



newsletter

Department of Biomedicine



No. 02/2017 – 27 January 2017

Editor in chief: Rolf K. Reed. Editors: Amra Grudic-Feta/Stian Krog. Published every second week through the year.

Dear colleagues,

The Norwegian parliament's white paper on higher education was the topic at the Government Contact Conference last week. This is an annual conference where the government focuses on important issues in our sector generally, and thus also on UiB. The Rector and University Director has made the content of the conference concrete regarding follow-up measures at UiB, to increase quality in the education we provide. There are many layers in this, but the new study plan in medicine is an example of arenas in our proximity and how sometimes major changes in an educational program have to be made. Frameworks and instruments for process control are being addressed simultaneously. These are ongoing processes which continuously seek to improve quality, which includes course descriptions and evaluations carried out by NOKUT.

The Department Council has convened and decided budget allocations for 2017. The Department is now in a phase where technical positions are being announced due to several of our trusted employees over many years are retiring. Hence, the appearance of a number of new colleagues is to be expected during the coming months.

Sincerely,
Rolf Reed
Head of Department



Research, Science and Seminars

New publications at the Department of Biomedicine

This list is a result of the PubMed query "Bergen & Biomedicine". If someone misses their publications on the list, please send the link to it to the editor so it can be included in the next newsletter.



[PKU mutation p.G46S prevents the stereospecific binding of l-phenylalanine to the dimer of human phenylalanine hydroxylase regulatory domain](#)

João Leandro, Jaakko Saraste, Paula Leandro, Torgeir Flatmark
FEBS openbio, volume 7 issue 1 January 2017 DOI: 10.1002/2211-5463.12175

[Semi-automatic 3D morphological reconstruction of neurons with densely branching morphology: application to retinal All amacrine cells imaged with multi-photon excitation microscopy.](#)

Zandt BJ, Losnegård A, Hodneland E, Veruki ML, Lundervold A, Hartveit E.
J Neurosci Methods. 2017 Jan 20. pii: S0165-0270(17)30008-0. doi: 10.1016/j.jneumeth.2017.01.008. [Epub ahead of print]
PMID: 28115187

[Microsphere cytometry to interrogate microenvironment-dependent cell signaling.](#)

Ertsås HC, Nolan GP, LaBarge MA, Lorens JB.
Integr Biol (Camb). 2017 Jan 19. doi: 10.1039/c6ib00207b. [Epub ahead of print]
PMID: 28102399

[Common and specific genes and peripheral biomarkers in children and adults with Attention-Deficit/Hyperactivity Disorder.](#)

Bonvicini C, Faraone SV, Scassellati C.

World J Biol Psychiatry. 2017 Jan 18;1:52. doi: 10.1080/15622975.2017.1282175. [Epub ahead of print]

PMID: 28097908

[Membrane-depolarizing channel blockers induce selective glioma cell death by impairing nutrient transport and unfolded protein/amino acid responses.](#)

Niklasson M, Maddalo G, Sramkova Z, Mutlu E, Wee S, Sekyrova P, Schmidt L, Fritz N, Dehnisch I, Kyriatzis G, Krafcikova M, Carson BB, Feenstra J, Marinescu VD, Segerman A, Haraldsson M, Gustavsson AL, Hammarström LG, Jenmalm-Jensen A, Uhrbom L, Altelaar AF, Linnarsson S, Uhlén P, Trantirek L, Vincent CT, Nelander S, Enger PØ, Andäng M.

Cancer Res. 2017 Jan 13. pii: canres.2274.2016. doi: 10.1158/0008-5472.CAN-16-2274. [Epub ahead of print]

PMID: 28087597

[Role of Hyperplasia of Gingival Lymphatics in Periodontal Inflammation.](#)

Papadakou P, Bletsa A, Yassin MA, Karlsen TV, Wiig H, Berggreen E.

J Dent Res. 2016 Dec 1;22034516681762. doi: 10.1177/0022034516681762. [Epub ahead of print]

PMID: 28081372

[Lack of collagen XV is protective after ischemic stroke in mice.](#)

Dhungana H, Huuskonen MT, Pihlajaniemi T, Heljasvaara R, Vivien D, Kanninen KM, Malm T, Koistinaho J, Lemarchant S.

Cell Death Dis. 2017 Jan 12;8(1):e2541. doi: 10.1038/cddis.2016.456.

PMID: 28079884

[How Far Have We Come in the Field of Nerve Regeneration After Trigeminal Nerve Injury?](#)

Rosén A, Tardast A, Shi TJ.

Curr Oral Health Rep. 2016;3(4):309-313. Review.

PMID: 27891301

[PEGylated cationic hybrid bicellar nanodisc for efficient siRNA delivery](#)

Yanyan Li, Yidi Wu, Shuquan Zheng, Xiaolong Liang, Xiaorui Han, Renfa Liu, Deyao Zhao, Yunhui Zhao, Yushen Jin, Min Chen, Xiaoxia Wang, Huiqing Cao, Xiuli Yue, Tiejun Sten Shi, Zicai Liang

RSC Adv., 2016,6, 113745-113753 DOI: 10.1039/C6RA24268E

[Assembly of the elongated collagen prolyl 4-hydroxylase \$\alpha 2\(\beta 2\)\$ heterotetramer around a central \$\alpha 2\$ dimer.](#)

Koski K, Anantharajan J, Kursula P, Dhavala P, Murthy AV, Bergmann U, Myllyharju J, Wierenga RK.

Biochem J. 2017 Jan 16. pii: BCJ20161000. doi: 10.1042/BCJ20161000. [Epub ahead of print]

PMID: 28093469

Current funding announcements/deadlines

Norges Forskningsråd (NFR)

- ⇒ [ERA-Net TRANSCAN-2](#) announces a call “Minimally and non-invasive methods for early detection and/or progression of cancer”. That includes screening of the general population, risk stratification, surveillance of high-risk groups, minimally invasive methods.
- ⇒ **Deadline: for pre-proposals is 13 February 2017**
- ⇒ [SYNKNØYT](#): up to 20 million for synchrotron and neutron-based research. **Deadline: 15 February 2017**
- ⇒ RCN is planning [a joint call of the four programs \(BEDREHELSE, HELSEVEL, KVINNEHELSE, BEHANDLING\) within Health](#). One P.I. may submit one application only, i.e. will have to choose between the four programs.
Deadline: 26 April
There will be an information meeting in Trondheim on the **14th of February**. The meeting will be streamed.
- ⇒ **NEW: ERA-Net CoBioTech** co-funded call for transnational collaborative research projects: “Biotechnology for a sustainable bioeconomy”.
Deadline: for pre-proposals 2 March 2017



- ⇒ **NEW: ERA-CVD** European Research Area Network on Cardiovascular Diseases announces a second Joint Transnational Call: Mechanisms of early atherosclerosis and/or plaque instability in Coronary Artery Disease. Info from RCN is [here](#).
Deadline: for pre-proposals 6 March 2017
- ⇒ **NEW: ERA-Net NEURON**: Call for Proposals for Research Projects on "Synaptic Dysfunction in Disorders of the Central Nervous System". The present call will accept proposals addressing the disease-related synaptic dysfunction with approaches ranging from understanding basic mechanisms of disease through proof-of-concept therapeutically-driven clinical studies in humans.
Deadline: for pre-proposals 14 March 2017
- ⇒ **NEW: BEDREHELSE**: NOK 40 million to joint [Indo-Norwegian researcher projects on antimicrobial resistance](#).
Deadline: 26 April 2017

Horizon 2020

- ⇒ [Horizon 2020](#) and [news](#)
 - ⇒ Project establishment support [PES](#) and POS (posisjoneringsmidler) for Horizon 2020 applicants: open-ended during Horizon2020 Call period.
 - ⇒ On the following page the [local contact points](#) are listed where every call has a responsible research advisor. You can contact them or faculty advisors, [Ramune Midttveit](#), [Itana Sloper-Krivokapic](#).
- 
- ⇒ Read more (information and routines for application): <http://www.uib.no/en/horizon2020>

Selected H2020 deadlines 2016:

European Research Council (ERC) - Frontier research grants

- ⇒ [Consolidator Grant](#): are designed to support excellent Principal Investigators at the career stage at which they may still be consolidating their own independent research team or programme.
Deadline: 9 February 2017.



Marie Skłodowska-Curie Actions (MSCA)

Excellent and innovative research training plus attractive career and knowledge-exchange opportunities through cross-border and cross-sector mobility, no thematic priorities.

- ⇒ [Research and Innovation Staff Exchange \(MSCA-RISE-2017\)](#): RISE gives support for mobility and exchanges of research and innovation staff, incl. managerial, technical and administrative staff between institutions in different sectors or with research institutions in countries outside of Europe.
Planned opening date: 01 December 2016 **Deadline: 5 April 2017**
[Webinar MSCA-RISE 2 February 10:00-11:00](#)

Societal Challenges (SC): Collaborative breakthrough research and radical innovation

SC1-2017 Health, demographic change and wellbeing:

The headline goal of the programme 'Health, Demographic Change and Wellbeing' is better health for all. Its main policy objectives are to improve health and wellbeing outcomes, to promote healthy and active ageing, to promote market growth, job creation, and the EU as a global leader in the health area.

Personalised medicine, single-stage

Deadline: 14 March 2017

- ⇒ SC1-PM-17-2017: [Personalised computer models and in-silico systems for well-being](#)
- ⇒ SC1-PM-16-2017: [In-silico trials for developing and assessing biomedical products](#)

Deadline: 11 April 2017

- ⇒ SC1-PM-03-2017: [Diagnostic characterization of rare diseases](#)
- ⇒ SC1-HCO-08-2017: [Actions to bridge the divide in European health research and innovation](#)

Horizon 2020 - Complementary Calls

- ⇒ Pre-announcement [IMI 2 \(Innovative Medicines Initiative 2\) – Call 10](#):
 - [Biomanufacturing 2020: Development of innovative high throughput analytical tools and methods to characterize cell culture fluid during development and commercial cell culture processes](#) 
 - [Unlocking the solute carrier gene-family for effective new therapies](#) 

Deadline: for stage one submission 28 March 2017



EEA/Norway Grants

- ⇒ [Hungary – scholarship: professional visits action](#).
Deadline: 30 April 2017

Norwegian Cancer Society/Kreftforeningen

- ⇒ [Foreign Scholarships](#): A personal grant is awarded to a designated individual (researcher, doctoral fellow or post-doctoral fellow) to promote competence building and internationalization of Norwegian research. Overseas research grants are awarded under the auspices of a project funded by the Norwegian Cancer Society and may be provided for visits abroad lasting from two to 12 months.
Deadline: 15 March 2017

Novo Nordisk Foundation Symposia

- ⇒ Call for: [Novo Nordisk Foundation Symposia](#). The Foundation offers funding for up to two one-day symposia to be held in 2017. For each symposium, funding up to DKK 320.000 is available.
Deadline: 8 March 2017
- ⇒ [Exploratory pre-seed grants](#): seek to support application-oriented research and to test new ideas that may lead to the development of new medical treatments, disease prevention, devices and diagnostic methods as well as new industrial biotechnology in the life science area.
Deadline: 6 April 2017

NordForsk

- ⇒ [New instrument for Nordic University Cooperation: Nordic University Hubs](#): The overall goal of the new funding instrument is to strengthen international competitiveness and facilitate the development of world leading research environments in the Nordic region. **Deadline:** 3 May 2017

Systems Medicine

- ⇒ Pre-announcement of the “2nd [Joint Transnational Call for European Research Projects on Systems Medicine \(ERACoSysMed\)](#)”. The central aim of ERACoSysMed is to enhance the implementation of Systems Biology approaches in medical concepts, research and practice throughout Europe and Israel by structuring, coordinating and integrating national efforts and investments.
Deadline: call is scheduled to open on February 3 2017

ExtraStiftelsen

- ⇒ [ExtraStiftelsen](#) Issues related to health services in the municipalities and the interaction between various players in the health sector, including user involvement, will be given priority in the application process. It can also be applied for clinical research related to development of new treatments and services.
Deadlines: 15 March (health projects); 1 June (research projects)

Fellowships and Personal Grants

- ⇒ [EMBO \(European Molecular Biology Organization\) Fellowships](#). *Research on the molecular mechanisms of life at all levels.*
 - ⇒ [Short-term](#) (postdocs and advanced PhD students) fellowships fund research visits of up to three months to laboratories in Europe and elsewhere in the world. The aim is to facilitate valuable collaborations with research groups applying techniques that are unavailable in the applicant's laboratory. **Deadline:** throughout the year.
 - ⇒ [Long term](#) - **Deadline:** 12 February 2017
- ⇒ Novo Nordisk Foundation: a call for [postdoctoral fellowships for research within biotechnology-based synthesis and production](#). These fellowships support fundamental and applied research projects aimed at generating products in improved and more sustainable ways. **Deadline:** 31 January 2017
- ⇒ [Career Development Fellowships](#) aims to provide funding to actions that aim to support junior to mid-career researchers (“fellows”) to train and develop their clinical research skills. **Deadline:** 28 February 2017



Meetings/workshops/conferences

- ⇒ The 3rd conference of the [International Rare Diseases Research Consortium \(IRDiRC\)](#) will take place **February 8-9** in Paris. [Registration](#) for IRDiRC 2017 is now open!

- ⇒ [Successful R&I in Europe 2017 - 8th European Networking Event](#): Participants are invited to become involved in established and new technology networks between researchers, entrepreneurs and multipliers related to Horizon 2020, **2-3 March 2017**, Düsseldorf, Germany.
- ⇒ **NEW**: Sean McCarthy course: [How to Write the Impact of a Horizon 2020 Proposal](#), **9 May**, Oslo

Funding for cooperation in higher education

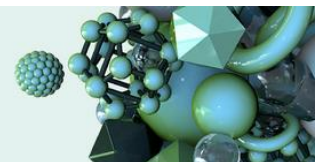
You can find an updated overview of calls for cooperation in higher education [here](#). Relevant calls for researchers from our department are **Erasmus+ Global**, **Peder Sather Grant Program**, and more. **Please note:**

[Mobility grants North America in educational research \(UTNAM\)](#)

The aim of the mobility grant is to contribute to increased cooperation between Norwegian and North American educational researchers through supporting visits to Norway for the purpose of research or dissemination for top North American educational researchers. The scheme will also contribute to the dissemination of results of North American research to Norway and furthermore contribute to competence building in Norwegian research communities. Grants will be awarded for visits of shorter or longer duration.

Deadline: Continuing

For questions on the calls, please contact [Kaia Nepstad](#).



Digital Life Norway

Centre for Digital Life Norway will host its first conference in Oslo 20-21 March 2017. [Here is the program](#), where you also find the link for registration.



Copyright: UiB

You can now utilize UiB's Brussels Office

Do you want to increase visibility for your research in Brussels, or do you need help to build a European network? If so, feel free to contact Kristof Vlaeminck at the Brussels Office. The Brussels Office will increase UiB's involvement and presence in Brussels and be a concrete resource for researchers wanting to build networks and establish consortiums. It also offers help with reviewing announcement documents to understand what the EU Commission is looking for and avoid common pitfalls. The office has its [web page](#) and [Facebook page](#).

Topic for the Research Days for 2017

The Research Days 2017 will focus on wealth creation, value chains and appraisal in any and all forms. 5 main angles have been selected:

- Blue-green renewable resources
- Wealth creation in the digital realm
- The value of research
- The value of life
- Values in society

Read more [here](#) and on the [Research Council of Norway's web page](#).

Falch Awards announced

[The Falch Junior Award 2017](#) and [The Falch Lecture for 2018](#) are now announced, and the deadline for nominations is 01 March 2017.

The Falch Junior Award is given at the Faculty Day on 08 June 2017, where also The Falch Lecture 2017 will take place, this year with [Fred Gage](#).

The Project Bank

The Research Council of Norway has established what they call the [Project Bank](#), where you can find information about already awarded research projects financed by the RCN as well as Norwegian project supported by Horizon 2020. You will find, among other things, summaries and information about the projects. It is searchable by year, topic, department, program, etc. An introduction video on [Youtube](#) explains how to use the Project Bank.

Library courses, spring 2017

The library offers open courses in literature searching and reference handling for employees and PhD's at the University of Bergen and Haukeland University Hospital. The courses are free.

Course name	Date/time	Registration deadline	Course coordinator
Endnote	01 February 09:15-12:00	27 January Registration and inquiries	Hilde Wedvich
Endnote	08 February 09:15-12:00	03 February Registration and inquiries	Randi Bolstad
Pubmed & Embase	15 February 09:15-11:30	10 February Registration and inquiries	Christine Tarlebø Mjøs
Endnote	22 February 09:15-12:00	17 February Registration and inquiries	Randi Bolstad
Pubmed & Embase	08 March 09:15-11:30	3 March Registration and inquiries	Christine Tarlebø Mjøs
Endnote	29 March 09:15-12:00	17 March Registration and inquiries	Hilde Wedvich
Endnote	05 April 09:15-12:00	31 March Registration and inquiries	Randi Bolstad

Registration and more details can be found on UiB's web page:

<http://www.uib.no/sites/w3.uib.no/files/attachments/kurs-ved-biblioteket-bbb-2017-v.pdf>.

If you desire other types of similar seminars or courses at your department, please make contact.

Unger-Vetlesens Medical Fund

The fund is open for applications from Norwegian medical doctors who want to do medical studies or research outside of Norway. [More information.](#)



Operations & HSE News

Survey for the Health and Safety inspection round

The Department plans to carry out this year's Health and Safety inspection round in the last half of February, and in connection with this we ask that everyone takes the survey by 06 February.

Survey before the H & S inspection round: <https://skjemaker.app.uib.no/view.php?id=3007529>

Emergency stations moved

The emergency stations in case of chemical spillage on the 5th and 7th floor have been moved to the area just inside the exit from the floors in the west, close to the elevators. This harmonizes the location of emergency stations for 5th, 6th and 7th floor, which are now all located in corresponding places on each floor.

On the 4th floor, the emergency station is placed in the preparation room for the biochemistry rooms, and the emergency station in the 1st floor is located in the office for the chemical storage as well as in the room for flammable chemicals close to the BBB main gas storage room.

A revised description of the emergency stations will appear in the HSE binder under chapter G.



Academic Affairs

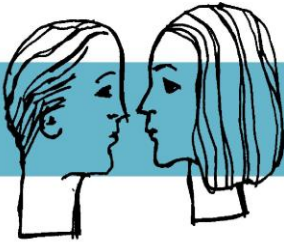
Upcoming Master's Exam:

Yura Kim

Monday 06 February, 10: 00, Meeting room 5th floor, BBB.

Title: «Role of Arc phosphorylation in regulation of Arc protein-protein interactions in rat primary hippocampal neuronal cultures»

Supervisors: Clive Bramham and Maria Steene Eriksen



HR News

This page gives an overview of courses, seminars, information meetings and similar

This page gives an overview of welfare offers for employees at UiB, such as cinema tickets, cultural events, guest

New Health and Safety Inspectors at the Department

Floor:	Inspector:	Vice inspector:
7 th	Tambudzai Kanhema Jakobsen	Trude Skogstrand
2 nd , 4 th and 6 th	Astrid Elisabeth Pettersen	Kjellfrid Fosso Haukanes
5 th	Ingeborg Winge	Ming Ying

Position announcements

Four technical-administrative positions are currently announced internally at the Department:

- [Chief Engineer](#) – Application deadline: 02.02.2017
- [Senior Executive Officer \(Research Coordinator\)](#) - Application deadline: 03.02.2017
- [Staff Engineer at the Department of Biomedicine](#) - Application deadline: 03.02.2017
- [Staff Engineer at the Department of Biomedicine \(CellNet\)](#) - Application deadline: 03.02.2017

2017 Holiday planning

It's time to start planning your holidays.

The Faculty of Medicine and Dentistry has set the following deadlines for application for holidays for 2017:

Holiday	Deadline for request	Fixed holiday
Winter Holiday (week 9)	01.02.2017	15.02.2017
Easter Holiday (week 15)	01.03.2017	15.03.2017
Summer holiday (at least 3 weeks between (15.05-15.09)	01.04.2017	15.04.2017
Autumn Holiday (week 41)	15.08.2017	01.09.2017
Any leftover Holidays	01.10.2017	15.10.2017

Application for Winter Holiday should be sent in PAGA no later than 01.02.2017.

Information about holidays and how to register it can be found here:

<http://pagaweb.b.uib.no/english/5-vacation/>

If you have any questions regarding Holidays and registering please contact Personnel Consultant: Julie Hansen - Email: Julie.Hansen@uib.no Phone: 55586420

Photo for the UiB personnel web page



Do you want to have another portrait picture on the UiB personnel web page, or do you not have one already – and want it? Please register with Birgitte in the reception.

The photo session itself will take place in the studio at Armauer Hansens hus, with the Section for Communication.



PhD Updates

An overview of available PhD and postdoc positions supported by the Marie Skłodowska-Curie actions can be found [here](#).



Congratulations to **Oscar Aubi Catevilla** with a well-defended trial lecture and thesis today, 27 January 2017!



Staff Updates



Elise Aasebø has completed her time as a PhD candidate and moves on to a Post Doc at Department of Clinical Science.

We would like to thank you for all your contributions and great efforts at the Department over many years. All the best with your future projects - we are delighted that you will maintain your close cooperative connections with PROBE!

Photo: Anne Sidsel Herdlevær