



Department of Biomedicine Newsletter



Issue 9/18

11 May, 2018

Dear colleagues at IBM,

Summer has come! It also looks like the weather will be nice on our Norway's Constitution Day at May 17th. UiB encourages all students and employees to participate in the 17th of May main parade (under the UiB banner), which marches through Bergen city centre. More information can be found at <http://www.uib.no/en/ledelsen/117194/welcome-parade-norways-constitution-day>. Remember that you actually see more of the parade if you are in it!

We have just arranged a course in web "programming" at our department on April 30th, for the web editors that have been appointed for each research group. I now encourage these people to continue working on the web pages, and also to contact their PIs and group leaders, to receive input (short text, pictures etc) that can be put out on the pages. Margarethe, Torstein and I will follow up this work after summer.

Lastly, I would like to wish good luck to all of you applying for funding from the Norwegian Cancer Society (DNK), with deadline June 1st. The application process has been changed somewhat since last year, but you should have received information about this before. If not, contact our administration. Note that if your application is successful, DNK requires collaboration agreements between our institution and all those listed as key external partners. This can be a demanding process, so you should think through it before you list your key partners.

I wish you all a good and joyful May 17th celebration.



Regards
Frits

Frits Thorsen,
Deputy Head for research

Human Relations

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 this new employee:



Sandy Chen has arrived from New Zealand and started her work in a one-year researcher position on a BerGenBio project headed by James Lorens, on 07 May.

Research, Science, and Seminars

New Publications

The following list is the PubMed search result for 'Bergen AND Biomedicine' since the last newsletter. Authors who credit our Department are shown in bold.



If your article is missing, please send the reference to the editor: Margarethe.Bittins@uib.no.

[Event-Related-Potential \(ERP\) Correlates of Performance Monitoring in Adults With Attention-Deficit Hyperactivity Disorder \(ADHD\).](#)

Marquardt L, Eichele H, **Lundervold AJ**, **Haavik J**, **Eichele T**.

Front Psychol. 2018 Apr 11;9:485.

[Microenvironment-Induced Non-sporadic Expression of the AXL and cKIT Receptors Are Related to Epithelial Plasticity and Drug Resistance.](#)

Jokela TA, **Engelsen AST**, **Rybicka A**, **Pelissier Vatter FA**, Garbe JC, Miyano M, Tiron C, Ferariu D, Akslen LA, Stampfer MR, **Lorens JB**, LaBarge MA.

Front Cell Dev Biol. 2018 Apr 17;6:41.

[Actin like-6A promotes glioma progression through stabilization of transcriptional regulators YAP/TAZ.](#)

Ji J, Xu R, Zhang X, Han M, Xu Y, Wei Y, Ding K, Wang S, Bin Huang, Chen A, Di Zhang, Jiang Z, Xu S, Zhang Q, Li W, Ni S, **Wang J**, Li X.

Cell Death Dis. 2018 May 3;9(5):517

[Six-Transmembrane Epithelial Antigen of Prostate 3 Predicts Poor Prognosis and Promotes Glioblastoma Growth and Invasion.](#)

Han M, Xu R, Wang S, Yang N, Ni S, Zhang Q, Xu Y, Zhang X, Zhang C, Wei Y, Ji J, Huang B, Zhang D, Chen A, Li W, **Bjerkvig R**, Li X, **Wang J**.

Neoplasia. 2018 May 3;20(6):543-554.

The 20th Broegelmann Lecture

Pathogenic memory plasma cells - a roadblock to tolerance induction in chronic inflammatory diseases

The Broegelmann lecture is arranged by The Research Group Immunology and Rheumatology, NSI Bergen and The Bergen Research School in Inflammation.

Andreas Radbruch is an immunologist and scientific director at the German Rheumatism Research Centre Berlin as well as professor for rheumatology at the Medical faculty of the Humboldt University of Berlin (Charité), Germany. His research focus is on the topics of autoimmunity, inflammation and immune pathology, biology of T and B lymphocytes and plasma cells, and development of molecular imprinting of immunological memory as well as cytometry and cell sorting. In particular, his work aims at a molecular understanding of the control of immune reactions and immunological memory in vaccination, and autoimmune and allergic inflammation.

Tuesday 15 May, 13:00, Auditorium, Armauer Hansens Hus

BBB Seminar and Biokjemisk Kollokvium

Greg Lemke from the Salk Institute for Biological Studies in La Jolla will talk about "TAM receptors in the brain"

Prof. Greg Lemke is Françoise Gilot-Salk Professor at the Salk Institute for Biological Studies, where he is a member of the Molecular Neurobiology Laboratory and the Immunobiology and Microbial Pathogenesis Laboratory. He is Adjunct Professor of Neurosciences, and Biomedical Sciences, at the University of California San Diego. His lab has made major contributions to our understanding of the role that receptor tyrosine kinases (RTKs) play in mammalian development and physiology. His current research addresses the TAM family of RTKs – Tyro3, Axl, and Mer – and how this family functions in immune regulation, virus infection, and cancer.

PhD-candidates will have the chance to talk to the speaker over lunch.

(!) TUESDAY (!) 15 May, 14:30, Auditorium 2

BBB Seminar

Hesso Farhan will talk about "Autoregulation of membrane trafficking by an ER-resident receptor tyrosine kinase"

Hesso Farhan's group is interested in understanding the relevance of the cross-talk between membrane trafficking and cellular signaling in physiological and pathological conditions. The group uses cellular imaging techniques, systems biology and mathematical modeling to find out how signaling molecules are organized in organelles and how this relates to secretion, autophagy, cell polarity and cell migration.

Thursday 24 May, 14:30, Auditorium 4

Operations, Health, and Safety

Department Council 2018/2019

Illimar Hugo Rekand will represent temporary academic staff in the Department council in the academic year 2018/19

He is PhD-candidate in the biorecognition group and currently serves as deputy for council member Helene Bustad Johannessen (post doc). New deputies will be Svein Isungset Støve, Ina Katrine Nitschke Pettersen (post doc) and Ragnhild Reehorst Lereim (Ph.D. candidate).

From August 2018 to July 2019, the council will have the following composition:

Group	Members	Deputies
Chair	Mathias Ziegler	
Group A	Frits Thorsen, Ruth Brenk, Petri Kursula, Helge Wiig	Clive Bramham, Donald Gullberg, Nils Halberg, Linda Stuhr
Group B	Illimar Rekand	Svein Isungset Støve, Ina Katrine Nitschke Pettersen, Ragnhild Lereim
Group C	Hege Avsnes Dale	Bård Sværi, Hans Olav Rolfsnes

Academic Affairs

Section of Academic Affairs on Erasmus+ Staff Training Week

The Section of Academic Affairs went to Klaipeda University of Applied Sciences, Lithuania, for its Erasmus Staff Training Week on 23.04-26.04. Despite three flight cancellations and consequently two days of travelling to reach the destination, the group was able to visit a few departments, laboratories and a workshop at the host department. As added value, new and old members of the section learned to know each other even better. 😊



Old Town, Klaipeda, Lithuania



Workshop in progress



Dinner time! 😊

PhD Updates

Early Stage Researcher Seminar – Berit Skretting Solberg

Gender differences and comorbidity with ADHD

Berit is a psychiatrist and Ph.D.-candidate at the KG Jebsen Center for Neuropsychiatric Diseases under supervision of Kari Klungsøyr and Jan Haavik. She will talk about her recently published work on, and more recent research findings.

Background reading:

[Gender differences in psychiatric comorbidity: a population-based study of 40 000 adults with attention deficit hyperactivity disorder.](#)

Solberg BS, Halmøy A, Engeland A, Igland J, Haavik J, Klungsøyr K.

All early stage researchers (Ph.D.-candidates) at the Department of Biomedicine are invited. Master students, post docs and researchers can also join. There is no registration. There will be pizza for lunch after the seminar.

25 May, 12:00, 3rd floor conference room



Meet-the-speaker lunch

A great opportunity for our Ph.D.-candidates to meet inspiring guest lecturers from the BBB-seminar series

Meet-the-speaker lunch is a new event series organized by the Bergen Biomedical Research School. We want to motivate our Ph.D.-candidates to interact with inspiring scientists who conduct top-quality research in the field of biomedicine. The purpose is not only to talk about science, but also about career choices, work-life balance, and anything that comes to mind.



foto: colorbox.com

We buy lunch for you and invite 10 early stage researchers (i.e. Ph.D.-candidates) to an unsupervised session with the speaker in one of our seminar rooms. Interested master students, post docs and research track medical students can also sign up and will be allowed to join if there are vacancies.

The speaker:

Greg Lemke is professor at the Molecular Neurobiology Laboratory at the Salk institute biological studies, a private research institute devoted to biomedical sciences in La Jolla, California. "One of the TOP FIVE research centers in the world", according to SCImago Institutions Rankings World Report. He has studied life sciences and has a PhD in biology from the California Institute of Technology, La Jolla, California.

Lemke discovered a family of three receptor tyrosine kinases, called TAM receptors, which play a crucial role in telling immune cells how to handle infection from bacteria, viruses and other pathogens, as well as normal cellular debris. His lab showed how problems with the TAM receptors (called Axl, Mer and Tyro3) or their pathways are associated with increased levels of drug-resistant cancer as well as inflammation and autoimmune disease.

<https://www.salk.edu/scientist/greg-lemke/>

There is no agenda and no expectations, this is meant to be completely relaxed and informal. However, we need to control the number of guests, so please **register by 11 May** : <https://skjemaker.app.uib.no/view.php?id=4796247>

15 May, 12:00, 5th floor seminar room (left)

Nordic PhD-course

MBI-8007 Molecular and Clinical Aspects of Cancer



The Faculty of Health Sciences at the Arctic University of Norway, Tromsø, would like to invite you to participate in a comprehensive course on molecular and clinical aspects of cancer. The study programme focuses on the underlying mechanisms for cancer development but also serves as a more general introduction to basic disease mechanisms. The complete program is composed of two separate courses that may be followed independently.

An international faculty teaches the course. 10 ECTS.

There is **no course fee** and for the cost of 5.000 NOK each external PhD student will be offered housing at an Apartment Hotel in the centre of Tromsø. Application by **1 June**.

<https://uit.no/utdanning/emner/emne/569219/mbi-8007>

27 August – 7 September, Tromsø

Funding Announcements

The Olav Thon Foundation

Support for Nordic research projects in medicine 2019

The Olav Thon Foundation has for the year 2019, reserved NOK 20 million for grants to **Nordic research collaboration** in the field of medicine.



For 2019, the Foundation invites applications for research on reparative medicine targeting diseases in the **musculoskeletal and peripheral and central nervous system**. Projects should be based on the use of stem cell biology, genetic approaches, tissue engineering, biotechnology, or regenerative medicine with the aim of repairing, regrowing or replacing damaged or diseased cells or tissues. Each project can be granted up to 10 million for 4 years. Read the full announcement [here \(PDF\)](#).

Deadline: 15 September 2018.

National Academic Prize in Science and Medicine - Research projects

This support is reserved for research projects in medicine / science / mathematics that are actively integrated into education as an element of active learning. Applications will be considered based on potential and plans for involvement of students, about and how new teaching methods are developed and implemented, and on the basis of scientific quality. 500,000 per year for a maximum of 3 years.

<http://ots.olavthonstiftelser.no/wp-content/uploads/sites/2/2018/05/OTSUtlysningNasjPrisSt%C3%B8tte2019.pdf>

Deadline: 15 September 2018

Current funding announcements/deadlines

The Research Council of Norway (NFR)

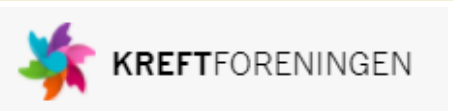
- [Offentlig ph.d.](#): The public sector can apply for funding for employees wishing to take a PhD. The candidate needs to be registered in the PhD program in an institution that can award doctoral degrees. **Deadline: there is funding for ca. 20 candidates, so first come first served**
- [Mandatory sketch for INFRASTRUCTURE application](#) **Deadline: 15 May 2018**
- [Collaboration projects between Norwegian and American researchers](#): BEDREHELSE and BEHANDLING announce collaboration projects with National Institutes of Health (NIH). More information to come. **Deadline: 12 Sep 2018**
- [Collaboration with Swiss researchers](#): researchers from Norway can now apply with partners in Switzerland for Swiss research funding. More information can be found on the website of [Swiss National Science Foundation](#), the Swiss research council. All announcements from RCN are also open to researchers from Switzerland who can be partners on applications where the main applicant is from Norway. In this case, 50 % of the costs for the Swiss partner are covered.



Norwegian Cancer Society

Call is open: Open call Flexible, long-term research support for cancer research projects in basic research, translation research, clinical research, epidemiological research and health and social science research. What is supported? Researcher positions, post doctoral positions, technical positions, running costs.

NOTE: budget drafts must be submitted to the Departments financial officers by 19 May.



Deadline 1 June 2018

Horizon 2020 – European Research Council ERC Frontier research grants

- [Advanced Grant](#) 5 years funding for an established, leading principal investigator who wants to pursue a ground-breaking, high-risk project. 2,5 million € in total. The PI can have any nationality and work in any research field.

Deadline: 30 August 2018



- pre-announcement [Starting Grant](#) - for researchers of any nationality with **2-7 years of experience since completion of PhD** (Extensions are possible under certain circumstances — see the latest [ERC Work Programme](#)), a scientific track record showing great promise and an excellent research proposal. **Deadline: 17 October 2018**
- pre-announcement [Synergy Grant](#) - A group of two to maximum four Principal Investigators working together and bringing different skills and resources to tackle ambitious research problems. Proposals will be evaluated on the sole criterion of scientific excellence which, in the case the ERC Synergy Grants, takes on the additional meaning of outstanding intrinsic synergetic effect. **Deadline: 8 November 2018**
- pre-announcement Consolidator Grant - Researchers with 7-12 years of experience since completion of PhD, a scientific track record showing great promise and an excellent research proposal. **Deadline: 7 February 2019**

The Division of Research Administration at UiB would like to invite interested researchers and interested support staff for a half-day proposal information [course about the European Research Council Starting and Consolidator grants 2019](#). The experienced presenters from Enspire Science (former Beacontech) will guide you through the proposal elements and talk about presenting the research idea and yourself. You can book a session with them after lunch to discuss your idea and further questions. The course will take place 13 June 2018 - 09.00–13.00 at Scandic Byparken (former Rica Hotel). **Deadline for registration** is 08 June at 16.00.

Horizon 2020 – 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.



- [MSCA COFUND](#): co-funding new or existing doctoral programmes and fellowship programmes to open up to international, intersectoral and interdisciplinary research training, as well as mobility of researchers at all stages of their career.

Deadline: 28 September 2018

- pre-announcement [MSCA Innovative Training Networks \(ITN\)](#) - supports competitively selected joint research training and/or doctoral programmes. Partnerships take the form of collaborative European Training Networks (ETN), European Industrial Doctorates (EID) or European Joint Doctorates (EJD)..

Deadline: 15 January 2019

Horizon 2020 - Societal Challenges (SC)

SC1-2018-2019: Health, demographic change and wellbeing

Call: Better health and care, economic growth and sustainable health systems

[SC1-BHC-02-2019: Systems approaches for the discovery of combinatorial therapies for complex disorders](#) (Two-stage)

Research should aim to understand at systems level the pathophysiology of a disorder in groups of patients responding well or poorly to particular therapies and further develop combinatorial therapies tailored to the needs of individuals or stratified patient group. Projects should focus on already available and/or authorised therapies and have access to standardized biobank samples derived from retrospective or currently running clinical studies. These patient samples should be re-analysed with modern high-throughput technologies.

2 October 2018

[SC1-BHC-14-2019: Stratified host-directed approaches to improve prevention, treatment and/or cure of infectious diseases](#)

(Two-stage)

2 October 2018

Horizon 2020 – Complementary Calls

- [Innovative Medicines Initiative](#): IMI supports large consortia of public and private organisations. Calls roll out throughout the year, and appear in advance as 'future calls' on the IMI website to give applicants a chance to begin forming consortia. The applicant portal is also a platform for partner search. [There are currently open calls in 4 areas:](#)



- Topic 1: Targeted **immune intervention** for the management of non-response and relapse
- Topic 2: Non-invasive clinical molecular **imaging of immune cells**
- Topic 3: Development of a platform for federated and privacy-preserving **machine learning in support of drug discovery**
- Topic 4: Centre of excellence – remote decentralised clinical trials

If you are interested in applying to an IMI2 call, please contact EU adviser Katie.anders@uib.no

Deadline 14 June

- **NEW** [JPIAMR Working together to build the JPIAMR Virtual Research Institute \(VRI\)](#):



JPIAMR is a unique global collaborative platform that coordinates national funding and research to address **antimicrobial resistance**. JPIAMR recognises a need to reinforce alignment of research. To promote this, the JPIAMR will establish a **Virtual Research Institute** in AMR ("the JPIAMR-VRI") – a Global Network connecting research performing organisations, institutes, centres, and infrastructures. The intent of the call is to form Networks of motivated groups to conceptualise and develop the JPIAMR-VRI. The Networks should identify research community needs, develop catalytic ideas and strategic plans to help bring the JPIAMR-VRI to Life! Up to 21 Networks will be funded with up to 50,000 € each to connect experts from research performing organisations, institutes, centres and infrastructures and establish expertise clusters in the AMR community. Note that JPIAMR Network calls do not fund research projects.

Deadline 4 July

Novo Nordisk Foundation:

- [Project Grants in Endocrinology and Metabolism - Nordic Region](#): The objective of this call is to support young and promising researchers as well as established scientists, to carry out research projects of 1 to 3 years' duration within basic and clinical research **in endocrinology and metabolism**. **Deadline 1 June 2018 at 2 pm**

Extrastiftelsen

Support for research on health challenges faced by the Norwegian population. The foundation supports actions and projects on **physical and mental health**, life quality, living conditions, etc. **Deadline: 1 June at 15.00**

NordForsk

[Nordic Call on Personalized Medicine](#): One of the goals for the call is to promote implementation of new personalized medicine approaches for more effective and sustainable health care for the benefit of patients, citizens and society. The expected funding available per project is in the order of EUR 1-3 million for a duration of up to 4 years. The applicant consortium must consist of participants from at least three co-funding Nordic countries, alternatively from two co-funding Nordic countries and one third country. **Deadline: 14 September at 13.00**

EEA and Norway Grants

[The EEA and Norway grants fund for regional cooperation](#): Cross-border and transnational cooperation is a key driver to find shared solutions to Europe's common challenges. Funding will be allocated to support inclusive dialogue and the strengthening of cross-border and transnational networks, capacity building, knowledge sharing and policy exchange to accelerate innovation; the development of sustainable cooperation structures between the business sector, public sector, civil sector and academia; and engagements contributing to and enhancing effectiveness and efficiency in policy development and responses to common European challenges. **Deadline 1 August 2018**

The Michael J. Fox Foundation

The following four calls are for 1-2 year projects covering various aspects of Parkinsons disease. A webinar on the calls will take place 10 May 2018. The application process is two-stage

- Alpha-Synuclein Biology and Therapies
- **Biomarkers of Protein Handling / Autophagy, Exosomes and Lipids**



Deadline for stage I 31 May

MERCK

The science and technology company MERCK celebrate their 350th anniversary and [offer a series of research grants](#) to stimulate innovative research in challenging areas of future importance. Furthermore, Merck is initiating five research challenges in the areas of [compound synthesis](#), [protein production](#), [innovative analytics](#), [diabetes prevention](#) and next [game-changing technologies](#). **Deadline: 15 August**

Gilead Sciences Nordic Fellowship Programme

Gilead Sciences Nordic will provide funding to projects within **HIV, liver diseases, and hematology/oncology** executed in the Nordic countries. Applications are invited from health-care organisations and/or academic institutions. There are no minimum or maximum request amounts. Applicants should request the level of funding that is required based on programmatic needs. Funding will be available from December 2018



Deadline: June 29

Individual Fellowships and Personal Grants

Research stay abroad for PhD-candidates and Post-docs

- [UiB](#) PhD-candidates and Post-docs funded by the Faculty of Medicine, University of Bergen, can apply for research grant limited to 25.000 nok. **Deadline: 1 March and 1 October**
- [RCN](#) 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. **Deadline: continuing**

Horizon 2020 Marie Skłodowska Curie Actions

- [Individual Fellowships \(IF\)](#) for experienced researchers (at the post-doctoral level). Offers advanced training, international mobility, and optional intersectoral secondments. The host organizations can be universities and research institutes in addition to a company or other non-academic sector organizations. **Deadline: 12 September 2018**
- [Widening Fellowships H2020-WF-2018-2020](#): The goal of the Individual Fellowships is to enhance the creative and innovative potential of experienced researchers (post doc), wishing to diversify their individual competence in terms of

skill acquisition through advanced training, international and intersectoral mobility. Widening fellowships, in particular, provide specific support to researchers to undertake their fellowship in a widening country. This will help spread excellence and close the still apparent research and innovation gap within Europe. **Deadline: 12 September 2018**

Funding for Cooperation in Higher Education

Erasmus

1. **Erasmus+ Mobility for Students and Staff:** Student Affairs manages and coordinates student and staff mobility. Staff members can apply for Erasmus + mobility funds by August 20, and on January 20. Information about student grants and other information can be found at www.uib.no/student/erasmus and employee websites: <http://www.uib.no/foransatte/86439/studentmobilitet> (Link in Norwegian) **Deadline: August 20th, 2018**
2. **Project establishment funds for Erasmus+ Projects (Prosjektetableringsstøtte)** (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: 3 September 2018**

UTFORSK

[The UTFORSK programme](#) (Link in Norwegian) provides support for academically-based cooperation in higher education, aimed at long-term and institutionally based relations with Brazil, India, Japan, China, Russia and South Africa. **Deadline: 25 September 2018**

NORPART – Norwegian Partnership Programme for Global Academic Cooperation

supports academic partnerships and student mobility with an emphasis on Master and PhD level between higher education institutions in Norway and selected developing countries. **Deadline: 31 May 2018**

Programme for cooperation on higher education with Russia (Russlandsprogrammet) (Link in Norwegian)

The program for cooperation on higher education with Russia provides support for cooperation between universities and colleges in Russia and Norway. (More information will be available on SIUs websites in March.) **Deadline: 25 September**

InternAbroad

facilitates increased use of international practice mobility for students from Norway. The practice period can take place in Brazil, Russia, India, China, South Africa, Japan, USA or Canada. Through InternAbroad, Norwegian higher education institutions can apply for up to NOK 300,000 over a two-year period to establish arrangements for internship internship internships. **Deadline: 25 September**

More funding opportunities, presented by the Faculty of Medicine:

External funding opportunities: <http://www.uib.no/en/med/112772/external-funding-opportunities>

Funding opportunities for education: <http://www.uib.no/med/113987/funding-opportunities-education>