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of the Faculty of Science PU

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ntroductory word

Research centers of Palacký University have once again proven that among 48 newly established scientific facilities in the Czech Republic supported by European funding they belong to the most active in publishing their research results. Regional Centre of Advanced Technologies and Materials (RCPTM) has ended on the second and the Centre of the Region Haná for Biotechnological and Agricultural Research (CRH) on the sixth place according to evaluation published by Lidové noviny (LN). A similar report was published by the same paper in December 2014.

The results have pleased the Dean and Director of CRH Ivo Frébort. “We have been doing great thanks to excellent researchers and their diligence and enthusiasm. At CRH, we should however step up, so that we are not the last ones in Olomouc,” he said with a smile.

A „map“ of research centers has been created based on data from Web of Science database. Among the most active centers as far as publications is also the Institute of Molecular and Translational Medicine of the Medical Faculty which finished on the fourth place. According to analysis done by LN, three research centers from Olomouc contribute by 23,7 % of publications and by 45,7 of citations! “Higher number of publications is achieved only by Brno (41,5 %). However, with less number of citations,” wrote Martin Rychlík, the editor.

The first place from last year was again claimed by Central European Institute of Technology (CEITEC). With its 2,454 published papers it has no competition also considering its size and links to Masaryk University and Brno University of Technology. Its studies were cited in 12,464 cases by the end of last year. Right after CEITEC came RCPTM, which may be proud of its 1,343 published papers and incredible 19,000 citations. Researchers at CRH published 472 papers, which have been cited 4091 times.



„The entire operation program involves more than just publications and citations. It is also about sustainability and multiple resources of financing without having to rely on other special financial aid. Of course, excellent papers bring interesting money from institutional financing, however they are the building block of high quality applied research,” explains Radek Zbořil, Director of RCPTM. In his opinion research centers have to succeed not only in national projects but acquire large EU grants such as Horizon 2020. Other possibility for sustainable financing is income from contractual research and licensing.

CEITEC and RCPTM are also the only new research institutes which managed to acquire prestigious ERC grants. Michal Otyepka who received the grant in Olomouc explains that it is impossible to compare citation response of e.g. Physical Chemistry with Mechanical Engineering. "Evaluating the quality of research is a very complex issue. One of the possible measures we use in scientometry is citation response analysis. It is however a complex characteristics, and apart from its quality it can also reflex the popularity of the field, or number of scientists working in the field," says Otyepka.

Science and Research

☐ Czech Science Foundation has announced a Public Competition

Czech Science Foundation (GA CR) has announced a public call for standard, international and junior projects with expected implementation in 2017. Specifications of the projects and statements to prove eligibility can be found by clicking the above mentioned links. Project proposals shall be sent to Mrs. Michaela Kratochvílová at: michaela.kratochvilova@upol.cz by **March 24, 10:00 a.m.** in order to ensure timely submission of your proposals using databox. For more information please contact GA CR helpdesk via email: info@gacr.cz.

☐ Submission of proposals for Czech Science Foundation evaluation panels

Czech Science Foundation has also announced an additional call for proposals for nomination of candidates to their evaluation panels P201 Mathematics and P204 Physics of Condensed Matter and Materials. For more information please contact GA CR helpdesk via email: info@gacr.cz. Proposals shall be submitted to Michela Kratochvílová at the Department of Science and Research by **March 16**.

International and outer University Information

☐ Students may **adjust their timetable at the Department of Study till March 18**. Modifying the timetable after this deadline is possible only upon request, confirmed by the head of the respective department or a teacher.

☐ Graduation Ceremony

We kindly ask students who completed their studies by taking a state final exam and wish to participate in graduation ceremony to come to the Department of Study and confirm their presence at the ceremony. It will be held **from June 27 to July 1**. Graduation schedule will be posted on the website of the Faculty at the beginning of June. Faculty alumni may collect their confirmation of the studies completion as well as their diplomas at the Department of Study at the end of March at earliest.

☐ Finish your studies on time if you want to take the state final examination!

The Department of Study reminds the third year students of Bachelor study programs and the second year students of Master study programs of the obligation to conclude their studies at least three weeks before the date of their state final examination. To conclude their studies, students must submit their student credit book with all their learning results entered and confirmed therein at the Department of Study. The learning results must also be recorded in STAG system.

☐ German language summer school

Students who will attend this summer school can significantly improve their German in tandem with students from Austria during three weeks of studies filled with intensive language training as well as rich cultural program full of trips, literary readings, interesting lectures and film evenings. You can register for the summer school by April 30. For more information please write an email at: katarina.matusova@dzs.cz.

☐ World Student Organization AIESEC is looking for reinforcement

Are you interested in meeting new people, in self-development? Would you like to define your goals and

to participate in international projects and change this way life of millions of young people around the world? Join the world's largest organization managed by students - AIESEC. Further information as well as an application form can be found [here](#).

❑ **FameLab 2016**

We wish to inform you one more time about the chance participate in this year's FameLab competition, which offers the chance to improve your skills in promoting science and providing the audience with an insight into the competitors' latest research in medicine, mathematics or natural science. If you want to find more information, electronic application form or practical tips and inspiration from previous years of FameLab please click [here](#). Anyone can now apply only till **February 28**.

I **nternational Matters**

❑ **Scholarships in the Republic of Korea**

The embassy of the Republic of Korea in the Czech Republic has published an offer of two year scholarship for Master study program or a three-year postgraduate study program at a university in Korea. Further information including application forms can be found [here](#). Applications altogether with documents required shall be sent to [the Academic Information Agency](#) by March 22, 3:00 p.m.

❑ **Scholarships in Poland**

Students of Bachelor, Master and Doctoral study programs as well as an academic staff can still apply for study and research scholarships in Poland because the quota for the scholarships based on international agreements has not been filled yet. The additional deadline for submitting applications is **April 14**. For more information about scholarship offers please contact Karla Benešová at aia@dzs.cz.

❑ **Prague Protein Spring 2016**

We would like to inform you about the unique opportunity to meet the top leaders in the field of molecular and structural biology, protein chemistry and medicine at the scientific conference devoted to proteins and their design. The fourth annual meeting will be held **in Prague from May 5 to May 8**. Detailed information including registration form can be found [here](#).

S **tudent Organizations**

❑ **POSPOL**

Student organization POSPOL is looking for reinforcements. Do not hesitate to sign up and get an ideal opportunity of self-fulfillment, an opportunity to work in a team, gain valuable experience and maybe even admiration from classmates or colleagues. If you are interested, send an email to: pospol@upol.cz.

POSPOL also invites you to **the Faculty of Science Band Clash** this spring. Don't miss the opportunity to have a go with your band in a renowned Olomouc club and compete with others for the chance to play at Majáles 2016! You can register your band [here](#) or via email: pospol@upol.cz till the end of February.

Anyone for a table tennis match? POSPOL has organized a new Faculty Table Tennis League. Send us an email if you want to register or find out more information.

❑ **UP Crowd**

Jan Tomáščík on Particle Astronomy, Jan Kollár on Evolution, Andrej Soós on Genome Editing – these are a few of several science lectures given by members of UP Crowd at different high schools and grammar schools during February. Do **you** know any secondary school interested in similar science lectures? Would **you** like to give a lecture by yourself? Let us know at tomastik@seznam.cz!

UP Crowd - the association of students and friends of science is looking for new members. Come and join us on Thursday, March 3 in the pub "U Magora" at our regular meeting. We are dedicated to promoting science through live lectures or using social networks and we would like to welcome new colleagues from the Faculty of Sciences, the Faculty of Education, the Faculty of Medicine and Dentistry or the Faculty of Arts. Show that you study for more than just to get a degree!

Miscellaneous

☐ **Sport activities for university employees**

UP Academic Sport Centre (ASC) offers sport activities designed to balance sedentary pursuits. The schedule of current workout sessions is available [here](#).

If you like the idea of active holiday in Greece with both recreation and sports, contact ASC for more information at: tomas.valenta@upol.cz.

☐ **The next Newsletter will be released on March 11, 2016**

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