



No. 17/2017 – October 27, 2017

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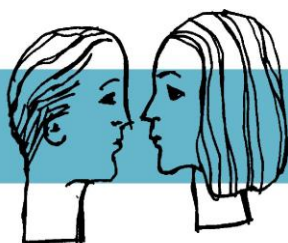
Dear colleagues, IBM'ers,

The semester is now in full swing, and in two weeks (08 November) a test exam of the “objective structured clinical examination” (OSCE) will be held. These examinations will become regular from next year and we will have to prepare a pool of questions and exercises. Even though these exams are quite time-consuming to prepare and conduct, I believe they will indeed contribute to an objective evaluation of the students in a more practice-relevant setting.

As listed in this newsletter, several important and interesting events are coming up. RCN representatives will be in Bergen on Tuesday next week to inform about the upcoming round of Horizon 2020 calls for EU projects. Take a look at the program below in the newsletter! I expect that at least one representative from each research group will attend, especially the part that is most relevant for us, in the afternoon (from 13:45).

I also recommend everyone to attend the Horizon lecture on Tuesday next week. Horizon lectures are an initiative of the Faculty of Mathematics and Natural Sciences and have been a great success. The lecturers are renowned scientists that present their exciting research fields in a way that is easily accessible to a broad audience.

Best wishes,
Mathias



HR News

[This page](#) gives an overview of courses, seminars, information meetings and similar events organized at UiB.

[This page](#) gives an overview of welfare offers for employees at UiB, such as cinema tickets, cultural events, guest accommodation, etc.

We welcome our new employee:



Walter Midtun started on October 24th as an economy consultant in the administration, taking over after Janne Gotaas.

These people are leaving us:



Anne Nyhaug retires after a long and faithful time at the department.

For the past 14 years she has worked at MIC as department engineer and has been responsible for all preparation of samples for electron microscopy and paraffin samples for light microscopy.

Her good mood and high work ethic will be missed at MIC and among all she has provided good service to.



Hilde Garberg quit her position as department engineer at PROBE. September 28th was her last working day here. She started this position in 2003 and has been a very important contributor in PROBE's service and research work these years.

We wish to thank Hilde for a good cooperation and for the effort she has put into PROBE.

We wish her the best of luck in the new position.



Research, Science and Seminars

New Publications at the Department of Biomedicine

NEW: When your articles are published, please send an email to the communication coordinator Margarethe Bittins with the reference. Everything will be included in the newsletter, and we will announce the most exciting findings on our homepage.



We congratulate Inari and Juha on their paper published *today* in "Science"

The authors describe a novel compound that targets multiple stages of the malaria parasite by inhibiting two proteases, plasmepsins IX and X. These enzymes are essential for the parasite invasion of and egress from host cells. Malaria is one of the most devastating global health threats, concerning the most vulnerable part of the population. Efficient strategies for malaria treatment and prevention should ideally target three different life-cycle stages of the parasite. The specific plasmepsin IX and X inhibitor described here blocks the parasites in the blood, liver, and transmission stages. This renders these two proteases as very promising dual targets for malaria eradication. This work is a collaboration of the group of Inari Kursula at the Department of Biomedicine, UiB, and the Biocenter Oulu and Faculty of Biochemistry and Molecular Medicine, University of Oulu, together with collaborators from Geneva, Bern, and London.

[A multistage antimalarial targets the plasmepsins IX and X essential for invasion and egress](#)

Paco Pino, Reto Caldelari, Budhaditya Mukherjee, Juha Vahokoski, Natacha Klages, Bohumil Maco, Christine R. Collins, Michael J. Blackman, Inari Kursula, Volker Heussler, Mathieu Brochet, Dominique Soldati-Favre

Science 2017, Oct 27, Vol. 358, Issue 6362, pp. 522-528



DOI: 10.1126/science.aaf8675

[Altered metabolic landscape in IDH-mutant gliomas affects phospholipid, energy, and oxidative stress pathways.](#)

Fack F, Tardito S, Hochart G, Oudin A, Zheng L, Fritah S, Golebiewska A, Nazarov PV, Bernard A, Hau AC, Keunen O, Leenders W, Lund-Johansen M, Stauber J, Gottlieb E, Bjerkvig R, Niclou SP.

EMBO Mol Med. 2017 Oct 20.

[Fluid accumulation after closure of atrial septal defects: the role of colloid osmotic pressure.](#)

Indrebø M, Berg A, Holmstrøm H, Seem E, Guthe HJ, Wiig H, Norgård G.

Interact Cardiovasc Thorac Surg. 2017 Oct 10

[EGFR heterogeneity and implications for therapeutic intervention in glioblastoma.](#)

Eskilsson E, Røslund GV, Solecki G, Wang Q, Harter PN, Graziani G, Verhaak RGW, Winkler F, Bjerkvig R, Miletic H.

Neuro Oncol. 2017 Oct 10

[Divergent Activity of Pseudogene PTENP1 in ER-positive and negative Breast Cancer.](#)

Yndestad S, Austreid E, Skaftnesmo KO, Lønning PE, Eikesdal HP.

Mol Cancer Res. 2017 Oct 11.

[Associations between attention-deficit/hyperactivity disorder and autoimmune diseases are modified by sex: a population-based cross-sectional study.](#)

Hegvik TA, Instanes JT, Haavik J, Klungsøyr K, Engeland A.

Eur Child Adolesc Psychiatry. 2017 Oct 5.

REMINDER: Horizon 2020 Kick-Off - UiB Researcher Event

UiB and RCN invite researchers from the Faculty of Medicine to a one-day event launching the final work programme of Horizon 2020. Please see the [UiB webpage](#).

Date: October 31st - Location: Scandic Ørnen Hotel, Bergen



Horizon lecture: Eske Willerslev – Hunting the Past With Ancient Genomics

This is a lecture series for staff and students of The Faculty of Mathematics and Natural Sciences, and for all others that are interested in major scientific questions and challenges across disciplinary borders.

This week's topic is molecular biology: Dr. Eske Willerslev was one of the early pioneers of the study of ancient DNA, and today he remains at the forefront of an increasingly competitive field. He led the first successful sequencing of an ancient human genome, that of a 4,000-year-old Greenlander. His research on a 24,000-year-old Siberian skeleton revealed an unexpected connection between Europeans and Native Americans. More info at the event's [webpage](#).

October 31st, 16:00-18:00, Realfagbygget, Auditorium 1

Global Health Research Opportunities in H2020



GLOBVAC and Centre for International Health, University of Bergen, invite you to a seminar presenting **upcoming calls for global health researchers**. For the coming three years of the H2020-programme there are over 10 relevant calls for global health researchers to apply to.

Kristin Andersen, national contact point for Health in H2020, will present relevant calls (topics) for global health researchers for the next three years, and it will be possible to informally discuss your proposal idea.

For more information and to sign up, look [here](#). **October 30, 10.00-13.00, Bergen Resource Center**



Operations & HSE News

December 1st: HSE-Day and Christmas Party

On December 1st, the Department of Biomedicine will hold its annual HSE-day, followed traditionally by the Christmas party. Attendance of the HSE-day is **compulsory**, so please save the date!

The program and registration will be announced later.



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Portrait Photographs

The Department of Biomedicine now has its own professional equipment for portrait-photography. Birgitte de Martens and Torstein Ravnskog are the in-house photographers, so anyone who would like to have a portrait taken, please contact Birgitte in the expedition.

This is especially an offer for new employees, but we recommend that all employees have updated pictures on uib.no.



Illustration: colorbox.no

From the University Section for Health, Environment and Safety: First Aid Course for Laboratory Personnel

"First Aid at the Laboratory" is an HSE course for English speaking employees, who work at the laboratory. It is recommended that new employees take this course. It is a six-hour course of both theory and practical training.

Date: November 21, 9:00-15:00

[Program and registration](#).

Språklunsj – a New Offer for International Researcher in the Haukeland Area

Are you interested in practicing Norwegian during one or more lunch breaks at work? In that case, attending lunch with others in the same situation + someone who has Norwegian as a native language may be an offer that suits you. International Center will now test an offer for "språklunsj" at the University area at Haukeland.

The first "språklunsj" is scheduled for November 1 at 11:30 - 12:30 - in the laboratory building. The first time we will get to know each other and hope that you want to say something about what you want to get out of "språklunsj".

Searching "språkvert": There is also room for several Norwegian language. As a host, you are actively involved in the conversation with those who come to the lunch. Hosts need to speak well Norwegian and may like to give some tips and corrections to the other participants. A language host is happy to meet and talk to new people.

Here is the information sent to the researchers: <http://www.uib.no/en/ir/111282/spr%C3%A5klunsi-p%C3%A5-haukeland>



PhD Updates



New Doctoral Degree

We congratulate **Eli Sihm Samdal Steinskog** to a successful trial lecture and defense on Friday, October 20th!



PhD Trial Lecture/Public Defence: Miro J. Eigenmann

Trial lecture: Friday 27 October 2017 at 10.15

Place: Auditorium 1, BB-building, Jonas Lies vei 91

Topic: "Translational modelling approaches in drug development and therapeutic use"

Defense: Friday 27 October 2017 at 12.15

Place: Auditorium 1, BB-building, Jonas Lies vei 91

Dissertation: "Application of combined experimental and translational modeling approaches in early drug development"



Funding Announcements

Current funding announcements/deadlines

Norwegian Research Council NFR)

NEW FRIMEDBIO: The funding scheme for independent projects (FRIPRO) comprises a national competitive arena for research funding for projects in all fields and disciplines. There will be funding for Researcher Projects, Young Research Talents, FRIPRO Mobility Grants and Support for Event..

Deadline: 25 April 2018

Horizon 2020 / UiB - Project Establishment Support (PES) and Positioning funding (POS)

Each H2020 coordinator-submitted, and formally approved/eligible proposal, will receive a PES grant without submitting a PES-application.

Each submitted and formally approved/eligible partner proposal will receive a minimum of NOK 20,000 without submitting a PES-application. Read more at UiBs [employee pages](#). You can apply for positioning funding by filling in [POS application form](#) and sending it to Kristin.Hansen@uib.no.



Horizon 2020 - European Research Council (ERC) *Frontier research grants*

Local contact point at UiB: Anja Hegen

- [Synergy Grant](#) ERC Synergy Grants are intended to enable minimum two to maximum four Principal Investigators and their teams to bring together complementary skills, knowledge, and resources in new ways, in order to jointly address ambitious research problems. **Deadline: 14 November 2017**
- **NEW** [Consolidator Grant](#). The aim of this grant is to give the most prominent junior researchers the opportunity to consolidate their research, and to expand and broaden their research activities. **Deadline: 15 February 2018**
- [Financial support to submit a new ERC grant proposal](#) The Norwegian Research Council is offering up to NOK 500 000 in support to applicants who submit a new proposal within two years of submitting the original one.

Horizon 2020 - Marie Skłodowska-Curie Actions (MSCA)

NEW Innovative Training Networks (ITN) aim to train a new generation of creative, entrepreneurial and innovative early-stage researchers, able to face current and future challenges and to convert knowledge and ideas into products and services for economic and social benefit.

Deadline: 17 January 2018.

Horizon 2020 - Spreading Excellence and Widening Participation

Local contact point at UiB: Anja Hegen

[Twinning WIDESPREAD-05-2017](#): Twinning aims at significantly strengthening a defined field of research in a university or research organisation from a Widening country by linking it with at least two internationally-leading research institutions in other Member States or Associated Countries. In general, costs relating to administration, networking, coordination, training, management, travel costs are acceptable. **Deadline: 15 November 2017**

Horizon 2020 - Complementary Calls - [COST Actions](#)

COST does NOT fund research itself, but supports networking via different tools such as meetings, short term scientific missions, training schools and dissemination activities part of COST Actions. Proposals should reflect the main characteristics of COST Actions, namely providing for knowledge sharing, creation and application, being open and output-oriented while aiming at strengthening the scientific and technological basis of the proposed topic(s). Relevant actions are:

- Maximising Impact of research in **NeuroDevelopmental Disorders** MINDDS
- **Leukemia** Gene Discovery by data sharing, mining and collaboration LEGEND

- Realising the therapeutic potential of novel **cardioprotective therapies** EU-CARDIOPROTECTION
 - European Cleft and **Craniofacial Initiative** for Equality in Care
 - European network for the promotion of portable, affordable and simple analytical platforms
- If interested please contact Hans Hellebostad, best before 15th of September, hh@forskningsradet.no
More information can be found [here](#) and you can use this [application form](#).

Deadline: 25 April 2018

NEW [YoungCAS Summer 2018](#)

YoungCAS offers a unique opportunity for postdocs and other young scholars to do group-based research with colleagues from around the world during a one-week stay at the Center for Advanced Study in Oslo.

Deadline: 13 November 2017

[Centre for Advanced Study \(CAS\)](#)

The agreement between UiB and CAS gives researchers with a permanent scientific position an opportunity to apply for their **own research group** for a one-year stay at the center in Oslo. They choose their own theme and specialization, and invite researchers from all over the world to participate in the project. **Deadline: January 2018**

European & Developing Countries Clinical Trials Partnership (EDCTP)

EDCTP is launching 11 calls for proposals in 2017 to [support clinical research and capacity building in sub-Saharan Africa](#). Proposals are invited for funding for the clinical evaluation development of new and innovative drug candidates for **HIV/AIDS, malaria, tuberculosis, diarrhoeal infections or lower respiratory infections, including co-infections**.



and

Some of the calls are single stage and some are in two stages. For more information please have a look at the website given above. Deadlines: from **19 September 2017** (stage 1, letter of intent) to 2 February 2018

SIU Center for International Cooperation in Education - Russia program

Up to NOK 21 million for three-year project cooperation between higher education institutions in Norway and [Russia](#). Support of up to NOK 2 million per project can be applied.

Deadline: 1 November 2017

Barnekreftforeningen

wants to support relevant projects in children oncology where the results of the projects are going to benefit children in Norway. More information [here](#).

Deadline: 1 December 2017

Fellowships and Personal Grants

[Harkness Fellowship](#)

The Commonwealth Fund's Harkness Fellowships in Health Care Policy and Practice provide a unique opportunity for **mid-career health services researchers** and practitioners to spend up to 12 months in the United States, conducting original research and working with leading U.S. health policy experts. **Deadline: 13 November 2017.**

European & Developing Countries Clinical Trials Partnership (EDCTP)

EDCTP supports clinical research and capacity building in sub-Saharan Africa, and offers individual fellowships for [African researchers](#) who want to develop their skills and career at European host organizations. Different categories, **deadlines: October 13, November 21, February**



EMBO (European Molecular Biology Organization)

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: throughout the year.

NFR [Scholarship for research stay abroad for PhD candidates and Post Doctors](#) (Link in Norwegian)

The offer for a scholarship for research stays abroad applies to PhD candidates and Post Doctors in projects with full or partial funding for the Research Council for a minimum of 24 months. The research stays abroad may last for a minimum of 3 months and a maximum of 12 months.

[Globallink – Scholarships to Canada](#) (Link in Norwegian)

Globalink allows for the Norwegian and Canadian master's and PhD students can apply for CAD 15.000 to conduct research practice in a business in the partner country

Meetings/Workshops/Conferences

- | | |
|--|-----------------|
| • New Global health research opportunities in H2020 Join the seminar presenting upcoming calls and learn all about global health in H2020! Bergen Resource Centre, Bergen | 30 October |
| • NEW Horizon 2020 Kick-Off - UiB Researcher Event . Scandic Ørnen Hotel, Bergen | 31 October |
| • Brain Health – from research to clinical practice , one-day conference, organized by the Brain Council, Norwegian Neuroscience society, and Nansen Neuroscience Network. Free, at the office of the Norwegian Research Council, Lysaker. In Norwegian. | 8 November |
| • NEW GLAM Workshop: Key Enabling Technologies for Better Cancer Diagnosis aims at bringing together experts from the field of photonics, nanomedicine, micro-nano-bio systems and translational medicine and healthcare. University of Tel Aviv. | 7 November |
| • MIC multimodal imaging course , UiB | 7.-10. November |
| • Healthcare Brokerage Event MEDICA 2017 The aim is to assist enterprises, universities and research institutions in finding partners in Europe for product development, manufacturing and licensing agreements, joint ventures or other types of partnership, Düsseldorf, Germany, Registration | 14 November |
| • Horizon 2020: Society challenges, ICT and digitization . The objective of the event is to inform about a new work program in Horizon 2020. Selected areas are health, safety, transport, energy and social science, Research council, Lysaker | 18 November |
| • NEW Open Seminar: Educational Competence Building at The Arctic University of Norway (Norwegian), Armauer Hansens Hus, Bergen | 29 November |

Finansiering for samarbeid om høyere utdanning

[Partnership Programme for North America](#) (Link in Norwegian), Deadline 22. September 2017

[Eurasia Programme](#), Deadline 22. September 2017

[InternAbroad](#) (Link in Norwegian), Deadline 22. September 2017

[UTFORSK Partnership Programme – two-year projects](#), Deadline 22. September 2017

[Research and Innovation in the Educational Sector \(FINNUT\)](#) Deadline November 22

[Programme for coopeation on higher education with Russia \(Russlandsprogrammet\)](#) (Link in Norwegian) **Deadline: 23 October 2017**

[Project establishment funds for Erasmus+ Projects](#) (Link in Norwegian)

Funds to support the development of Erasmus+ projects within the following actions: 1) Knowledge alliances, 2) Sector alliances, 3) Capacity building, 4) Joint degrees, 5) Jean Monnet, and 6) Sports. **Deadline: 1 November 2016 (15.00)**

[Read more \(information and routines for application at UiB\)](#)

Ved spørsmål om utlysningene, kontakt [Kaia Nepstad](#) or [Ramune Midttveidt](#) ved Det medisinske fakultet.