holada, Karel	13
Petruželka, Luboš	21	Otová, Berta	16	Hůlková, Helena	13
Vodičková, Ludmila	21	Šenolt, Ladislav	16	Jáchymová, Marie	13
Grim, Miloš	20	Trněný, Marek	16	Klamová, Hana	13
Kořínek, Josef	20	Zikán, Michal	16	Klaschka, Jan	13
Kunešová, Marie	20	Betka, Jan	15	Kleibl, Zdeněk	13
Lukáš, Milan	20	Hána, Václav	15	Kornalík, František	13

Author (surname, first name)	h-index
Pacft, Ivo	13
Perlík, František	13
Petrovický, Pavel	13
Plzák, Jan	13
Prokešová, Ludmila	13
Pytlík, Robert	13
Roth, Jan	13
Sosna, Antonín	13
Staňková, Barbora	13
Svačina, Štěpán	13
Šeda, Ondřej	13
Škvor, Jiří	13
Vaněčková, Manuela	13
Vítek, Antonín	13
Vokurka, Martin	13
Zadinová, Marie	13
Zavoral, Miroslav	13
Zelinka, Tomáš	13
Beneš, Vladimír	12
Dundr, Pavel	12
Fenclová, Zdenka	12
Fischerová, Daniela	12
Horáková, Dana	12
Hořínek, Aleš	12
Houšťková, Hana	12
Chovanec, Martin	12
Julák, Jaroslav	12
Klener, Pavel	12
Klener, Pavel	12
Kobylka, Petr	12
Krásenský, Jan	12
Langmeier, Miloš	12
Malík, Jan	12
Marinov, Iuri	12
Muchová, Lucie	12
Neuwirtová, Radana	12
Novotný, Ladislav	12
Paleček, Tomáš	12
Pařízek, Antonín	12
Pinskerová, Věra	12
Pláteník, Jan	12
Pokorný, Jaroslav	12
Prázný, Martin	12
Síkora, Jakub	12

Author (surname, first name)	h-index
Šedová, Lucie	12
Špička, Ivan	12
Štork, Jiří	12
Urgošik, Dušan	12
Vachtenheim, Jiří	12
Barešová, Veronika	11
Boudová, Lea	11
Broulík, Petr	11
Bušková, Jitka	11
Calda, Pavel	11
Đuricová, Dana	11
Dušková, Jaroslava	11
Fišar, Zdeněk	11
Gál, Peter	11
Holaj, Robert	11
Hoza, Jozef	11
Ješina, Pavel	11
Jirsová, Kateřina	11
Klenerová, Věra	11
Kostrouchová, Marta	11
Lacina, Lukáš	11
Matouš-Malbohan, Ivan	11
Merta, Miroslav	11
Plavka, Richard	11
Pohlreich, David	11
Pohlreich, Petr	11
Poupětová, Helena	11
Šámal, Martin	11
Štrauch, Branislav	11
Štulc, Tomáš	11
Tomčík, Michal	11
Veselá, Kateřina	11
Vrablík, Michal	11
Weiss, Petr	11
Berná, Linda	10
Cetkovský, Petr	10
Čertíková-Chábová, Věra	10
Dvořáková, Lenka	10
Hartmannová, Hana	10
Jansa, Pavel	10
Klement, Petr	10
Krijt, Jan	10
Lebeda, Ondřej	10
Lebedová, Jindřiška	10

Author (surname, first name)	h-index
Límanová, Zdeňka	10
Lišková, Petra	10
Mašata, Jaromír	10
Mikula, Ivan	10
Olejárová, Marta	10
Pavlišťová, Lenka	10
Pisačka, Martin	10
Ryšavá, Romana	10
Schwarz, Jiří	10
Slanař, Ondřej	10
Slyšková, Jana	10
Šefc, Luděk	10
Urban, Pavel	10
Urbánek, Petr	10
Vecka, Marek	10
Vevera, Jan	10
Vymetálková, Veronika	10
Zvárová, Jana	10
Živný, Jaroslav	10
Bělohávek, Jan	9
Bláha, Jan	9
Bortlík, Martin	9
Bradna, Pavel	9
Brůha, Radan	9
Bříza, Tomáš	9
Čada, Zdeněk	9
Daneš, Jan	9
Dungl, Pavel	9
Dušek, Petr	9
Dvořáček, Jan	9
Eliška, Oldřich	9
Fanta, Michael	9
Fialová, Daniela	9
Fried, Martin	9
Honzík, Tomáš	9
Jahoda, David	9
Jirkovská, Marie	9
Kameníková, Ludmila	9
Kleiblová, Petra	9
Klozar, Jan	9
Kocna, Petr	9
Kohoutová, Milada	9
Kučerová, Zdenka	9
Kužel, David	9

Author (surname, first name)	h-index
Leníček, Martin	9
Lincová, Dagmar	9
Lopot, František	9
Mára, Michal	9
Martan, Alois	9
Matoulek, Martin	9
Mělková, Zora	9
Petrák, Ondřej	9
Petrtyl, Jaromír	9
Pokorný, David	9
Seifert, Bohumil	9
Skácel, Tomáš	9
Sokolová, Jitka	9
Stránecký, Viktor	9
Strouhal, Eugen	9
Šída, Pavel	9
Štulík, Jan	9
Tegzová, Dana	9
Vítek, František	9
Astl, Jaromír	8
Balík, Martin	8
Barkmanová, Jaroslava	8
Bartoníček, Jan	8
Baxová, Alice	8
Bečvář, Radim	8
Dobrovolný, Robert	8
Dohnalová, Alena	8
Foltán, René	8

Author (surname, first name)	h-index
Forejtová, Šárka	8
Hagen, Guy Michael	8
Holub, Michal	8
Hrušková, Zdenka	8
Janota, Tomáš	8
Jarošová, Kateřina	8
Ježková, Jana	8
Karban, Josef	8
Karetová, Debora	8
Kazda, Antonín	8
Kittnar, Otomar	8
Králíková, Eva	8
Kučera, Tomáš	8
Landor, Ivan	8
Lipská, Ludmila	8
Maixnerová, Dita	8
Marešová, Dana	8
Martínek, Jindřich	8
Maruna, Pavel	8
Mráz, Miloš	8
Myslivoček, Jaromír	8
Naňka, Ondřej	8
Nosková, Lenka	8
Novák, František	8
Příhodová, Iva	8
Ptáček, Radek	8
Reiterová, Jana	8
Sláma, Jiří	8

Author (surname, first name)	h-index
Smutek, Daniel	8
Soukupová Maaloufová, Jacqueline	8
Springer, Drahomíra	8
Stibůrek, Lukáš	8
Stibůrková, Blanka	8
Šebesta, Ivan	8
Štekrová, Jitka	8
Šulc, Karel	8
Švábík, Kamil	8
Tulupova, Elena	8
Valášek, Petr	8
Vavřík, Pavel	8
Vejražka, Martin	8
Vyskočil, Tomáš	8
Závadová, Eva	8
Zeman, Miroslav	8





*PhDr. Hana Skálová*  
*Head of the Institute of Scientific Information*

As a joint institution of the First Faculty of Medicine and the General University Hospital in Prague, the Institute of Scientific Information provided services in the past year in order to meet the users' requirements as well as to develop new agendas. All the activities, services and scope of the Institute are described at the new web pages, which were launched at the turn of the academic year 2015–2016.

With its public specialized library, the Institute of Scientific Information had 7,728 registered users by 31<sup>st</sup> December 2015, of which 1,011 were University staff and students, 5,823 undergraduate and graduate students of the Faculty, 458 Faculty staff members, 93 General University Hospital in Prague staff members, 214 users from among general public and 129 fellows.

#### **LIBRARY**

The cornerstone of functioning of a library is acquisition of materials, which is based on expertise of the respective staff. In 2015, as in the years before, this activity was focused on obtaining both printed and electronic resources that all categories of users need. The choice was directed by educators' recommendations, students' requirements as well as continuous monitoring of both printed and electronic production of publishers. Besides, a newly introduced web form enables each user of the library, be they teachers or students, to initiate the purchase of a new item needed.

During 2015, the total number of library operations performed was 214,715 (69,513 items loaned, 64,054 items returned, 81,148 loans prolonged). The loan protocol is daily visited by 300–400 users on average (loans, reference services, SafeQ printing system, copying, scanning). In the study room, 134 standard seats are available to registered users, plus 12 seats at computers to enable studying e-books and other e-resources. The study room is open for 54 hours a week and the average daily occupation rate is 90 per cent.

Although the number of documents published in electronic form has been still increasing, the demand for interlibrary and international loan services does not sink. Last year again, the Institute provided the necessary documents for the staff of the Faculty and the General University Hospital in Prague, both in paper and electronic form, also from other libraries that possess such documents. The interlibrary loan services are performed reciprocally, i.e. from our sources beyond our section. In 2015, more than 2,000 requests were settled, which was approximately the same number as in the year before.

#### **SECTION OF COLLECTION MANAGEMENT**

As the revision of the library collection held at the departments and institutes was finished in 2014, gradual re-cataloguing of the collection began. It is only the staff of the Institute of Scientific Information that has been performing this task. During 2015, the total number of 1,995 library items (including monographs and series of periodicals) were processed. To date, collections of 13 branch libraries (out of 46) have been completely processed.

#### **SECTION OF PROCESSING OF HISTORIC LIBRARY ITEMS**

During the revision that had been done in the past few years, the issues of historic library collections kept at particular units of the Faculty and the General University Hospital in Prague arose. So far no one has been engaged in their professional management, i.e. arrangement, complete cataloguing, treatment and appropriate keeping. Thanks to favourable circumstances in 2015, there is a solid foundation for the solution in terms of space, technology and specialist staff.

Gradually we have been visiting some partner institutions that have long rich experience with historic library collections, and in cooperation with operators of the electronic system at Charles University we have prepared everything that is needed for the entry (identifying) description in the Aleph library system. Much helpful have been our colleagues from the National Library of the Czech Republic, the Library of the Academy of Sciences of the Czech Republic, Moravian Regional Library and the Library of the National Museum. In cooperation with the latter library, we are going to participate in the project *Provenio* (<http://www.provenio.net>), which is intended to trace the journeys of books throughout their lives.

Digitalization of the complete set of the 107 volumes of the journal *Sborník lékařský* [Medical Collection] was finished. Between 1887 and 2003, this journal was published with changing titles, such as *Sborník lékařský, časopis pro pěstování vědy lékařské* (1887–1893), *Sborník poliklinický* (1898–1899), *Sborník klinický* (1900–1907), *Sborník lékařský* (1908–2003). Since 2003, it has had the title *Prague Medical Report* and included an electronic version as well.

Also digitalization of historic textbooks and monographs by authors from the First Faculty of Medicine, or rather its predecessor Faculty of General Medicine, has been in process. Of this “conservation fund of textbooks”, 71 items have been transferred to digital form so far. In 2016, we intend gradual opening of access to these digitalized documents in the form of the digital library.

#### SECTION OF REFERENCE SERVICES AND MANAGEMENT OF E-RESOURCES

The Section of Reference Services and Management of E-resources is in charge of complete management of electronic information resources, i.e. the agenda of licences, parameters of access, solution of technical problems, information about the resources offered etc. At the time, we offer access to more than 70 licenced resources available – bibliographic, full-text and general reference data bases, collections of e-journals and e-books.

The basic bibliographic and reference data bases (MEDLINE, EMBASE, EBM Reviews, MicroMedex, Scopus) were covered by the funds of Charles University, Web of Science™ (WoS) 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 1<sup>st</sup> December 2014; this was purchased for 2015. The Institute of Scientific Information has always had and always will try to ensure access to electronic resources with clinical use for both the Faculty and the General University Hospital in Prague, i.e. that the General University Hospital in Prague may be looked upon as a “university hospital” in terms of licencing policy.

The activity of the Section in the past year was focused, above all, on revision of resources purchased by Charles University and coordination of purchases of e-resources with the Central Library of Charles University. The First Faculty of Medicine has completely updated the full survey of its resources in the university resource system Verde. The Central Library chose to purchase the EDS discovery system, which will enable considerably facilitated searching in e-resources that are available at the University. An opinion pool among students decided to adopt the name UKAŽ for the system.

Charles University is a member of the national consortium for purchasing e-resources, which is organized by the National Technical Library (NTL) in Prague. The licence contracts (and therefore the prices too) are negotiated as valid till 2020, and the supporting subsidy expires on 31<sup>st</sup> December 2017. The NTL project of CzechELib, a national licensing centre, was revived. Through this centre, all the essential e-resources for education and research in the Czech Republic should be secured, through national licences if possible.

According to statistics, the use of electronic information resources is remarkably on the increase, particularly the use of electronic journals. The reasons for the increase definitely include the possibility of remote access and standing promotion of work with e-resources. Acquisition of resources for the coming period is based not only on statistics but naturally on the users current needs as well. One of the major purposes of the new web pages of the Institute is simple and clear presentation of all e-resources that are available at Charles University.

Another service offered by the Institute is literature search in the purchased resources. Work with e-resources is also part of training in all accredited non-medical study fields which the Institute is involved in.

#### SECTION OF BIBLIOGRAPHIC RECORDING OF PUBLISHING ACTIVITIES AND EVALUATION OF SCIENTIFIC WORK AT THE FIRST FACULTY OF MEDICINE

This Section performs all the tasks connected with collection and processing of the publishing activities. The data is further processed for the Faculty's purposes and then reported to registers of the superior institutes. It also serves for internal evaluation of scientific activity.

Collection of the data on published works of the authors from the First Faculty of Medicine as well as the General University Hospital in Prague (with one common data base for the two institutions) has been through the OBD system for the past three years. By 19<sup>th</sup> February 2016, the system included records of 311,864 items (from whole Charles University), of which 56,828 were the domain of the First Faculty of Medicine. In 2015, all the duties to the superior registers of both the Faculty and the Hospital were done in far more than average quality.

The staff of the Institute of Scientific Information enter bibliographic information into the OBD system – data on publications recorded in the WoS data base, articles from Czech periodicals and books as well as from other sources. The objective is maximum economy of the respective authors work and time. However, the pre-requisite is that the publishing authors correctly give their allegiance to the Faculty and/or Hospital in their publications, which will enable the maximum efficiency of excerption from data bases. Therefore the only load on the academic staff consists in checking the entered data and its completion with some specific information as required by the RIV register, or possibly addition of any other publications of theirs. They, however, do not enter this data into the system by themselves – they only supply the Institute of Scientific Information with the necessary data through the person in charge.

The work of the Section is also the agenda of response in citation and the Hirsch index (h-index), which serves for internal evaluation of the First Faculty of Medicine for the past calendar year. The Section is concerned with facilitation of collection of the responses. Already three times the collection of data has been done in the necessary format that enables calculation of evaluation points in the set "thirds system". As a fair percentage of publications are cited repeatedly, it is simple to use the data again, just updating the number of citations in the respective period.

The Section's additional activity is identification of faulty entries in WoS, which often occurs due to unreliable computer processing. Sorting out the data will result in a higher number of responses in citation identified and a higher h-index of our authors, and thereby the prestige of the Faculty as well.

#### **PUBLISHING ACTIVITY**

The Institute of Scientific Information is in charge of the Faculty's publishing activity connected with the Karolinum publishing house. In 2015, this publisher issued 10 publications by authors from the First Faculty of Medicine. One persisting problem is delay in delivery of manuscripts, which had to be reminded by the Faculty's editorial board several times.

The opening of the access to production of the Karolinum publishing house in form of e-books on the international platform *Ebrary* and *EBSCO eBooks* is an important activity, which leads to the fast and wide availability of the publications.

#### **VIDEO AND PHOTO SECTION**

Activity of the section is focused on creation of video programmes. In 2015, 22 videos were completed and another 5 are being finished. The response to the work of the section is really positive, and the service is in demand more and more.

#### **EDUCATION**

The Institute of Scientific Information participates in tuition of Bachelor and follow-up Master programmes. We offer an elaborate system of training in information skills at Bachelor and Master levels (basics and professional scientific information, respectively).

In 2015, as in the years before, we were happy to participate as educators in basic courses in medical fields. What we find best is a concise introduction course at the very beginning of the study, which was enabled by cooperation with the Institute of Biophysics and Informatics of the First Faculty of Medicine. This provides the students with information about the scope of librarian information services available at the Faculty and thorough knowledge necessary for their use.

A basic prerequisite for development of activities of the Institute of Scientific Information is the solid support that we receive from the management of the First Faculty of Medicine and the General University Hospital in Prague. Also cooperation with the Central Library of Charles University in development of new services at the University and coordination in common tasks is really promising for further progress in 2016.

## MONOGRAPHS IN 2015

### SELECTED MONOGRAPHS AND TEXTBOOKS PUBLISHED BY AUTHORS/CO-AUTHORS FROM CHARLES UNIVERSITY – THE FIRST FACULTY OF MEDICINE AT RELEVANT PUBLISHING HOUSES IN 2015

#### Academia

- Svadbová, Blanka, ed. *Biografický slovník českých zemí*. [Bibliographic dictionary of Czech lands] 18<sup>th</sup> vol., Fo-Fr. Praha: Academia, 2015. ix, pp. 280-470. ISBN 978-80-200-2517-3.

#### Axonite CZ

- Rokyta, Richard and Cyril Höschl, eds. *Bolest a regenerace v medicíně*. [Pain and regeneration in medicine] Praha: Axonite 2015. 288 pp. ISBN 978-80-88046-03-5.

#### Filozofická fakulta Univerzity J. E. Purkyně v Ústí n. Labem

- Šimsa, Martin, ed. *Kritická reflexe demokracie a občanské společnosti*. [Critical reflexion of democracy and civic society] Ústí nad Labem: Filozofická fakulta Univerzity J. E. Purkyně, 2015. 266 pp. ISBN 978-80-7414-903-0.

#### Galén

- Brdička, Radim and William Didden. *Genetika v klinické praxi*. [Genetics in clinical practice] Praha: Galén, 2014-2015. 3 vol. ISBN 978-80-7492-107-0.
- Havrdová, Eva, et al. *Roztroušená skleróza v praxi*. [Multiple sclerosis in practice] Praha: Galén, 2015. 161 pp. ISBN 978-80-7492-189-6.
- HONZÁK, Radkin. *Svépomocná příručka sestry*. [A nurse's self-help manual] Praha: Galén, 2015. 257 pp. ISBN 978-80-7492-142-1.
- Koutná, Markéta, et al. *Manuál hojení ran v intenzivní péči*. [Manual of wound healing in intensive care] Praha: Galén, 2015. 200 pp. ISBN 978-80-7492-190-2.
- NAŇKA, Ondřej, Miloslava ELIŠKOVÁ and Oldřich ELIŠKA. *Přehled anatomie*. [Survey of anatomy] 3<sup>rd</sup> ed. Praha: Galén, 2015. 416 pp. ISBN 978-80-7492-206-0.
- Pařízek, Antonín and Tomáš Honzík. *Kniha o těhotenství, porodu a dítěti*. [A book of pregnancy, childbirth and baby] 5<sup>th</sup> ed. Praha: Galén, 2015. 3 volumes. ISBN 978-80-7492-214-5.
- ŠRÁMKOVÁ, Taťána. *Sexuologie pro zdravotníky*. [Sexology for health professions] Praha: Galén, 2015. 237 pp. ISBN 978-80-7492-162-9.
- Vodička, Josef, et al. *Traumatologie hrudníku*. [Thoracic traumatology] Praha: Galén, 2015. ix, 241 pp. ISBN 978-80-7492-168-1.



#### Grada

- BENEŠ, Jiří, Jaroslava KYMPLOVÁ and František VÍTEK. *Základy fyziky pro lékařské a zdravotnické obory: pro studium i praxi*. [Basic physics for medical and health professions: for study and practice] Praha: Grada, 2015. 224 pp. ISBN 978-80-247-4712-5.
- DANEŠ, Luděk. *Opožděná ejakulace*. [Delayed ejaculation] Praha: Grada, 2015. 103 pp. ISBN 978-80-247-5368-3.
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- Miovský, Michal, et al. *Výkladový slovník základních pojmů školské prevence rizikového chování*. [Terminological dictionary of basic concepts of prevention of risk behaviour at school] 2<sup>nd</sup> revised and amended ed. Praha: Klinika adiktologie 1. LF UK a VFN, 2015. 272 pp. ISBN 978-80-7422-391-4.

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- Kašáková, Eva, Martin Vokurka and Jan Hugo. *Výkladový slovník pro zdravotní sestry*. [Terminological dictionary for nurses] Praha: Maxdorf, 2015. viii, 431 pp. ISBN 978-80-7345-424-1.
- Kieslichová, Eva, et al. *Dárci orgánů*. [Organ donors] Praha: Maxdorf, 2015. 334 pp. ISBN 978-80-7345-451-7.
- Máca, Jan, et al. *ARDS v klinické praxi*. [ARDS in clinical practice] Praha: Maxdorf, 2015. 695 pp. ISBN 978-80-7345-447-0.
- MARTAN, Alois, et al. *New surgical techniques and medical treatment in urogynecology: treatment of stress urinary incontinence, pelvic floor defects, and overactive bladder in women*. Praha: Maxdorf, 2015. 263 pp. ISBN 978-80-7345-411-1.
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- STŘÍŽ, Ilja and Vladimír HOLÁŇ. *Cytokiny v klinické medicíně*. [Cytokines in clinical medicine] Praha: Maxdorf, 2015. 260 pp. ISBN 978-80-7345-427-2.
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- HALUZÍK, Martin. *Průvodce léčbou diabetu 2. typu pro internisty*. [A guide to treatment of type 2 diabetes for physicians] 2<sup>nd</sup> ed. Praha: Mladá fronta, 2015. 152 pp. ISBN 978-80-204-3660-3.
- Chytilová, Eva, et al. *Cévní přístupy pro hemodialýzu*. [Vascular approaches for haemodialysis] Praha: Mladá fronta, 2015. 190 pp. ISBN 978-80-204-3657-3.
- Kautzner, Josef and Vojtěch Melenovský, et al. *Srdeční selhání: aktuality pro klinickou praxi*. [Cardiac failure: novelties for clinical practice] Praha: Mladá fronta, 2015. 366 pp. ISBN 978-80-204-3573-6.
- Králíková, Eva. *Diagnóza F17: závislost na tabáku*. [Diagnosis F17: tobacco addiction] Praha: Mladá fronta, 2015. 102 pp. ISBN 978-80-204-3711-2.



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- Němec, Pavel, Veronika Löfflerová and Bohdan Kousal. *Optická koherenční tomografie: klinický atlas sítnicových patologií*. [Optic coherence tomography – A clinical atlas of retinal pathologies] Praha: Mladá fronta, 2015. 302 pp. ISBN 978-80-204-3810-2.
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- Rokyta, Richard, et al. *Léčba bolesti ve stáří*. [Pain treatment in elderly age] 2<sup>nd</sup> ed. Praha: Mladá fronta, 2015. 110 pp. ISBN 978-80-204-3945-1.
- Rychlík, Ivan, et al. *Budoucnost farmakoterapie v nefrologii*. [Future of pharmacotherapy in nephrology] Praha: Mladá fronta, 2015. 318 pp. ISBN 978-80-204-3865-2.
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- Svozílková, Petra, et al. *Diferenciální diagnostika v oftalmologii v obrazech*. [Differential diagnosis for ophthalmology in pictures] Praha: Mladá fronta, 2015. 221 pp. ISBN 978-80-204-3393-0.
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- Táborský, Miloš, et al. *Novinky v kardiologii 2015*. [2015 novelties in cardiology] Praha: Mladá fronta, 2015. 301 pp. ISBN 978-80-204-3712-9.
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- Zavadová, Eva, ed., et al. *Onkologická imunologie*. [Oncological immunology] Praha: Mladá fronta, 2015. 318. ISBN 978-80-204-3756-3.



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- BOB, Petr. *The Brain and Conscious Unity: Freud's Omega*. New York: Springer, 2015, 33 pp. ISBN 978-1-4939-2699-2.
- GUGLIETTA, Antonio, ed. *Drug Treatment of Sleep Disorders*. Berlin: Springer, 2015. 297 pp. ISBN 978-3-319-11513-9.
- Chokroverty, Sudhansu, and Michel Billiard, eds. *Sleep Medicine: a Comprehensive Guide to its Development, Clinical Milestones, and Advances in Treatment*. New York: Springer Science+Business Media, 2015. xix, 584 pp. ISBN 978-1-4939-2088-4.
- PATEL, Hitendra R. H., ed., et al. *Pelvic Cancer Surgery: Modern Breakthroughs and Future Advances*. London, Springer, 2015. 678 pp. ISBN 978-144714258-4.
- ROVENSKÝ, Jozef, ed. and Juraj PAYER, ed. *Dictionary of Rheumatology*, 2<sup>nd</sup> ed. Wien: Springer, 2015. 357 pp. ISBN 978-3-319-21334-7.

### Triton

- Češka, Richard, et al. *Familiární hypercholesterolemie*. [Familial hypercholesterolemia] Praha: Triton, 2015. 157 pp. ISBN 978-80-7387-843-6.

- ČEŠKA, Richard, et al. *Interna*. [Internal medicine] 2<sup>nd</sup> ed. Praha: Triton, 2015. 909 pp. ISBN 978-80-7387-885-6.
- Kvapil, Milan, ed. *Diabetologie 2015*. [Diabetology 2015] Praha: Triton, 2015. 290 pp. ISBN 978-80-7387-887-0.
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#### Vyšehrad

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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 cooperation in the sphere of science enrich the life of the Faculty and bring new stimuli and impulses. International cooperation in 2015 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 and Latin America. In education and science, cooperation 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 cooperation 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 Erasmus+ programme (2014–2020) merged the previous programmes such as Comenius, Erasmus, Erasmus Mundus, Leonardo da Vinci and Grundvig. This programme is divided into three key activities: Educational mobility (KA 1), Strategic partnerships (KA 2), Support for reforms of educational policy (KA 3). Newly, partnerships between providers of education and businesses have occurred. The minimum duration of educational stays is three months, for practical training stays two months, and students are allowed to take repeated stays. For the study programme of nursing, new cooperation was established with the German Kempten University of Applied Sciences.

Exchange with Swiss universities is performed under the Swiss-European Mobility Programme, which replaced the Erasmus+ programme in 2014. In 2015, our Faculty sent nine students to Switzerland and hosted three.

In the calendar year 2015, 133 our students travelled abroad under the ERASMUS programme. The Faculty enjoys keen interest of international students, as 112 of them arrived. The programme also enables mobility of academic staff. One teacher travelled abroad for a teaching placement, and five staff members for training courses at our partner institutions.

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

One foreign student took individual study placements at the First Faculty of Medicine as a "free mover", while 18 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, 47 students were admitted, while 60 students travelled abroad. They travelled not only to European countries but also overseas.

Further, 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 2015

Programme	Outgoing students	Incoming students
Erasmus	133	112
IFMSA	9	3
Lions Club	60	47
Free movers	11	–
International Visegrád Fund	18	1
CEEPUS	–	–
Inter-university agreements	–	2
Faculty agreements	–	–

ERASMUS programme at the First Faculty of Medicine of Charles University

Academic year	Number of contracts	Outgoing	Incoming
2010–2011	85	125	90
2011–2012	85	114	89
2012–2013	91	100	95
2013–2014	85	122	112
2014–2015	86	127	109

Institutions abroad, contractual cooperation with whom started in 2015

Title of institution	Country	Co-operating unit of the Faculty
Human Genetics Foundations, Torino	Italy	Department of Oncology of the First Faculty of Medicine and the Thomayer Hospital
The Parker Institute; Departments of Rheumatology, Copenhagen University Hospitals, Glostrup, Frederiksberg, and Bispebjerg, Copenhagen	Denmark	Department of Rheumatology of the First Faculty of Medicine and the Institute of Rheumatology
Kennedy Institute of Rheumatology, Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford	Great Britain	Department of Rheumatology of the First Faculty of Medicine and the Institute of Rheumatology





The Department of Communication is part of the Dean's working team for PR, which also includes members of the Dean's Office Board and Academic Senate of the First Faculty of Medicine, IT Department and students, undergraduates as well as postgraduates.

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 2015, 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. To improve quality of the contents and looks of the web pages, the Department was reinforced by a web editor.

## MEDIA AND PUBLIC RELATIONS

The Department of Communication continued the last year's trend of wide communication with the media. Thanks to a new contract with Newton Media, the media monitoring provider, the number of the recorded media outputs increased. We also succeeded in promotion of awareness of the First Faculty of Medicine as inseparable part of clinical institutions.

Department organized press conferences and issued a fair number of press releases to present the scientific and research activities of our staff and students, awards won by our experts, etc. The communication project MEDialogy continued successfully. In cooperation with the General University Hospital in Prague, four numbers of the new journal *Křižovatka* [Crossroads] were issued. Together with students, the Department organized presentation of the Faculty at two festivals, and – for the first time – at the Science Fair, the interactive exhibition at the Week of Science and Technology organized by the Academy of Sciences, and at the Prague Museum Night.

### SELECTIVE LIST OF PRESS CONFERENCES:

Patients with brain tumours need a complex care too (15 January 2015)  
 World Kidney Day (11 March 2015)  
 Stress, depression and life style in the Czech Republic (30 April 2015)  
 New technology in diagnosis and treatment of urologic conditions (3 September 2015)  
 I touch them every month. Campaign of cancer prevention started (8 September 2015)  
 Non-substance addictions in children become a still bigger problem: addictologists looking for solutions (6 October 2015)  
 Presentation of a book and unveiling of the bust of Prof. Vondráček (1 December 2015)  
 60 years of haemodialysis: press conference and meeting with journalists (8 December 2015)

### SELECTIVE LIST OF PRESS RELEASES:

Novelties in treatment of Parkinson's disease (29 January 2015)  
 New technology for preparation of replacements of dental implants (11 February 2015)  
 The best university teacher teaching at the First Faculty of Medicine of Charles University (11 March 2015)  
 The Dean of the First Faculty of Medicine Aleksi Šedo awarded the Bedřich Hrozný Prize (7 April 2015)  
 7,000 students want to study at the First Faculty of Medicine of Charles University (10 April 2015)  
 The First Faculty of Medicine of Charles University presenting a special healthy life style programme at EXPO 2015 (21 May 2015)  
 The Anatomic Museum and Stomatological Museum of the First Faculty of Medicine to open on the Museum Night (4 June 2015)  
 The international project FORECEE to help unveil the risk of breast cancer and tumours of female reproductive organs (11 June 2015)

The 2015 J. E. Purkinje Award for Prof. Jiří Mazánek (16 June 2015)  
 Science can be fun too. With medical students at Rock for People for sure! (24 June 2015)  
 Moonlighting molecules in brain tumours (16 July 2015)  
 Scientist from the First Faculty of Medicine of Charles University contributes to explanation of migration and spread of Indo-European languages in the Bronze Age (31 July 2015)  
 Appointed expert witnesses to appraise damage to health now (13 August 2015)  
 Scientific Fair: the First Faculty of Medicine to show that monitoring of life functions is not a mysterious magic (4 September 2015)  
 The First Faculty of Medicine engaged in methodological training Prague 155 (17 September 2015)  
 The First Faculty of Medicine teaching midwives now (1 October 2015)  
 International urological congress to point out the issue of bedwetting in children (13 October 2015)  
 The First Faculty of Medicine agrees with Mariánské Lázně spa company on cooperation in education (4 November 2015)  
 Speech disorder may herald Parkinson's disease (19 November 2015)  
 Scientists from the First Faculty of Medicine explain interaction between melanoma cells and its environment (14 December 2015)  
 Prof. Cífková with her team wins Minister of Health Award for research and development (18 December 2015)



### COOPERATION WITH THE MEDIA

Besides press conferences, the Department mediated dozens of interviews and statements with our experts for TV, radio, internet and printed media.

### MEDialogy Project

The Department organized another three events of the communication project called MEDialogy (with the subtitle "Dialogues about medicine – not only with the media") with prominent specialists from the Faculty and elsewhere, intended for the academic community, public and the media, and discussing the topics Dying in Czechia, Funding science in Czechia and Alternative medicine in Czechia. All of them were well received by the visitors and aroused a great interest in the media.

**Dying in Czechia** (10 March 2015) – Most people's wish to die at home, the reason why they cannot do so, what people are most afraid of concerning the death, whether euthanasia should be legalized and other issues were discussed by the Dean of the First Faculty of Medicine Prof. Aleksi Šedo, Prof. Pavel Pafko, Dr. Jolana Těšinová, Prof. Tomáš Halík, Prof. Helena Haškovcová and others.

**Funding science in Czechia** (16 June 2015) – Misbalanced financing of science, unsustainability of some structures built on EU money or lack of interest in basic research among young doctors were the questions dealt with by the Dean of the First Faculty of Medicine Prof. Aleksi Šedo, Prof. Jan Žaloudík and Assoc. Prof. Jan Konvalinka.

**Alternative medicine in Czechia** (10 November 2015) – What can be hidden behind the concept of alternative medicine, what makes sick people to seek it, what role the media and social networks play in its promotion and what medical schools should teach were the issues discussed by the Dean of the First Faculty of Medicine Prof. Aleksi Šedo, MUDr. Radkin Honzák, Prof. Roman Prymula and others.

### MONITORING OF THE MEDIA

The Department of Communication carried on the new system of monitoring the media outputs about the Faculty and providing the information to our staff – with daily news accessible on the internet, and weekly surveys distributed through newsletter to the selected e-mail addresses. Compared to the year before, the number of subscribers of the newsletter increased by about 10 percent, and a fair number of feedback responses were received with information about their professional and media activities.





### THE JOURNAL KŘÍŽOVATKA

Together with the General University Hospital in Prague, the Department issued four numbers of the new quarterly *Křižovatka* [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 in Prague, Military University Hospital Prague in Prague, Thomayer Hospital, Na Bulovce Hospital, Motol University Hospital and the Faust House.

### FESTIVALS

In cooperation with the Medical Faculty in Plzeň, our Faculty participated at the festival Rock for People, for the second time. At the Kefir festival, we tried to help children to get rid of their fear of white gowns, and we also joined projects run by the Academy of Sciences, the charity called Věda nás baví and some other. These events were to promote popularization of science, medicine and preventive as well as educative programmes.

**Prague Museum Night** (13 June 2015) – The Department of Communication, in cooperation with some other departments, organized the Faculty's first participation in the annual Prague Museum Night. The visitors were offered conducted tours of the Museum of human and comparative anatomy and Stomatological Museum; the exhibition, concert and film show at the Faculty's Academic Club in Faust House, and other programmes.

**Music festival Rock for People** (3–5 July 2015, Plzeň) – Students taught the visitors the basic first aid, trained them in self-examination of breasts and testes on special manikins, measured blood pressure and volume of CO in exhaled air, and offered an on-line test for soft drugs.

**Babypunk festival Kefir** (5 September 2015, Třebovle, Kolín region) – Students taught the children visitors how to clean their teeth correctly. In the Teddy Bear Hospital (an IFMSA project) they tried to eliminate their fear of medical settings.

**Science Fair** (9 September 2015) – Visitors could explore e.g. taking the ECG, keyhole surgery, taking blood samples from an artificial arm, cardiopulmonary resuscitation etc.



**Science and Technology Week** (1–13 November 2015) – The Department in cooperation with some other Faculty units prepared an interactive exhibition called Medicine in simulations, or Who doctors train on. Visitors could explore e.g. catheterization, use of the automated external defibrillator, intubation, first aid for a young child. This event also included lectures at the Faculty's Academic Club in Faust House. Prof. Tomáš Hanuš spoke about the recent state of diagnosis and therapy for prostate cancer in the Czech Republic, Assoc. Prof. Eva Králíková about tobacco addiction, Assoc. Prof. Antonín Pařízek about premature childbirth and Prof. Michal Miovský about the history of the changing approaches to addictive substances.

## APPLICANTS AND POTENTIAL PROSPECTIVE STUDENTS

### PUBLICITY MATERIALS

Publicity materials and merchandise were updated by the Department of Communication which issued a new set of printed leaflets in modern design, dealing with particular fields of study, both medical and non-medical, and completed it with leaflets for the programmes in Midwifery and Special Nutrition.

### EVENTS

**Open Day** (10 January 2015) – About 1,200 visitors were attracted by the Open Day. They saw a number of institutions at the Faculty, and visited the Union of Czech Medical Students in Faust House as well. For the first time on its own, the Department launched a campaign on social networks to invite for the Open Day, with school leavers between 18 and 20 years of age as the main target group.

**Number One for a trial** (4 June 2015) – This event, which has become tradition, is meant for those applicants who had been admitted to study at the Faculty without entrance examination thanks to their excellent grades at secondary schools, and about 140 students came. Apart from the Museum of human and comparative anatomy, they explored basic laboratory testing at the Institute of Medical Biochemistry and Laboratory Diagnostics, evaluation of specimens at the Institute of Histology and Embryology, and examination on manikins at the Institute of Medical Biochemistry and Laboratory Diagnostics. Some of interventions could be tried in the manikin hospital of the Institute of Physiology. Those interested in dentistry were welcome at the Department of Stomatology.

**Fairs** – The Faculty took part in trade fairs of tertiary and life-long education Gaudeamus in Prague (27–28 Jan 2015) and in Brno (4–7 Nov 2015), where anyone interested could get new information leaflets about the study programmes that the Faculty offers. In the programme Science for Life, our students were engaged as well to present the fields of general medicine, dental medicine, addictology and occupational therapy. At either of the fairs, our stands were really much visited.

## INTERNAL COMMUNICATION

### ALUMNI CLUB

In autumn 2015, the club of alumni of the First Faculty of Medicine came to existence, which runs its own web pages [www.alumni1lf.cz](http://www.alumni1lf.cz). Its objective is keeping up the contact between the Faculty and its alumni, be they just after their graduation or more experienced. The faces of the club are Prof. Hana Papežová, Prof. Pavel Pařko, Prof. Jiří Mazánek and Prof. Michal Miovský.

Membership of the club, which is free, offers the registered users a lot of bonuses, such as the chance of coming to reunions organized by the Faculty, search of old Faculty fellows on the web, assistance in organization of form reunions, topical information about the Faculty and its activities through regular newsletters, discounts in theatres, restaurants and foreign holidays, and a lot more. Also available are the photogallery, e-shop with Faculty merchandise, calendar of events, and surveys of recent vacations and courses of life-long education.

### BONUSES

In 2015, the Department of Communication launched two programmes for students, staff and alumni of the Faculty.

**MEDIKARTA** – The objective of the project is to grant bonuses for the students, staff and teachers in some businesses in the area and beyond. The most popular bonuses include discounts on package holidays with the ČEDOK travel agency, Britannica language courses, and meals and drinks in the CrossCafe. Within the project, the Institute of Physical Education offers discounts at the swimming pool in Hostivař or free use of tennis and volleyball courts at Albertov. Students can take the discounts on showing their student card with the valid Faculty coupon, the staff on showing their employee card.

**ALUMNI KARTA** – This card is a similar project for alumni of the First Faculty of Medicine. After the registration, they receive the card, which provides discounts e.g. in Švanda's Theatre, Volansky's clothes shop or massages at the Tyflosmaser association.

### GRAPHIC MANUAL

In cooperation with the IT department, a new graphic manual for unified visual styling for the First Faculty of Medicine was created. It specifies the principles that direct the use of the Faculty emblem and logo, and specifies the basic rules that have to be kept when working with the graphics. Together with the new logo manual, recommended templates for posters, stationery and presentations were created.

### PRINTED MATERIALS

As every year, the Department of Communication commissioned printed materials 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. The 2014 *Annual Report* and the conference proceedings occurred in a new graphic design, and *Sweet Caroline* was a bit reduced in volume. This innovation made considerable economies in terms of graphics and printing.

New publications include the *Freshman's Guide* and *Erasmus Guide* in English, available in the printed form as well as on the Faculty website.

### PROMOTIONAL MERCHANDISE

The Department of Communication commissioned new items of promotional merchandise with the logo and motifs of the Faculty – men's and ladies' sweatshirts, flash discs in a variety of colours, ties and some small items for the Rock for People festival.

Another new feature was launching the e-shop at the web pages [www.alumni1lf.cz](http://www.alumni1lf.cz), which allows to buy the merchandise with the options of mailing or collecting at the cash office of the Faculty in the building of the Dean Office. The other sale sites are again the office of Union of Czech Medical Students and the Academic Club.

### BULLETIN JEDNIČKA

Five issues of the electronic bulletin *Jednička* [Number One] occurred, in a new graphic layout and extended by another four pages. This bulletin has proved to be a good means of communication between students and teachers. It also provides valuable feedback for the management of the Faculty.

### PRESENTATIONS OF NEW BOOKS

The Department of Communication also took part in organization of presentations of publications by specialists from the Faculty, which were held in Faust House or at the New Town Hall. The book presented at such events included:

- A. Šedo, R. Mentlein: *Glioma Cell Biology* (15 January 2015)
- M. Bahenská, H. Barvíková: *Deník profesora Josefa Charvátka z roku 1945* [Professor Josef Charvát's diary of 1945] (24 March 2015)
- J. Kyplová, J. Beneš, F. Vítek: *Základy fyziky pro lékařské a zdravotnické obory pro studium i praxi* [Basic physics for medical and health professions: for study and practice] (13 April 2015)
- K. Lukáš, A. Žák: *Chorobné znaky a příznaky* [Pathologic signs and symptoms] (9 June 2015)
- E. Chytilová a kol.: *Cévní přístupy pro hemodialýzu* [Vascular approaches for haemodialysis] (8 October 2015)
- V. Tesař, O. Viklický et al.: *Klinická nefrologie* [Clinical nephrology] (14 October 2015)
- J. Mysliveček, J. Jakubík: *Muscarinic Receptor: From Structure to Animal Models* (25 November 2015)
- M. Retková: *Křeslo pro Fausta* [Chair for Faust] (17 December 2015)

### EVENTS

**Number One Starting** (30 September 2015, premises of the First Faculty of Medicine and the General University Hospital in Prague) – On the occasion of the beginning of the academic year 2015-2016, the amusement event Number One Starting was organized again. Students could try the slackline, disc golf, or listen to the concerts of bands Apotkalipsa and The Real Square or the songwriter Pokáč.

**127<sup>th</sup> Medics' Prom Ball** (9 January 2015, Žofín Palace) – Besides the bands traditionally included in the programme, this time student groups played as well.

**Children's Fun Fair** (2 June 2015, garden of the Department of Psychiatry and Department of Neurology) – Our Department organized the afternoon amusements for the staff members' children and children patients in cooperation with the General University Hospital in Prague, students, district authorities and district police, the bikers' club Black Dogs LE MC. This time the children got present from the sponsors too – Triton, ALBI, Mattel, Česká pošta, Alza, Pompo and McDonald's.

**Concert from the series Faculty in the heart of Karlov** (23 April 2015, St. Ignatius church at Charles Square) – The Collegium paedagogicum and Piccolo coro & Piccola orchestra presented famous opuses by Antonín Dvořák.



**Concert from the series Faculty in the heart of Karlov** (4 November 2015, St. Stephen church in Štěpánská Street) – The famous *Requiem* by W. A. Mozart was presented by the Piccolo coro & Piccola orchestra.



### ACADEMIC CLUB

The academic club of the First Faculty of Medicine in Faust House presented its innovated looks and logo. Its activity was also boosted by the new library, where visitors can borrow both professional literature and fiction, or they can enrich the library by their own books. The premises of the club began being visited by more students – not only as a venue of various events but as a place just to relax too.

Apart from traditional regular events such as concerts of The First Faculty of Medicine Dixieland band; the Chair for Faust or the Jonáš theatre club, some new events occurred on the programme, mainly organized by students, e.g. the series Film Dissections (31 March 2015), Film smash hits (14 December 2015), discussion of students of addictology with specialists, etc.

Chair for Faust – The traditional series of live interviews with prominent personalities from both medical profession and beyond took place on the last Thursday of each month. The interviewed guests were Pavel Kohout, Štěpán Svačina, Ondřej Neff, Michael Kocáb, Martin Šámal, Karel Hvizďala, Jiří Beneš, Radkin Honzák, Radim Kočvara. At the end of the year, Chair for Faust 2015, the 14<sup>th</sup> book of the series, was published, compiled by the interviewer Ms Marie Retková.

### OTHER

Our cooperation 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; Czech Student Union; 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 for the first year students and new graduates. Its aim was to find why the students had chosen the First Faculty of Medicine as their school, and how their expectations were or were not met, respectively. The results are available at the Faculty's website.

## WEB PAGES AND SOCIAL NETWORKS

The Department of Communication, in cooperation with the Computer Technology Department, started to prepare an upgrade of the Faculty's website [www.lf1.cuni.cz](http://www.lf1.cuni.cz), above all, of its structure. Apart from the other things, loading and editing of texts, visuals and enclosures was made easier, and also the contents of both the Czech and English versions were slightly re-arranged for more clearness. And the number of viewers is still growing. In 2015, 150,822 users viewed the website – 70 per cent from the Czech Republic, 13 per cent from English-speaking countries and 17 per cent from other countries. The rate of instant quitting sank too, to ca 40 per cent. Most often the website is visited by users between 25 and 34 years of age (34 per cent), 18 and 24 years (28 per cent) and 35 and 44 years (16 per cent). The web pages of some institutes and departments of the Faculty experienced considerable changes too, as they got a unified modern design. Their contents, including the information for students, were updated as well.

The Faculty also presented itself on its Facebook profile, whose fan community grew up to 4,000 in 2015. The page traffic increased dramatically – from ca 800 to 3,178 users. The target group consisted of 73 per cent females, and the most prominent age group was between 18 and 24 years (56 per cent active users). Similarly, the fan community and page traffic grew for

the Facebook profile of the bulletin *Jednička* and that of the Faust academic club. The Facebook was used in the campaign for the Open Day, opinion poll on designs of the merchandise (e.g. sweatshirts), contests etc.

Data bases of photos of the Faculty were fleshed out regularly on the Flickr and Faculty YouTube channel.

## PROFESSIONAL AND SCIENTIFIC JOURNALS

In 2015, the Faculty was the editor of three scientific journals, one of which possesses an impact factor. *Folia Biologica* (IF 1.00) is an international journal focused on cell and molecular biology. The interest of authors considerably exceeded the publishing capacity, so the editors had to reject more than a half of the offered articles.

The annual award of the journal was won by the article by Reiterová J., Šafránková H., Obeidová L., Štekrová J., Maixnerová D., Merta M., Tesař V.: *Mutational analysis of the NPHS2 gene in Czech patients with idiopathic nephrotic syndrome*.

The non-impacted journal *Prague Medical Report* is oriented more clinically. It also experienced a growing interest of authors, and more than a half of the offered articles were rejected too. The award of the journal was won by the article by Ondrušková N., Honzík T., Kytnarová J., Matoulek M., Zeman J., Hansíková H.: *Isoelectric Focusing of Serum Apolipoprotein C-III as a Sensitive Screening Method for the Detection of O-glycosylation Disturbances*.

Further, the occasional publications in the series *Acta Universitatis Carolinae – Medica* are issued by the Faculty. In 2015, one monograph was published in this series.

*Department of Communication of the First Faculty of Medicine of Charles University*





AUDITOR'S REPORT





**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*

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**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. 2015 to 31. 12. 2015**

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

In Liberec, 4<sup>th</sup> May 2016

**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 2015, 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.

**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

**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.**

**Other Information**

The other information comprises the information included in the annual report, but does not include the financial statements and our auditor's report thereon. The Statutory Body is responsible for the other information.

Our opinion on the financial statements does not cover the other information and we do not express any form of opinion thereon. However, in connection with our audit of the financial statements, our responsibility is to read the other information and consider whether the other information is not materially inconsistent with the financial statements or our knowledge obtained in the audit, the annual report has been prepared in accordance with the applicable legal requirements, or the other information does not otherwise appear to be materially misstated. If, based on the work we have performed, we conclude that the above is not true, we are required to report such facts.

Based on the work we have performed, we have nothing to report in this regard.

In Liberec, 4<sup>th</sup> May 2016



*Jan Jindřich*  
 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*  
 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
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Univerzita Karlova v Praze 1. lékařská fakulta DEKÁNAT Kateřinská 32, 121 08 Praha 2 IČ: 05116208 DIČ: CZ00216208	Signature of responsible person: <b>Ing. Eva Soubustová</b> odpovědná zástupkyně fakulty	Signature of person responsible for preparation: <b>Ing. Roman Kafaš</b> vedoucí finančního oddělení
	Moment of statement preparation: 04.04.2016 11:19	Check code:

## UK INTERCOMPANY BALANCE SHEET

as at 31. 12. 2015

(in CZK, two decimal places)

Identification No.
00216208

Indicator name	Line No.	Balance as at 01.01.15	Balance as at 31.12.15
<b>A. Fixed assets (line 2+10+21+29)</b>	<b>001</b>	<b>1 219 416 445,75</b>	<b>1 354 870 218,54</b>
<b>A.I. Intangible fixed assets - total (l. 3 to 9)</b>	<b>002</b>	<b>34 263 085,69</b>	<b>33 281 010,39</b>
1. Research and development (012)	003	0,00	0,00
2. Software (013)	004	30 688 509,34	29 835 393,04
3. Valuable rights (014)	005	0,00	0,00
4. Small intangible fixed assets (018)	006	2 879 647,35	2 750 688,35
5. Other intangible fixed assets (019)	007	694 929,00	694 929,00
6. Intangible fixed assets under construction (041)	008	0,00	0,00
7. Advance payments for intangible fixed assets (051)	009	0,00	0,00
<b>A.II. Tangible fixed assets - total (l. 11 to 20)</b>	<b>010</b>	<b>2 548 714 473,91</b>	<b>2 749 711 879,21</b>
1. Land (031)	011	0,00	0,00
2. Work of art, art collection (032)	012	1 540 571,80	1 540 571,80
3. Buildings (021)	013	1 381 728 801,77	1 401 633 996,22
4. Individual movable assets and sets of movable assets (022)	014	1 119 806 167,91	1 291 375 470,51
5. Orchards and vineyards (025)	015	0,00	0,00
6. Breeding and draught animals (026)	016	0,00	0,00
7. Small intangible fixed assets (028)	017	39 351 516,44	36 145 224,86
8. Other tangible fixed assets (029)	018	135 323,42	135 323,42
9. Tangible fixed assets under construction (042)	019	5 977 147,82	18 881 292,40
10. Advance payments for tangible fixed assets (052)	020	174 944,75	0,00
<b>A.III. Long-term financial assets - total (l. 22 to 28)</b>	<b>021</b>	<b>0,00</b>	<b>0,00</b>
1. Shares in controlled and managed organizations (061)	022	0,00	0,00
2. Shares with significant influence in accounting units (062)	023	0,00	0,00
3. Overdue debt securities (063)	024	0,00	0,00
4. Loans to the branch office (066)	025	0,00	0,00
5. Other long-term loans (067)	026	0,00	0,00
6. Other long-term financial investments (069)	027	0,00	0,00
7. Acquisition of long-term financial assets (043)	028	0,00	0,00
<b>A.IV. Accumulated depreciation to fixed assets - total (l. 30 to 40)</b>	<b>029</b>	<b>-1 363 561 113,85</b>	<b>-1 428 122 671,06</b>
1. Accumulated depreciation - research and development (072)	030	0,00	0,00
2. Accumulated depreciation - software (073)	031	-27 544 950,13	-27 461 091,03
3. Accumulated depreciation - valuable rights (074)	032	0,00	0,00
4. Accumulated depreciation - small intangible fixed assets (078)	033	-2 879 647,35	-2 750 688,35
5. Accumulated depreciation - other intangible fixed assets (079)	034	-684 572,00	-694 929,00
6. Accumulated depreciation - buildings (081)	035	-402 363 840,36	-433 349 384,36
7. Accumulated depreciation - individual movable assets and sets (082)	036	-890 601 264,15	-927 586 030,04
8. Accumulated depreciation - orchards and vineyards (085)	037	0,00	0,00
9. Accumulated depreciation - breeding and draught animals (086)	038	0,00	0,00
10. Accumulated depreciation - small tangible fixed assets (088)	039	-39 351 516,44	-36 145 224,86
11. Accumulated depreciation - other tangible fixed assets (089)	040	-135 323,42	-135 323,42





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## UK INTERCOMPANY BALANCE SHEET

as at 31. 12. 2015

(in CZK, two decimal places)

Identification No.
00216208

Indicator name	Line No.	Balance as at 01.01.15	Balance as at 31.12.15
B. Current assets total (l. 42+52+72+81)	041	564 962 830,88	558 110 972,87
B.I. Inventory total (l. 43 to 51)	042	1 774 354,61	1 679 555,38
1. Materials in warehouse (112)	043	1 774 354,61	1 679 555,38
2. Materials in transit (119)	044	0,00	0,00
3. Work in progress (121)	045	0,00	0,00
4. Semi-finished product (122)	046	0,00	0,00
5. Finished products (123)	047	0,00	0,00
6. Animals (124)	048	0,00	0,00
7. Merchandise on stock (132)	049	0,00	0,00
8. Goods in transit (139)	050	0,00	0,00
9. Advance payments for inventory (314)	051	0,00	0,00
B.II. Receivables total (l. 53 to 71)	052	63 216 309,29	117 587 349,24
1. Customers, Trade receivables (311)	053	35 309 905,09	6 058 891,39
2. Bill for collection (312)	054	0,00	0,00
3. Receivables from discounted securities (313)	055	0,00	0,00
4. Advance payment on operation (314)	056	13 969 635,21	5 294 096,05
5. Other receivables (315)	057	73 489,97	130 975,75
6. Receivables from employees (335)	058	276 854,95	147 626,58
7. Receivables from social security and health insurance (336)	059	0,00	0,00
8. Income tax (341)	060	0,00	0,00
9. Other direct taxes (342)	061	0,00	0,00
10. Value added tax (343)	062	152 906,94	515 422,78
11. Other taxes and duties (345)	063	0,00	0,00
12. Due from state - tax receivables (346)	064	0,00	94 845 795,04
13. Due to budget of local authorities - receivables (348)	065	0,00	1 126 264,05
14. Receivables from association members (358)	066	0,00	0,00
15. Receivables from forward deal (373)	067	0,00	0,00
16. Receivables from bonds (375)	068	0,00	0,00
17. Other receivables (378)	069	13 433 517,13	9 429 863,60
18. Estimated receivables (388)	070	0,00	38 414,00
19. Bad debt provision (391)	071	0,00	0,00
B.III. Short-term financial assets total (l. 73 to 80)	072	497 845 639,40	436 459 868,18
1. Cash (211)	073	398 896,98	272 005,44
2. Postage stamp (213)	074	209 300,00	288 960,00
3. Bank accounts (221)	075	497 237 442,42	435 898 902,74
4. Short-term securities (251)	076	0,00	0,00
5. Debt securities (253)	077	0,00	0,00
6. Other securities (256)	078	0,00	0,00
7. Acquisition of short-term financial assets (259)	079	0,00	0,00
8. Cash in transit (261)	080	0,00	0,00
B.IV. Other assets total (l. 82 to 84)	081	2 126 527,58	2 384 200,07
1. Deferred expenses (381)	082	2 125 863,72	2 363 210,44
2. Deferred income (385)	083	0,00	0,00
3. Exchange difference assets (386)	084	663,86	20 989,63
<b>Assets total (line 1 + 41)</b>	<b>085</b>	<b>1 784 379 276,63</b>	<b>1 912 981 191,41</b>



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## UK INTERCOMPANY BALANCE SHEET

as at 31. 12. 2015

(in CZK, two decimal places)

Identification No.
00216208

Indicator name	Line No.	Balance as at 01.01.15	Balance as at 31.12.15
<b>A. Own resources total (I. 87+91)</b>	<b>086</b>	<b>1 519 088 762,42</b>	<b>1 644 503 762,10</b>
<b>A.I. Total equity (I. 88 to 90)</b>	<b>087</b>	<b>1 517 437 208,73</b>	<b>1 656 816 820,60</b>
1. Equity (901)	088	1 221 638 062,48	1 357 093 381,22
2. Funds (911)	089	295 799 146,25	299 723 439,38
3. Differences from revaluation of assets and liabilities (921)	090	0,00	0,00
<b>A.II. Profit/ loss - total (I. 92 to 94)</b>	<b>091</b>	<b>1 651 553,69</b>	<b>-12 313 058,50</b>
1. Account of profit and loss (963)	092	0,00	-12 694 055,19
2. Profit and Loss in permit procedure (931)	093	655 657,65	0,00
3. Retained earnings, Accumulated losses from previous years (932)	094	995 896,04	380 996,69
<b>B. Other sources total (I. 96+98+106+130)</b>	<b>095</b>	<b>266 071 311,90</b>	<b>254 102 245,59</b>
<b>B.I. Total reserves (I. 97)</b>	<b>096</b>	<b>0,00</b>	<b>0,00</b>
1. Reserves (941)	097	0,00	0,00
<b>B.II. Long-term payables - total (I. 99 to 105)</b>	<b>098</b>	<b>0,00</b>	<b>0,00</b>
1. Long-term bank loans (951)	099	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>B.III. Short-term payables - total (I. 107 to 129)</b>	<b>106</b>	<b>105 826 591,27</b>	<b>89 134 992,49</b>
1. Suppliers (321)	107	2 567 481,21	1 936 014,98
2. Bill for payment (322)	108	0,00	0,00
3. Advance payments received (324)	109	0,00	15 365,37
4. Other payables (325)	110	2 827,33	90 105,00
5. Employees (331)	111	34 485 656,00	35 826 834,00
6. Other payables to employees (333)	112	649 019,70	620 767,00
7. Payables to social securities and health insurance (336)	113	19 810 507,00	20 557 881,00
8. Income tax (341)	114	0,00	0,00
9. Other direct taxes (342)	115	7 207 732,00	7 496 392,00
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	34 967 920,20	14 097 022,99
13. Due to budget of local authorities - liabilities (348)	119	303 949,10	0,00
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	7 552 359,74	3 294 054,11
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	-1 720 861,01	5 200 556,04
23. Other short-term allowance (249)	129	0,00	0,00



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## UK INTERCOMPANY BALANCE SHEET

as at 31. 12. 2015

(in CZK, two decimal places)

Identification No.
00216208

Indicator name	Line No.	Balance as at 01.01.15	Balance as at 31.12.15
B.IV. Other liabilities - total (l. 131 to 133)	130	160 244 720,63	164 967 253,10
1. Accrued expenses (383)	131	0,00	0,00
2. Deferred revenue (384)	132	159 967 391,20	164 967 092,40
3. Exchange difference liabilities (387)	133	277 329,43	160,70
<b>Liabilities total (line 86+95)</b>	<b>134</b>	<b>1 785 160 074,32</b>	<b>1 898 606 007,69</b>
<b>RECAPITULATION</b>			
A. ASSETS TOTAL	200	1 784 379 276,63	1 912 981 191,41
B. LIABILITIES TOTAL	201	1 785 160 074,32	1 898 606 007,69
DIFFERENCE A. - B.	202	-780 797,69	14 375 183,72
C. Accounts not included into balance sheet	203	-780 797,69	14 375 183,72
I. Balance sheet accounts	204	81 780,31	2 341 824,77
Internal accounting/settlement (395)	205	81 780,31	2 341 824,77
II. Profit and Loss accounts	207	-862 578,00	12 033 358,95
1. Account of intercompany profit and loss (account class 7,8 and account 692)	208	0,00	12 895 936,95
2. Intercompany profit and loss in process of endorsement (930)	209	-862 578,00	-862 578,00
99 Control number		17 844 573 563,99	19 115 436 730,38





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Stamp: Univerzita Karlova v Praze 1. lékařská fakulta DEKANÁT Kateřinská 32, 121 08 C: 00216208 DIC: CZ00216208	Signature of responsible person: <b>Ing. Eva Soubustová</b> tajemnice fakulty	Signature of person responsible for preparation: <b>Ing. Roman Karaš</b> vedoucí finančního oddělení
		Moment of statement preparation: 04.04.2016 11:20
		Check code:

## UK INTERCOMPANY PROFIT AND LOSS STATEMENT

Identification No.  
00216208

from 1. 1. 2015 to 31. 12. 2015  
(in CZK, two decimal places)

Indicator name	Line No.	Activity		
		Main activity	Complementary activity	Total
<b>A. Costs</b>				
A.I. Consumed purchases total (l. 2 to 5)	001	128 177 007,17	1 711 917,59	129 888 924,76
1. Consumption of material (501)	002	96 340 254,38	1 711 917,59	98 052 171,97
2. Consumption of energy (502)	003	31 836 752,79	0,00	31 836 752,79
3. Consumption of other unstorable deliveries (503)	004	0,00	0,00	0,00
4. Sold goods (504)	005	0,00	0,00	0,00
A.II. Services total (l. 7 to 10)	006	79 076 232,81	1 959 593,32	81 035 826,13
5. Repairs and maintenance (511)	007	19 177 368,11	79 113,40	19 256 481,51
6. Travel expenses (512)	008	16 538 940,73	21 899,75	16 560 840,48
7. Representation expenses (513)	009	1 240 758,31	220 722,15	1 461 480,46
8. Ostatní služby (518)	010	42 119 165,66	1 637 858,02	43 757 023,68
A.III. Personnel expenses total (l. 12 to 16)	011	733 702 904,77	1 990 698,00	735 693 602,77
9. Wages and salaries (521)	012	538 634 570,00	1 685 710,00	540 320 280,00
10. Legal social insurance (524)	013	176 406 385,77	304 988,00	176 711 373,77
11. Other social insurance (525)	014	0,00	0,00	0,00
12. Legal social expenses (527)	015	10 993 199,00	0,00	10 993 199,00
13. Other social expenses (528)	016	7 668 750,00	0,00	7 668 750,00
A.IV. Taxes and fees total (l. 18 to 20)	017	227 269,50	4 117,00	231 386,50
14. Road tax (531)	018	13 400,00	0,00	13 400,00
15. Property tax (532)	019	0	4 117,00	4 117,00
16. Other taxes and charges (538)	020	213 869,50	0,00	213 869,50
A.V. Other expenses total (l. 22 to 29)	021	127 983 717,97	4 513 084,11	132 496 802,08
17. Contractual fines and penalties (541)	022	0,00	0,00	0,00
18. Other fines and penalties (542)	023	1 932,29	230 109,00	232 041,29
19. Write-off doubtful debts (543)	024	0,00	351 824,62	351 824,62
20. Interests expenses (544)	025	0,00	0,00	0,00
21. Exchange rates differences - loss (545)	026	3 025 983,15	52 969,88	3 078 953,03
22. Gifts (546)	027	0,00	0,00	0,00
23. Shortages and damages (548)	028	0,00	0,00	0,00
24. Other expenses (549)	029	124 955 802,53	3 878 180,61	128 833 983,14
A.VI. Depreciation, fixed assets sold, addition to reserves and adjustments (l. 31 to 36)	030	104 906 443,31	0,00	104 906 443,31
25. Depreciation of intangible and tangible fixed assets (551)	031	104 906 443,31	0,00	104 906 443,31
26. Net book value of intangible and tangible fixed assets sold (552)	032	0,00	0,00	0,00
27. Sold securities and ownership interests (553)	033	0,00	0,00	0,00
28. Sold material (554)	034	0,00	0,00	0,00
29. Additions to reserves (556)	035	0,00	0,00	0,00
30. Additions to adjustments (559)	036	0,00	0,00	0,00
A.VII. Contributions paid - total (l. 38 to 39)	037	0,00	0,00	0,00
31. Contributions paid to branches (581)	038	0,00	0,00	0,00
32. Member's fee paid (582)	039	0,00	0,00	0,00
A.VIII. Income tax total (l. 41)	040	0,00	0,00	0,00
33. Additional income tax payment (595)	041	0,00	0,00	0,00
<b>Costs total (l. 1+6+11+17+21+30+37+40)</b>	<b>042</b>	<b>1 174 073 575,53</b>	<b>10 179 410,02</b>	<b>1 184 252 985,55</b>
N. Intercompany costs - total (l. 144)	143	2 461 242,67	179 290,40	2 640 533,07
Intercompany costs (799)	144	2 461 242,67	179 290,40	2 640 533,07
<b>Total costs including intercompany (l. 42+143)</b>	<b>45</b>	<b>1 176 534 818,20</b>	<b>10 358 700,42</b>	<b>1 186 893 518,62</b>



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## UK INTERCOMPANY PROFIT AND LOSS STATEMENT

Identification No.
00216208

from 1. 1. 2015 to 31. 12. 2015  
(in CZK, two decimal places)

Indicator name	Line No.	Activity		
		Main activity	Complementary activity	Total
<b>B. Revenues</b>				
B.I. Revenues from own products and goods total (l. 44 to 46)	043	229 045 257,04	16 259 608,22	245 304 865,26
1. Revenues from own products (601)	044	0,00	991 340,65	991 340,65
2. Revenues from services (602)	045	229 045 257,04	15 268 267,57	244 313 524,61
3. Revenues from merchandise (604)	046	0,00	0,00	0,00
B.II. Change in intercompany inventory - total (l. 48 to 51)	047	0,00	0,00	0,00
4. Change in work in progress (611)	048	0,00	0,00	0,00
5. Change in semi-products (612)	049	0,00	0,00	0,00
6. Change in finished products (613)	050	0,00	0,00	0,00
7. Change in animals (614)	051	0,00	0,00	0,00
B.III. Capitalisation - total (l. 53 to 56)	052	0,00	0,00	0,00
8. Capitalisation of material and goods (621)	053	0,00	0,00	0,00
9. Capitalisation of intercompany services (622)	054	0,00	0,00	0,00
10. Capitalisation of intangible fixed assets (623)	055	0,00	0,00	0,00
11. Capitalisation of tangible fixed assets (624)	056	0,00	0,00	0,00
B.IV. Other revenues - total (l. 58 to 64)	057	189 254 091,29	317 825,51	189 571 916,80
12. Contractual fines and penalties (641)	058	0,00	0,00	0,00
13. Other fines and penalties (642)	059	0,00	0,00	0,00
14. Write-off receivables - incomes (643)	060	0,00	0,00	0,00
15. Interest received (644)	061	685 441,15	121 465,98	806 907,13
16. Foreign exchange gains (645)	062	2 533 351,37	176 835,82	2 710 187,19
17. Settlement of funds (648)	063	30 146 479,48	0,00	30 146 479,48
18. Other revenues (649)	064	155 888 819,29	19 523,71	155 908 343,00
B.V. Revenues from sales of fixed assets, changes in provision and adjustments - total (l.66 to 72)	065	10 974,39	2 247,93	13 222,32
19. Revenues from sales of intangible and tangible FA (652)	066	0,00	2 000,00	2 000,00
20. Revenues from sales of securities and ownership interests (653)	067	0,00	0,00	0,00
21. Revenues from sales of materials (654)	068	10 974,39	247,93	11 222,32
22. Revenues from short-term financial assets (655)	069	0,00	0,00	0,00
23. Changes in reserves/provisions (656)	070	0,00	0,00	0,00
24. Revenues from long-term financial assets (657)	071	0,00	0,00	0,00
25. Changes in adjustments (659)	072	0,00	0,00	0,00
B.VI. Total contributions received (l. 74 to 76)	073	0,00	0,00	0,00
26. Contribution received from branches (681)	074	0,00	0,00	0,00
27. Contribution and gifts received (682)	075	0,00	0,00	0,00
28. Member's fee (684)	076	0,00	0,00	0,00
B.VII. Total operating grant (l. 78)	077	736 668 925,98	0,00	736 668 925,98
29. Operating grant (691)	078	736 668 925,98	0,00	736 668 925,98
<b>Total revenues (l. 43+47+52+57+65+73+77)</b>	<b>079</b>	<b>1 154 979 248,70</b>	<b>16 579 681,66</b>	<b>1 171 558 930,36</b>
<b>C. Profit/loss before taxation (l. 79-42)</b>	<b>080</b>	<b>-19 094 326,83</b>	<b>6 400 271,64</b>	<b>-12 694 055,19</b>
30. Income tax (591)	081	0,00	0,00	0,00
<b>D. Profit/loss including taxation (l. 80-81)</b>	<b>082</b>	<b>-19 094 326,83</b>	<b>6 400 271,64</b>	<b>-12 694 055,19</b>
W. Total intercompany revenue (l. 181+182)	180	14 867 933,02	668 537,00	15 536 470,02
Intercompany revenue (899)	181	9 169 531,02	668 537,00	9 838 068,02
Intercompany subsidy (692)	182	5 698 402,00	0,00	5 698 402,00
<b>Total revenue including intercompany (l. 79+180)</b>	<b>183</b>	<b>1 169 847 181,72</b>	<b>17 248 218,66</b>	<b>1 187 095 400,38</b>
<b>E. Intercompany profit/loss (l. 180-143)</b>	<b>184</b>	<b>12 406 690,35</b>	<b>489 246,60</b>	<b>12 895 936,95</b>





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## UK INTERCOMPANY PROFIT AND LOSS STATEMENT

Identification No.  
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from 1. 1. 2015 to 31. 12. 2015  
(in CZK, two decimal places)

Indicator name	Line No.	Activity		
		Main activity	Complementary activity	Total
RECAPITULATION				
Profit/loss before taxation (l. 80/1+2)	083	-19 094 326,83	6 400 271,64	-12 694 055,19
Profit/loss including taxation (l. 82/1+2)	084	-19 094 326,83	6 400 271,64	-12 694 055,19
Intercompany profit/loss (l. 184/1+2)	185	12 406 690,35	489 246,60	12 895 936,95
Profit/loss for current accounting period l. 82/(1+2) + l. 184/(1+2)	186	-6 687 636,48	6 889 518,24	201 881,76



**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

**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. 563/1991 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, 4<sup>th</sup> May 2016



*Jan Jindřich*  
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*  
Jan Jindřich  
auditor

Certificate number of the auditor 1133

**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

**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, 4<sup>th</sup> May 2016



*Jan Jindřich*

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*

Jan Jindřich  
auditor  
Certificate number of the auditor 1133

101	<b>Students' Activities</b>
101	Union of Czech Medical Students
104	Activity of the Local Branch of IFMSA CZ at the First Faculty of Medicine
106	MEDSOC
108	<b>Awards Granted in 2015</b>
110	<b>List of Organizational Units by 31<sup>st</sup> December 2015</b>
117	<b>Photogallery</b>







## UNION OF CZECH MEDICAL STUDENTS

The past year was a year of success for our Union. In 2015, we commemorated the 25<sup>th</sup> anniversary of resurrection of the activity of the Union of Czech Medical Students. In 1990, in the new free times, the Union could resume its activity, which had been oppressed for the decades of totalitarianism. We appreciate this tradition and the legacy of our predecessors. We are going to pursue the noble intentions of the founders and revivers of the Union.

At the same time, 2015 was a successful year not only for the Union but also for all students who come to the computer room, library or study room of the Union. Therefore I would like to emphasize the continuity and tradition of the Union of Czech Medical Students, which had been firmly anchored at the First Faculty of Medicine so long. I hope this will continue in future too. Although we appreciate tradition, we like materializing new ideas and try to improve the services for students so that they will come again to our place and enjoy our events as pleasure throughout the demanding academic year. Equally important as the Union of Czech Medical Students for the Faculty is the support of the First Faculty of Medicine for the existence of the Union.

By 9<sup>th</sup> December 2015, an incredible number of 1,703 members were registered in the Union at the Faculty, which means 172 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. Now we also exhibit the works of students who took part in the arts competition that we had organized.

### SALE OF THE FACULTY PROMOTIONAL 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 canvass shopping bags with the Union logo in three various designs, which are really popular among students. When ordering the manufacture of merchandise items, we have always pursued a high degree of quality of materials used as well as their fair trade character. Further, we take part in selling the Faculty's merchandise items, assisting in their promotion too.

### UNION OF CZECH MEDICAL STUDENTS AND NEW MEDIA

We are fully aware of the necessity in using the new media and its importance, so we continue running our own web page – [www.spolekmedikuceskych.cz](http://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 429 fans at these profiles, and new ones are coming every day. We also take part in managing the web pages of the Faculty group, which have got 4,189 fans by now. With students we communicate through the noticeboard at the Student Affairs Department, as well as at other sites at the Faculty, including own premises of the Union. We have been creating a permanent joint presentation for the Union of Czech Medical Students and IFMSA.

### 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, more than 100 students from all over Europe arrived in Prague. The icebreaking party for the incoming students took place at the Student Club in Celetná Street. Actually, there were two parties again in 2015. The ESO members have been preparing some more projects for incoming students as well. To list just the most interesting of the past year's events, we can mention the trips to Kutná Hora and Karlovy Vary, the Prague Tour, the trip to the castle of Karlštejn, the Day in the Zoo, ESO – bowling tournament or the steamboat trip on the Vltava. We carry on the cooperation 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.

#### **COOPERATION 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 continued to work actively within this university student organization in 2015 and to participate in its various events. 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 Ice-Hockey Battle 2015, and assisted the other student organizations at Charles University. Of course we took an active part at the May Fun Rag Day on 1<sup>st</sup> May too. At the beginning of the winter semester we introduced the Faculty at the Students' Fair.

**Faculty of Science** – In 2015, we continued the cooperation above all with the Faculty of Science, whose domicile is the Karlov and Albertov area just as ours. We kept the contacts with their Department of Outer Relations 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.

**Charles University Prom Ball** – The former 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 15<sup>th</sup> January 2016). 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 Monday 16<sup>th</sup> November 2015, a chat with Médecins sans Frontières took place at the Great Lecture Hall of the Institute of Anatomy. Dr. Tomáš Šebek related his experience of their mission in Kunduz, Afghanistan. Also several other organizations addressed the Union of Czech Medical Students, mainly offering volunteer positions for students, such as health supervision at summer camps etc. Thanks to our cooperation with German human resources agencies, scores of our students have found jobs in the Federal Republic of Germany.

**Talk about jobs abroad** – In spring 2015 we conducted a cycle of lectures about jobs abroad. The former president of the Union of Czech Medical Students Dr. Petr Kohut with Dr. Lea Kohutová talked about jobs in Germany. The consultant of the infection ward at the Na Bulovce Hospital MUDr. Petr Smejkal presented a talk on the scope of practicing in USA.

**Within the Faculty** – We co-operate with the Union of Dental Students of the Czech Republic and IFMSA. We provide students of dentistry with rooms for lectures and workshops. The student organization IFMSA is based here; we assist them in advertising and by providing rooms for meetings.

**MEDSOC** – Lately, cooperation 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.

#### **COOPERATION WITH THE FACULTY**

Within our cooperation with the Faculty, we actively communicate with the Academic Club and the Department of Communication. We also highly appreciate the Dean's interest and his visits at traditional meetings with active members of our Union, which helps him to learn about activities of the Union of Czech Medical Students. Last year, another meeting of representatives of the Union and the Department of Addictology took place, and a new association of students of addictology came out of it, founded with joint efforts and our advice.

#### **PROJECTS OF THE UNION OF CZECH MEDICAL STUDENTS**

**Textbook exchange** – The traditional textbook exchange at the Academic Club was abandoned as early as 2014 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, which had become one of our regular events, did not take place in 2015, as the whole-university campaign Give blood with Charles University was launched in cooperation with the Student Union of Charles University. This project was implemented on 19<sup>th</sup> and 20<sup>th</sup> November 2015, and it had been promoted at our web pages so that students would be motivated to give blood. Perhaps thanks to this promotion too, the First Faculty of

Medicine won a cup for the highest number of new donors among all the University, and this trophy was presented to the Faculty management by representatives of the Student Union and eventually exhibited in the club room of the Union of Czech Medical Students.

**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.

**New collection of canvass shopping bags** – During the spring month, we displayed three designs with medical motifs on our Facebook profile for the fans to vote and choose the best one. These designs, including the “Himalaya” of Albertov, were then completed with the Union logo and went on sale at our premises.

**Celebration of the anniversary of resurrection of the activity of the Union** – On 7<sup>th</sup> January 2015, a commemorative evening took place at the Academic Club in Faust House on the occasion of the 25<sup>th</sup> anniversary of resurrection of the activity of the Union of Czech Medical Students. A great number of prominent personalities came, including the present Dean, his colleagues who served in the office before, and many ex-presidents of the Union, who presented short talks and remembered the 25 years of its free activity.

**Medics' Prom Ball** – 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 127<sup>th</sup> ball. Last year, a new method of reservation of the tickets was introduced, which made booking of the tickets via the internet really simple and easy.

**Star/Magic Rave-up** – The traditional party in the untraditional setting of the club El Magico. In 2015, there were two parties in the past year: the spring party at the Hvězda (“Star”) club and the autumn party in the club El Magico, where we moved the event. As always, Star/Magic Rave-ups were strictly non-smoking events.

**1+6 Medic Party** – An event where prospective alumni of the Faculty meet the freshmen, took place on 8<sup>th</sup> December 2015 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. This time, again, this event met a warm response on the Facebook, and the full house was another proof of the success.

**2015 Picnic** – Bad weather has been a faithful companion of this students' picnic since 1999 when it was organized first, and 2015 was no exception either. We are happy that the tradition continues and we believe the interest will go on – the picnic is very popular among students and they love coming and trying the delicious tidbits prepared for them.

**Sports tournaments** – In 2015 we organized the traditional bowling tournaments several times throughout the year. They met keen interest among both students and staff of the Faculty.

**Film shows** – In the spring, we showed films from the festival of documentaries called One World.

## PROJECTS FOR CHILDREN

**2015 Children's Fun Fair** – Every year the Union of Czech Medical Students participates in organizing this event at the beginning of June.

**2015 St. Nicholas Eve** – It was the 16<sup>th</sup> time that we gave small presents to children who had to spend St. Nicholas Day in hospital. Apart from the traditional visit of the Devil, Angel and St. Nicholas in the General University Hospital in Prague, this time the event included the more distant hospitals too – Thomayer Hospital in Krč, and for the second time the Na Bulovce 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 2016

- 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 carry on the successful tradition and successful events, launching new projects as well.
- 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.
- To establish closer cooperation with other student organizations at our Faculty as well as other faculties in Prague.

Executive of the Union of Czech Medical Students by 31<sup>st</sup> December 2015

President of the Executive: Josef Urbanec (since 16<sup>th</sup> November 2015), members of the Executive: Petra Kňážíková, Kristína Molnářová, Daniela Vančíšínová, Jan Mareš, Zbyněk Vávra, Jitka Knapčoková, Renata Bravencová, Štěpánka Strachotová, Ludmila Kroupová.

*Compiled by: Josef Urbanec*

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

At present, the International Federation of Medical Students' Associations is the world's largest and oldest independent organization of medical students and it has a branch at each medical faculty in the Czech Republic.

Activities of IFMSA at the local level can be divided into two sections – 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 2014–2015 AND 2015–2016

In 2015 our branch sent out 59 students and welcomed 43 incoming students from more than 20 countries of all over the world. On 23<sup>rd</sup> November 2015, the National Language Test was done, attended by 150 students at our Faculty, both from Czech and English classes, 721 students altogether in the whole country. Having filled the application forms in, 61 students of our Faculty are looking forward to their study placements.

On 10<sup>th</sup> December 2015 these students could take part at the PreExchange Training and learn where to get important information about their destination countries and how to get the necessary documents. For the same students, our section plans the whole-day PreDeparture Training in April, with a pack of practical workshops as well as lectures on epidemiology and situation in the world in terms of human rights.

Apart from clinical placements, students can choose scientific placements as well. These were taken by 10 students from our Faculty while another 9 came to scientific placements in Prague.



### PROJECTS IN THE ACADEMIC YEARS 2014–2015 AND 2015–2016

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". In the Teddy Bear Hospital project, we visited 32 kindergartens, trying to help children to get rid of their fear of white gowns.

The gist of the latter project is training in first aid at higher basic schools, grammar schools and other secondary schools. We trained about 55 new instructors and implemented 26 classes. The estimated total number of students who were trained in first aid is 720. We carry on co-operating with the Department of Anaesthesiology, Resuscitation and Intensive Care, which supports us in training of instructors, implemented in collaboration with Dr. Robert Pleskot. Something that we find a great success was compilation of a new handbook.

World Diabetes Day (WDD) is an event organized by students under the auspices of IFMSA CZ, which associates all medical schools in the Czech Republic. The aim of the project is to promote awareness of the risk factors, symptoms and prophylaxis of type 2 diabetes mellitus.

In Prague the World Diabetes Day took place at the Anděl pedestrian precinct in the centre of Smíchov in Prague and in the Republic Square on 11<sup>th</sup> November 2015. From 12 o'clock till 6 p.m. anyone interested could visit the educational tent with ten stands focused on preventive and advisory activities concerning DM. During the event, we managed to completely examine 430 persons. We detected previously undiagnosed hypertension in scores of visitors, and hyperglycaemia in at least 7 persons.



**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. The event took place on 1<sup>st</sup> December 2015.

Within this section, the project Advanced Sex Education is implemented to promote education of students at secondary schools that we visit in the area of prevention of transmission of sexually transmitted diseases.

**SCORP** (Standing Committee for Human Rights and Peace)

In cooperation of branches at the three medical faculties in Prague, two events took place in December 2015 on the occasion of the Human Rights Day: they dealt with schizophrenia and legal capacity of schizophrenics. This topic was introduced by showing two films, including a Canadian documentary about life of schizophrenics in a mental institution who had committed serious crimes. The show was followed by discussion with Mr. Ctibor Lacina from the club Mosty (= Bridges), who was also able to tell about his personal experience. The other event, which followed one year later, was a very interesting lecture by professor Cyril Höschl at the Third Faculty of Medicine of Charles University. During the evening the audience were also able to discuss with quests from Studio 27, who spoke very frankly about how they experienced episodes of this mental disease.

**SCOME** (Standing Committee for Medical Education)

Medicafé is our key project in this sphere. In 2015, five events took place, which informed students and general public about some interesting topics from medical setting. The special guests included Dr. Roman Liščák and Dr. Marcela Hornišová.

Another project in this section is Surgical Suture, where students learn some surgical techniques, training on pig legs under supervision of experienced surgeons, which is very popular among medics.

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 possible.

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

*Veronika Javůrková*

*local president*



## MEDSOC 1. LF UK

LF1 MEDSOC is the non-profit student organization for all the students of the English parallel at the First Faculty of Medicine of Charles University in Prague. LF1 MEDSOC is run by students, for students. The LF1 MEDSOC Board consists of 5 members (President, VP Academic Affairs, VP Activities & Media, VP Student Support and Treasurer). However, there are over 50 students who are actively involved in making LF1 MEDSOC function.

There are 3 main sectors within LF1 MEDSOC corresponding to the individual VP (Vice President) role:

### ACADEMIC AFFAIRS

Here we focus on helping our students integrate into the university and adjust to the system at our faculty.

We organize seminars for the first years in order to explain in detail how the university system works. This involves the Credit System, Elective Subjects, Oral Examinations, Weekly Tests and Study Styles.

We also organize other seminars such as "How to get a job in the UK", "How to tackle the USMLE", "How to get a job in Germany". The speakers are usually doctors who have recently graduated from our faculty.

We have started Tutoring Classes which are free of charge for our students. Students from upper years have volunteered to actively teach and give advice to students about the best way to study certain topics. Our last Anatomy Dissection Workshop was very successful with over 80 students attending.

We have created an Online Database via Dropbox for all of the 6 years including Dentistry and General Medicine. They contain study material and resources for almost all subjects and notes created by previous students.

The Academic team also arrange an annual 2<sup>nd</sup> hand book sale. This benefits both upper year students who want to sell old books and freshers who want to buy cheaper books.

This year we also organized a very successful Suturing Workshop with sponsorship from Ethicon and the volunteered services of MUDr. Karel Klíma.



### ACTIVITIES & MEDIA

We believe that in order to bring the student body closer together it is vital for them to participate in activities ranging from team sports to events.

We arrange an annual Fresher's Week which is mainly tailored towards the new 1<sup>st</sup> years, however, many upper year students also attend. This week is full of activities and enables the new students to meet one another before the academic year starts. The events include Bowling, Laser Tag, Trip to the Zoo, Dinner at a restaurant and finally a big party organized by the English Parallel of all 3 medical faculties.

Through the year the Activities & Media Team arrange various events from the Halloween Party to the Christmas Food Fair to Charity Fundraising events, e.g Movember.

We also organize competitive sports we have a Basketball and a Football team. Our teams have taken part in Friendly matches and Tournaments against other teams in the Czech Republic.

We also have many Groups and Societies such as the Hiking club, Dance club, Running club, Tennis club, Volleyball club and many more. This is where students with similar interest can meet up and participate in activities together.

We also create merchandise for our students such as faculty hoodies and lanyards.

Finally we organize the Spring Ball for our students which in the recent years has been at Národní dům. This is a formal event including a 3 course meal and live performances.

**STUDENT SUPPORT**

Moving to a new country with a different language can be perplexing and difficult to cope with at first. Therefore, the student support sector is mainly catered towards helping students adapt to both life in Prague and at the University.

We have created a Guide System (Buddy System) which has been in operation for over 6 years now. Students from upper years apply and volunteer to become a guide for the newly coming 1<sup>st</sup> years. There are usually 3–4 guides per a year group. The guides meet the students on Enrollment day and also help with the process. They give standardized information to the students about life in Prague, Libraries, University Subjects, Tests and much more. The Guides meet with the students about every week for the first month of studies and then monthly when the students have settled in. The guides are also available to the students for any questions or problems the students may have throughout the year.

We also have an affiliation with ForStudents, a company which helps our students who require VISAs in order to study in the Czech Republic. They book appointments, help with translations and with other obstacles the students may encounter. They also assist in providing students with Czech Medical Insurance.

We have an enthusiastic Charity Team who organize an annual clothes donation and Christmas Present donation with the Red Cross. They also fundraise money via events, bake sales and other revenues.

We have developed an informative section on our website concerning Mental and Physical Health. It contains information about English speaking GPs, Psychiatrist, Dentists, and much more.

*Barbara Anna Danek*

*Vice President of Academic Affairs, LF1 MEDSOC*



### **Bedřic Hrozný Prize**

The prize, which is awarded by the Rector of Charles University for an important creative act, was won by the Dean of the First Faculty of Medicine Prof. MUDr. A. Šedo, DrSc. together with Prof. Rolf Mentlein from the University of Kiel, Germany. The prize was awarded for their editorship and co-authorship of the monograph *Glioma Cell Biology*. Prof. Šedo received the award from the Rector of Charles University Prof. Tomáš Zima in the Magna Aula of Karolinum on 7<sup>th</sup> April 2015.

### **Josef Hlávka Medal**

Prof. MUDr. Jiří Kraml, DrSc., scientist and teacher of the Institute of Institute of Medical Biochemistry and Laboratory Diagnostics, was awarded Josef Hlávka Medal in memoriam. This medal is intended for doyens and founders in various fields of Czech science and arts. Prof. Kraml was a prominent Czech specialist in the field of biochemistry, in particular enzymology. For the award he was nominated by the Rector of Charles University. Prof. Kraml died on 20<sup>th</sup> September 2015.

### **Prof. MUDr. Karel Weigner Prize**

The award was presented to the best graduate in medical fields, MUDr. Martin Bartoš from the First Faculty of Medicine, by the Rector Prof. Tomáš Zima on 18<sup>th</sup> March 2015. This prize is awarded by the Rector of Charles University for excellent study results, which Martin Bartoš achieved throughout his studies, including the excellent grading of all parts of the Rigorous State Examination.

The prestigious **Werner von Siemens Award** for the best university educationalist was granted to Prof. MUDr. Stanislav Štípek, DrSc. from the Institute of Institute of Medical Biochemistry and Laboratory Diagnostics. He received the award at a special gala in the Bethlehem Chapel in Prague on 5<sup>th</sup> February 2015.

### **J. E. Purkinje Czech Medical Society Award**

The 2015 annual award of the J. E. Purkinje Czech Medical Society Award was granted to the emeritus head of the Department of Stomatology Prof. MUDr. Jiří Mazánek, DrSc. Professor Mazánek is a prominent personality of Czech medicine, who influenced the development of various branches of medicine, in particular dental, mandibular and facial surgery but also general surgery and oncology. He was also one of the first practical promoters of laser medicine in the Czech Republic as well as in Europe. He pioneered a good number of new techniques, particularly in the area of laser oncology. He was a long-standing leader of the largest dental institution in the Czech Republic, vice-dean of the First Faculty of Medicine, active member of the Czech Chamber of Stomatology and many expert advisory boards.

### **Charles University Memorial Medals**

On the proposal by the Dean of the First Faculty of Medicine, the Rector of Charles University in Prague presented 2015 Gold Memorial Medals of Charles University to Prof. Raphael Mechoulam, Prof. MUDr. Jiří Zeman, DrSc. and Prof. Josef Syka; and Silver Memorial Medals to Prof. Nicola Scipinaro and Prof. MUDr. Jan Štěpán, DrSc.

### **Dimitris N. Chorafas Foundation Award**

This prestigious Israeli award from Dimitris N. Chorafas Foundation for 2015 was won by MUDr. Ondřej Kodet, Ph.D., a graduate of doctoral (Ph.D.) study programme of Experimental surgery.

### Discovery Award

The annual prize Discovery Award, granted by the Novartis company to researchers under 40 years of age who have played an important role in unique progress in the field of medicine and/or pharmacology, was won by Ing. Jan Ruzs, Ph.D., from the Department of Neurology of the Faculty and the General University Hospital in Prague and the Department of Circuit Theory of the Faculty of Electrical Engineering of the Czech Technical University in Prague.

### ECTRIMS Honorary Membership

Prof. MUDr. Eva Havrdová, DrSc. from the Department of Neurology was made an honorary member of the international organization ECTRIMS in Barcelona in October. Therefore she is the only neurologist from the former Eastern bloc honoured by the membership. ECTRIMS (European Committee for Treatment and Research in Multiple Sclerosis) is an important world organization, the largest in Europe which is devoted to multiple sclerosis research.

### Patient Union Award for C. Povýšil

The specialist board of the Patients' Union of the Czech Republic awarded Prof. MUDr. Ctibor Povýšil, DrSc. from the Institute of Pathology the title the Doctor of the year. He received the award at a special ceremonial meeting in the Atlas cinema in Prague on 14<sup>th</sup> May 2015.

### Prominent monograph of Charles University

The book acknowledged as the prominent publication of the year of Charles University was Králíková E. et al.: *Závislost na tabáku – epidemiologie, prevence a léčba* [Tobacco addiction – epidemiology, prevention and treatment], Adamira, Břeclav, 2013, 503 pp. It is the first publication in Czech language to deal with diagnosis F17 – tobacco addiction – in its complexity. The contributors include 85 authors, generally top representatives of most clinical branches of Czech medicine. In addition to Assoc. Prof. MUDr. Eva Králíková as the main author, another 28 authors from our Faculty contributed.

### MEMORIAL MEDALS AWARDED BY THE DEAN OF THE FIRST FACULTY OF MEDICINE

Prof. MUDr. Soňa Nevšímalová, DrSc.  
 Prof. Janko Kersnik, MD, MSc., Ph.D.  
 Prof. MUDr. Eva Havrdová, CSc.  
 Assoc. Prof. MUDr. Miroslav Zeman, CSc.

### MEMORIAL DIPLOMAS AWARDED BY THE DEAN OF THE FIRST FACULTY OF MEDICINE

Assoc. Prof. MUDr. Marie Balíková, CSc.  
 Assoc. Prof. RNDr. Ivan Mazura, CSc.  
 Prof. PhDr. Milada Říhová, CSc.  
 Prof. MUDr. Bohuslav Ošťádal, DrSc.  
 Assoc. Prof. MUDr. Luděk Peřinka, CSc.  
 Prof. MUDr. Viktor Kožich, CSc.  
 Prof. MUDr. Renata Cífková, CSc.  
 Prof. MUDr. Jaroslav Blahoš, DrSc.  
 Assoc. Prof. MUDr. Kamil Kalina, CSc.  
 Prof. MUDr. Jaroslav Živný, DrSc.  
 Prof. MUDr. Jan Bartoníček, DrSc.  
 Prof. MUDr. Rastislav Druga, DrSc.  
 Assoc. Prof. MUDr. Jan Fanta, DrSc.  
 Prof. MUDr. Jaroslav Pokorný, DrSc.  
 Prof. MUDr. Jiří Zeman, DrSc.





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*The 128<sup>th</sup> Representative Medics Ball, January 8, 2015*



*The Observation of Eclipse of the Sun,  
March 20, 2015*



*The Discussion with a famous writer  
Pavel Kohout, January 29, 2015*



*Open Day, April 10, 2015*





*The Discussion with a famous journalist Ondřej Neff,  
March 26, 2015*



*The Discussion with a famous czech musician  
Michael Kocáb, April 30, 2015*



*Healthy tooth in the healthy Czech Republic, April 21, 2015*



*The Workshop of Art therapy in student's club Faust's House, May 19, 2015*





*The Meeting of Alumni 1. LF UK, June 16, 2015*



*The Press Conference of LOONO, September 8, 2015*



*The Press Conference, New technologies in diagnostics and treatment in Urology, September 3, 2015*

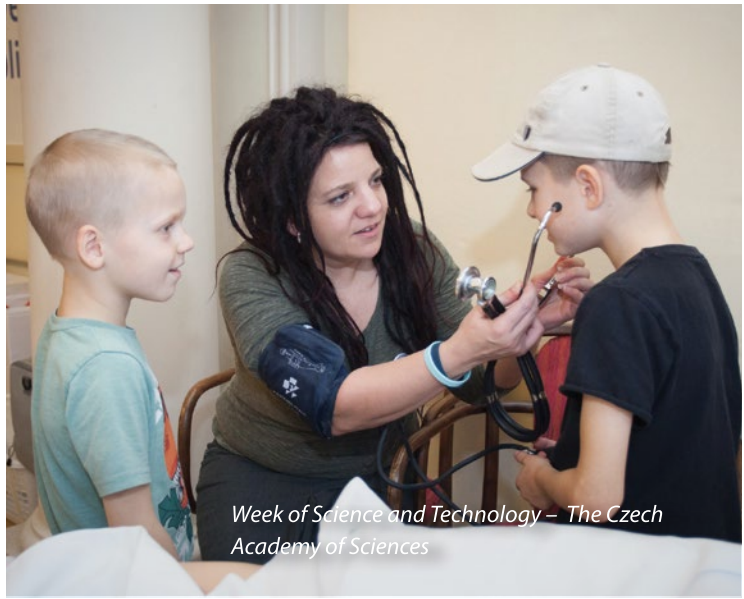


*Meeting courses in Dobronice, August/September 2015*





*Alumni shooting - Prof. Mazánek*



*Week of Science and Technology – The Czech Academy of Sciences*



*Rector's Sports day, Charles University*



*Movie Battles - film Jan Svankmajer's Lunacy*





