



Department of Biomedicine Newsletter



Issue 13/18
16 August, 2018

Dear colleagues at IBM,

Welcome back to a new semester! I hope you all had a relaxing summer break and could spend time with your family and friends. When looking at the weather forecast, I will miss the summer not only for this...

A most cordial welcome to our new students that will be with us for the coming years. We truly look forward to providing a stimulating and supportive environment for the success in your studies. We wish you a memorable and productive time at our Department and Faculty.

Everything is in flow, and changes are often triggered by creative moments. In many cases this has quite positive long-term effects. We must keep this optimism when looking at some water leakages that were detected in the building over the last weeks. You might have noticed some of the creative intermediate solutions, for example, on the 7th floor. The facility management division of the University is trying hard to minimize these incidences and we are in a dialogue with them to find proper long-term solutions. In the meantime, I appreciate the patience and understanding of those that have been affected.

Finally, I am very glad that the Faculty has appointed Michaël Marie as a new research advisor who will be working with us (see below in the Newsletter). It is very hard to get profoundly familiarized with all the different application schemes and calls, let alone the small details that could make the difference. However, many of us have known Michaël as hard-working and dedicated and I am looking forward to a fruitful collaboration.

Best wishes,

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 these new employees:



Anastasiia Rulina has started a 3-year post doc position with Nils Halberg as mentor on 1 August.



Inni Offerdal Hernandez started as accountant on 13 August, succeeding Torhild Johansen.



Nina Mc Tiernan started in a four-year PhD-position in the Arnesen group on 15 August.



Lena Elise Høyland started in a four-year PhD-position in the Ziegler group on 6 August.

New travel agency: G Travel

The University has a new framework agreement with G-travel, giving access to special deals.

All University employees are required to book any air and train travel, hotels and car rentals for business trips through the agency, whenever possible. The aid of a travel agency is especially important for international travel where the professional travel agent can save time, money and nerves.



Online booking

1. <https://gtravelonline.softinventor.com/login/gtravel>
2. Click on the FEIDE symbol and log on with your University logon name and password
3. You need to enter a credit card number so that you can use the online-booking system.

Phone and email consultations

For personalised service and effective guidance for booking complicated journeys, contact one of the consultants by phone or email. Phone: +47 71 24 59 63; Email: uib@gtravel.no

Visa service

G Travel has a separate department for Visa applications, which will give you all necessary information in one place, quickly, effectively and accurately. Phone: +47 71 24 59 63; Email: uib@gtravel.no.



Existing orders with Berg-Hansen

Existing orders will remain with Berg -Hansen. You can find these in your travel folder on berg-hansen.no and in the App. If you need to change or cancel existing travel contacts at Berg Hansen's customer center at 08050 or booking@berg-hansen.no. Receipts and attachments for completed travel are available in your travel folder at berg-hansen.no.

Når du reiser

Rettigheter, plikter og rutiner i forbindelse med tjenestereiser

Husk at alle som er ansatt ved UiB forholder seg til statens reiseregulativ. Det regulerer blant annet:

- Arbeidstaker skal benytte arbeidsgivers inngåtte rabattordninger i forbindelse med reisen så langt det er mulig (*ved å bruke reisebyrå G travel*)
- Kostnader for overnatting (*dekkes etter regning*)
- Kostgodtgjørelse (*faste satser for vedkommende land*)
- Krav på dokumentasjon av transportutgifter (taxi, fly, tog)
- Det kan gis forskudd til dekning av utgifter på reisen. *Ta kontakt med økonomikonsulent for informasjon.*

Detaljert informasjon og satser finnes her:

[Særvåtalen om dekning av utgifter til dekning av utgifter til reise og kost innenlands](#)

[Særvtale om dekning av utgifter til reise og kost utenfor Norge](#)

Reiseregning sendes i elektronisk format i [HR-portalen](#).

Travel regulations

Rights, duties and procedures during work travels

Remember that travels of all UiB employees are regulated by the Norwegian State Travel Regulations. This regulates, among other things:

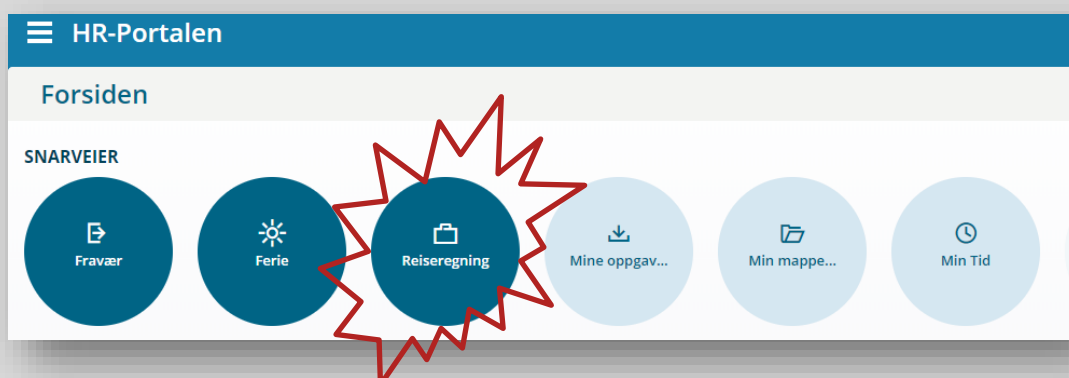
- Employees are required to use the employers pre-negotiated discounts, to the extent this is possible (*by using the G Travel Agency*)
- Housing expenses (*reimbursed according to the receipts*)
- Food expenses (*fixed rates for different countries*)
- Documentation of transportation expenses (*taxi, airplanes, trains, etc.*)
- Advances may be given for covering travel expense (*contact your local financial officer for information*).

You can find detailed information and rates here (Norwegian only):

[Særvåtalen om dekning av utgifter til dekning av utgifter til reise og kost innenlands](#)

[Særvtale om dekning av utgifter til reise og kost utenfor Norge](#)

Travel reimbursement forms must be submitted digitally in the [HR-portal](#).



Hva synes du om stillingsstrukturen ved Universitetet?

Kunnskapsdepartementet satte høsten 2017 ned en gruppe som skulle komme med råd om utvikling av stillings- og karrierestrukturen ved høyskoler og universitet i Norge. De leverte sin rapport til departementet i starten av mai 2018.

Universitetet i Bergen ønsker nå innspill fra oss om de justeringer som foreslås i rapportens del 4 (s.20-19). Vi vil derfor be dere lese gjennom rapportens hovedpunkter, og melde tilbake om deres meninger, erfaringer, bekymringer. Dette er relevant for ALLE, så kom med innspill!

Rapportens hovedpunkter:

Utvalget foreslår i sin rapport å plassere sektorens stillinger inn i tre kategorier, hver med sin karrierestige:

- Professor-stigen beholdes som i dag, men det foreslås at den utvides med ett trinn som forbeholdes de aller mest merittede professorene: fakultetsprofessorer
- Utvalget foreslår å etablere en forsker-lektorstige ved siden av professor-stigen. Dette er en ny konstruksjon som skal inneholde både forskere og undervisere, og ansatte som både forsker og underviser. FL-stigen har som formål å øke fleksibiliteten i bruk av arbeidskraft på tvers av forskning og utdanning, samt å tydeliggjøre karriereveiene for forskere og undervisere uavhengig av professor-stigen.
- Ansatte som utfører arbeid som understøtter forskning og utdanning, eksempelvis teknikere, ingeniører, feltarbeidere og programmerere, foreslås plassert i en fagstøtte-stige. Formålet med stigen er å understreke viktigheten av denne gruppen ansatte og tydeliggjøre deres roller og karriereveier innenfor sektoren.
- Videre foreslår utvalget en snevrere bruk av postdoktorstillinger, men at ansettelsesperioden til gjengjeld økes til fire år med 25% undervisning. Utvalget åpner også for en tredje type doktorgrad innrettet mot profesjonsfag, og at dosent-stigen fases ut.

Hele rapporten finnes [her](#).

Omtale i mediene:

Khrono: [Underdal foreslår to nye karrierestiger i akademia](#)

På høyden: [Fremtiden kan by på fastere stillinger](#)

What do you think of the Norwegian academic career ladders?

In the fall of 2017, the Ministry of Education and Research formed an advisory committee for developing the position- and career structure at universities and university colleges in Norway. The committee delivered their report in May 2018.

The University of Bergen now welcomes comments and propositions from its employees on the adjustments suggested in Section 4 of the report (p. 19-20). We kindly ask you to read through the main parts of the report, and give us feedback on your opinions, experiences and concerns. This is relevant to ALL, so please comment!

The main points of the report:

The committee suggests in their report to categorize the positions within the sector into three categories, each with its own career ladder:

- The Professor-ladder of today remains unchanged, but it may be expanded with an additional step, reserved for the most esteemed Professors: Faculty Professors.
- The committee suggests establishing a Researcher-University Teacher-ladder parallel to the Professor ladder. This is a new construction and will contain both researchers and university teachers, as well as staff who do both. The purpose of the RUT ladder is to increase the flexibility in the use of human resources across research and education, and also to clarify the career paths of researchers and teachers independently of the Professor ladder.
- Employees engaged in support work for research and education, such as technicians, engineers, field archaeologists and programmers, are suggested re-categorized into a Research Support ladder. The purpose of the RS ladder is to highlight the importance of this group of employees and better communicate their roles and career paths within this sector.
- Furthermore, the committee suggests a more conservative use of Post Doctoral positions, but an increase to 4 years of employment in such positions, with a 25 % teaching part. The committee also opens up for a third kind of PhD, directed at professional studies, and the removal of the earlier «Docent ladder».

Read the full report [here](#) (Norwegian only)

In the media (Norwegian only):

[Khrono](#)

[På høyden](#)

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.

[Preoperative tumor texture analysis on MRI predicts high-risk disease and reduced survival in endometrial cancer.](#)

Ytre-Hauge S, Dybvik JA, **Lundervold A**, Salvesen ØO, Krakstad C, Fasmer KE, Werner HM, Ganeshan B, Høivik E, Bjørge L, Trovik J, Haldorsen IS.
J Magn Reson Imaging. 2018 Aug 13

[Further Evidence of Morbidity and Dysfunction Associated With Subsyndromal ADHD in Clinically Referred Children.](#)

Biederman J, Fitzgerald M, Kirova AM, Woodworth KY, Biederman I, **Faraone SV**.
J Clin Psychiatry. 2018 Aug 7;79(5).

[Actin's N-terminal acetyltransferase uncovered.](#)

Arnesen T, Marmorstein R, Dominguez R.
Cytoskeleton (Hoboken). 2018 Aug 7

[Matrine induces senescence of human glioblastoma cells through suppression of the IGF1/PI3K/AKT/p27 signaling pathway.](#)

Zhou W, Wang J, Qi Q, Feng Z, Huang B, Chen A, Zhang D, Li W, Zhang Q, **Bjerkvig R**, Li X, **Wang J**.
Cancer Med. 2018 Aug 5

[EGFL7 enhances surface expression of integrin \$\alpha_5\beta_1\$ to promote angiogenesis in malignant brain tumors.](#)

Dudvarski Stanković N, Bicker F, Keller S, Jones DT, Harter PN, Kienzle A, Gillmann C, Arnold P, Golebiewska A, Keunen O, Giese A, von Deimling A, Bäuerle T, **Niclou SP**, Mittelbronn M, Ye W, Pfister SM, Schmidt MH.
EMBO Mol Med. 2018 Jul 31

[Spotlight on protein N-terminal acetylation.](#)

Ree R, Varland S, Arnesen T.
Exp Mol Med. 2018 Jul 27;50(7):90. doi: 10.1038/s12276-018-0116-z. Review.

[The exostosin family of glycosyltransferases: mRNA expression profiles and heparan sulfate structure in human breast carcinoma cell lines.](#)

Sembajwe LF, Katta K, Grønning M, Kusche-Gullberg M.
Biosci Rep. 2018 Jul 27.

[A novel SRC-2-dependent regulation of epithelial-mesenchymal transition in breast cancer cells.](#)

Bozickovic O, Skartveit L, **Engelsen AST**, Helland T, Jonsdottir K, Flågåeng MH, Fenne IS, Janssen E, **Lorens JB**, Bjørkhaug L, Sagen JV, Mellgren G.
J Steroid Biochem Mol Biol. 2018 Jul 23.

[Deletion of exchange proteins directly activated by cAMP \(Epac\) causes defects in hippocampal signaling in female mice.](#)

Aesoy R, **Muwonge H, Asrud KS**, Sabir M, Witsoe SL, Bjørnstad R, Kopperud RK, Hoivik EA, **Doskeland SO, Bakke M**.
PLoS One. 2018 Jul 26;13(7):e0200935.

[Estimating the discretization dependent accuracy of perfusion in coupled capillary flow measurements.](#)

Hanson EA, Sandmann C, Malyshev A, **Lundervold A**, Modersitzki J, Hodneland E.
PLoS One. 2018 Jul 20;13(7):e0200521.

[Structure of monomeric full-length ARC sheds light on molecular flexibility, protein interactions, and functional modalities.](#)

Hallin EI, Eriksen MS, Baryshnikov S, Nikolaienko O, Grødem S, Hosokawa T, Hayashi Y, **Bramham CR, Kursula P**.
J Neurochem. 2018 Jul 20

[Inhibition of glioma growth by flavokawain B is mediated through endoplasmic reticulum stress induced autophagy.](#)

Wang J, Qi Q, Zhou W, Feng Z, Huang B, Chen A, Zhang D, Li W, Zhang Q, Jiang Z, **Bjerkvig R, Prestegarden L, Thorsen F**, Wang X, Li X, **Wang J**.
Autophagy. 2018 Jul 19.

[Regulation of Fluid Volume From the Outside: A Role of Glycosaminoglycans in the Skin Interstitium?](#)

Wiig H.
Circ Heart Fail. 2018 Jul;11(7):e005135. Editorial

[Glioblastoma Stem-Like Cells Are More Susceptible Than Differentiated Cells to Natural Killer Cell Lysis Mediated Through Killer Immunoglobulin-Like Receptors-Human Leukocyte Antigen Ligand Mismatch and Activation Receptor-Ligand Interactions.](#)

Haspels HN, Rahman MA, Joseph JV, Gras Navarro A, Chekenya M.
Front Immunol. 2018 Jun 18;9:1345.

[Electrotonic signal processing in All amacrine cells: compartmental models and passive membrane properties for a gap junction-coupled retinal neuron.](#)

Zandt BJ, Veruki ML, Hartveit E.
Brain Struct Funct. 2018 Jun 14.

[Structure and dynamics of a human myelin protein P2 portal region mutant indicate opening of the \$\beta\$ barrel in fatty acid binding proteins.](#)

Laulumaa S, Nieminen T, **Raasakka A**, Krokengen OC, Safaryan A, **Hallin EI**, Brysbaert G, Lensink MF, Ruskamo S, Vattulainen I, **Kursula P**.
BMC Struct Biol. 2018 Jun 25;18(1):8.

[Analysis of shared heritability in common disorders of the brain.](#)

Brainstorm Consortium, Antilla V., ..., **Espeseth T., Lundervold A.J., ... Haavik J, Zayats T., ... Johanson S.**, et al.
Science. 2018 Jun 22;360(6395).

[Investigating the functionality of a ribosome-binding mutant of NAA15 using *Saccharomyces cerevisiae*.](#)

Varland S, Arnesen T
BMC Res Notes. 2018 Jun 22;11(1):404.

Beware of Predatory Journals!

A warning from Roland Jonsson, vice dean for doctoral education

Predatory journals (norsk: røvertidsskrift) are about to threaten science's legitimacy! They resemble serious journals and are closely linked to the emergence of Open Access (OA). They are deceptive about status and quality assurance, promise fast publishing, and seem prepared to publish virtually anything.

You as researchers and especially PhD candidates must be aware of this. Our PhD degrees must not be based on articles published in such journals. You should therefore choose to publish in accepted and well-known journals.

For Norway, a list of approved journals is available here: <https://dbh.nsd.uib.no/publiseringskanaler/Forside>

BBB Seminar

Bruce Baguley will give a talk entitled "What can freshly cultured cancer cells tell us about human cancer behaviour?"



Professor Baguley, Co-Director at the Auckland Cancer Society Research Centre at the University of Auckland, New Zealand, is a leading cancer researcher, currently visiting our department as a guest in Jim Lorens' lab. His major research interest is the development of anticancer drugs, with a particular focus on the operation of a multidisciplinary facility where new treatment strategies can be formulated and new drugs synthesised, and where comprehensive laboratory studies can be complemented by clinical trials in cancer patients. In his talk, Professor Baguley will discuss his recent work on melanoma therapy resistance and provide his unique experience from a 50 year career.

Thursday, August 23, 14.30, Auditorium 4

BBB "extra" seminar

Mandar Jog from the Western University in London, Ontario, Canada will talk about "New Innovations on the treatment of movement disorders: From tremor to gait failure"

Professor Jog is the Director of the National Parkinson Foundation Centre of Excellence at London Health Sciences Centre and Director of the Movement Disorders Centre in London. His main research focus is motor control, neurophysiology and computational modeling of movement disorders.

NB! Tuesday, August 28, 14.30, Auditorium 4

CCBIO seminar

Edna Cukierman from the Fox Chase Cancer Center in Philadelphia, USA, will give a talk entitled "Oncogenic synapses; stromal regulators of pancreatic cancer, metabolic support and innate immunosuppression"

Dr. Cukierman's lab is interested in the desmoplastic tumor microenvironment and a mission statement from her internet page reads: "Central premise: We postulate that it is possible to reprogram the desmoplastic microenvironment back to its tumor suppressive state and that by doing so one could introduce new means of tumor stalling. This idea is based on the fact that desmoplasia is reminiscent of chronic wound healing pathologies, such as chronic inflammation associated with fibrosis."

Thursday, August 30, 14.30, Auditorium 4

University Library

The library for medicine in the 3rd floor at BBB regularly offers courses for students and employees of the Faculty of Medicine and Helse Bergen.

Courses are free and last about 2 hours. The course language is Norwegian.

This fall, for example:

- EndNote X8, 5 September
- PubMed and Embase, 12 September
- Systematic reviews, 26 September

Have a look at the [calendar](#) for a complete overview.

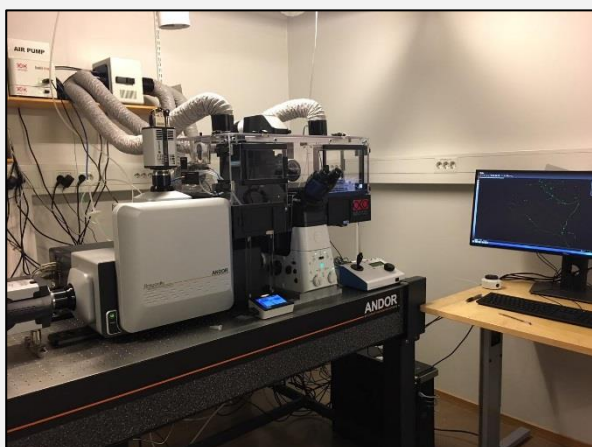


Operations, Health, and Safety

News at MIC

Thanks to funding from the Faculty of Medicine MIC recently got a new confocal in house. It was installed before summer and is ready to use.

A Two-day-workshop will be arranged together with the supplier in week 42, likely to start 16th of Oct. A proper invitation and registration will come, but save the dates!



The new system, Andor Dragonfly, is very well equipped with a wide range of possibilities.

Its strongest selling point compared to scanning confocals is speed, and it really saves imaging time on large Z-stacks and is ideal for imaging living cells. In addition it has TIRF and super-resolution abilities, and can perform tile-scans at an impressive pace.

This is a beautiful microscope which we hope many of you will benefit from. Please visit [MICs Dragonfly web page](#) for more information or come by MIC and discuss in person!

Lekkasje

I sommeren har BB-bygget igjen blitt utsatt for vannlekkasje

Vannet lekket inn i husveggen mellom BBB og laboratoriebygg, inn i et sikringsskap og samlet seg bare få meter fra et konfokalt mikroskop. Eiendomsavdeling arbeider hardt med å lokalisere og utrede problemet.

I mellomtid kan det være lurt å sjekke taket i laboratoriene, melde eventuelle lekkasjer til eiendomsavdelingen og sikre utstyr.

<https://lydia.uib.no/Lydia/Demand/>



Water leakage

During the summer, the BB building has once again been exposed to water leaks

The water has penetrated the walls between BBB and the Lab Building, entered a circuit box and gathered only a few meters away from a confocal microscope. The Facilities Management Division (EIA) is currently working hard to localize and fix the leaks.

In the meantime, it is a good idea to check the ceilings of rooms and laboratories, report any potential or existing leaks to EIA and secure any exposed equipment.

Link to reporting in Lydia:

<https://lydia.uib.no/Lydia/Demand/>



Yoga avvikles

HMS-utvalget har besluttet å avslutte Yoga tilbudet om tirsdagene. Oppmøtet på yogaen har vært for lavt til å rettferdiggjøre prisen i lengre tid. Spørreundersøkelsen viser også at svært få ansatte er interessert i å benytte tilbudet.

Yoga discontinued

The HSE-committee has decided that the Yoga class on Tuesdays will not continue this semester. The attendance have been too low to justify the price for quite some time. The questioner send out before the summer also shows that the interest in the class was low.

Academic Affairs

ISSOTL2018 Toward a Learning Culture

The University of Bergen organizes the International Learning Conference ISSOTL2018 Toward a Learning Culture 24-27 October 2018.

The conference's main theme is Scholarship of Teaching and Learning (SOTL) - a research approach to teaching and learning in higher education. Since UiB hosts ISSOTL2018, this offer will replace the UiB Learning Conference in 2018.

<https://www.issotl.com/issotl-2018-program>

October 24, six pre-conference workshops with different themes are offered by experienced and talented international experts. Employees are invited to attend one of the conference's pre-conference workshops free of charge. Please note that there are limited seats on each workshop, and are assigned according to the first-come-first-served principle. Contact: Kåre Helleve, kare.helleve@uib.no



Morning

- Get started with SOTL, *Andrea Webb and Melanie Hamilton*
- The SoTL Commons: Cultivating a SoTL Culture on Your Campus and Beyond, *Brian Smentkowski, Laura Cruz and Balbir Gurm*
- Using self-determination theory (SDT) to inform professional development, understand why active learning works, and foster the Scholarship of Teaching and Learning (SoTL), *Chantal Levesque-Bristol, Lucas Jenö and Vigdis Vandvik*

Afternoon

- Innovative methodological approaches to SOTL, *Stephen Bloch-Schulman, Peter Felten, Johan Geertsema, Yahlinaaw/Aaron Grant and Heather Smith*
- Writing for Publication in SOTL, *Mick Healey and Kelly Matthews*
- International perspectives on engaging students in SoTL, *Lucy Mercer-Mapstone, Chris Ostrowski, Paul Taylor and Sophia Abbot*

Register for the workshop here: <https://skjemaker.app.uib.no/view.php?id=5299666>

You are also welcome to participate at the whole conference!

Conference: 24-27 October, Grieghallen

Workshop: 26 October, Grieghallen

PhD Updates



PhD trial lecture and public defence: Lawrence Fred Sembajwe

Trial lecture: Friday, 24. August 2018 kl. 10.30, Auditorium 4,

Topic: "Similarities and differences between enzymes involved in the synthesis and modification of HS and CS"

Defence: Friday, 24. August 2018 kl. 12.15, Auditorium 4

Thesis title: "EXT Proteins: Role in Heparan Sulfate Assembly and in Tumor Biology"

UiB PhD-candidates: shape your future!

Share your opinion and participate in the decision-making processes! The Faculty of Medicine is calling for a representative of the PhD-candidates in the board of the PhD-programme.

This appointment is considered part the obligatory teaching duties of University-funded PhD fellows. The position is appointed for one year at a time and involves about six meetings during this year. Norwegian language proficiency is necessary. This is a great way to document your societal engagement on your CV.

Please contact PhD-coordinator Margarethe.Bittins@uib.no

CCBIO905 – Methods in Cancer Biomarker Research

The CCBIO course "CCBIO905 – Methods in Cancer Biomarker Research" is now available for the fall term, August 27-29, 2018.

This 5 ECTS credits course has focus on methods relevant for basic and translational cancer biomarker research.

The thematic parts include methods ranging from basic techniques on nucleotides and proteins to more advanced approaches, as well as bioinformatics and biobanking supplemented by presentations on ethics and economics of cancer biomarkers. The students are acquired prepare group presentations on important scientific papers describing results from clinical trials that have led to approval of new cancer treatments. Lars A. Akslen and Jim Lorens have the academic responsibility and Ingeborg Winge is the course coordinator. The course is primarily intended for PhD candidates who are affiliated with CCBIO, but is also open to other students, researchers and students attending the designated Medical Student Research Program.

For more info, see <https://www.uib.no/en/course/CCBIO905>

Registration by **August 20**

Lunch for supervisors

The Faculty of Medicine invites all main or co-supervisors of PhD-candidates for a get-together at lunch.

The meeting will be held in Norwegian. There will be two exciting topics this time too:

- About guidance when articles are published and the candidate must write the thesis
- GDPR - How does the new privacy policy affect the research?

More about the seminar here: <https://www.uib.no/med/118945/veilederlunsj-phd-veiledere>

Direct link for registration (also available on the website): <https://skjemaker.app.uib.no/view.php?id=5247393>

29. August 11.30-13.00, Styrommet AHH

Funding Announcements

Michaël Marie: research advisor at the Faculty of Medicine

We are glad to announce that the Faculty of Medicine has appointed a new research advisor who is assigned to the Department of Biomedicine.



Michaël Marie is known to many of you, as he has performed his PhD-studies (2008) and post-doc years at MIC under the supervision of Pr. Jaakko Saraste. During the last 5 years, Michaël held a researcher position in Prof Thomas Arnesen's group.

From now, he will provide:

- Support for various funding bodies: the Research Council of Norway, EU Horizon 2020, Norwegian Cancer Association, Bergen Research Foundation etc.
- Application support: assists the academic staff in various processes surrounding application writing
- Mobility

Michaël will have an open office at our Department each Tuesday and Wednesday.

Shaping Horizon 2020

Researchers at IBM currently have a valuable opportunity to contribute to the shaping of the final Horizon 2020 Health Work Programme for 2020.

This is the last round of calls under the Horizon 2020 umbrella, the budget is generous and chances of winning at their peak, so it really is a good opportunity.

Katie Anders, advisor at the Universities BOA team, has sent us full list of the topics and calls currently under review. We are asking competitive collaborative research groups to scan the contents page, identify relevant calls and send any comments to Margarethe.Bittins@uib.no before 24 August. You can also call Katie Anders and discuss any call directly.

The document is unofficial and has to be provided on the Departments internal pages: https://wiki.uib.no/biomed/index.php/Main_Page (log on, then click on "NOW: Horizon2020 topics")

Last year, a number of MED researchers made suggestions which were taken up by the Commission, leading to the submission of better tailored, more competitive applications so it really is worthwhile to comment on/suggest amendments to calls in the development phase.

Positioning funding

Are you planning to apply to Horizon2020 in 2020? – get positioning funding from the University

The University calls for applications for Positioning funding (POS) for Horizon2020. This is strategic funding to support network and competence-building so that researchers can prepare applications for funding under the Horizon2020 scheme in the year 2020 or later. [Retningslinjer \(PDF\)](#)

The call is for:

- Researchers who position themselves towards a future H2020 application starting in 2020.
[Søknadsskjema forskere \(PDF\)](#)
- Strategic means at the faculty level.
[Søknadsskjema POS - Fagstrategiske virkemidler \(PDF\)](#)
- Competence-building for researchers and administrative support staff, e.g. participation at workshops, seminars, conferences etc.
[Søknadsskjema POS-KHT \(PDF\)](#)

Applications have to be signed by the Head of Department.

The Department then sends the applications to the Faculty of Medicine by **30 August**.

ERASMUS+ Staff mobility

The University of Bergen provides grants for staff mobility through the Erasmus program.



Both technical, administrative and scientific staff can apply for employee exchange. Subsidising mobility of up to two months, for UiB staff including PhD-candidates and post docs, to attend courses or individual laboratory visits. Also have a look at the list of organized [staff mobility weeks](#).

More information can be found on UiB's staff pages: <https://www.uib.no/foransatte/92416/erasmus-tilsettmobilitet>

Teaching mobility

There are also grants for teaching mobility through the Erasmus program.

The minimum amount to qualify for Erasmus teaching mobility is eight lessons. There must also be a valid Erasmus agreement with the cooperation university, which includes teaching exchange in the current professional code. Average grant is 800 € per mobility, equivalent to one week's mobility stay. More information is available on UiB's staff pages: <https://www.uib.no/foransatte/92415/erasmus-undervisningsmobilitet>

Deadlines: for a scholarship for 2018/2019 are **20 August and 20 January**

Current funding announcements/deadlines

The Research Council of Norway (NFR)

- **NEW BIOTEK2021 - Digital Life:** Apply for researcher projects affiliated with the Center for Digital Life starting in 2019. Projects must focus on specific research questions related to existing societal challenges. Activities under the BIOTEK2021 programme will be focused on thematic areas and associated research questions on which the **development and use of biotechnology** expertise and methodology will have a critical impact. Solving the research challenges addressed by the projects must require extensive **transdisciplinary** activity, i.e. conceptual, methodological and technological elements from the **life sciences, mathematical sciences and**



engineering sciences must be combined to create a powerful, overall research methodology.

The following elements are to be a key, integral part of projects:

1. Compilation and/or use of empirical data from experimental, clinical or observational studies;
2. Computer-oriented methods;
3. Theoretical and experimental modelling from mathematics, informatics, physics, and engineering and other sciences.

Projects must be of relevance for future value creation and **companies should participate** as partners with an integral, clearly defined role in the project.

Deadline 12 September 2018 at 13.00

- [Collaboration projects between Norwegian and American researchers:](#)

Norwegian researchers can apply for an advance guarantee of 5-7 million NOK in collaborative projects that achieve funding from the US National Institutes of Health (NIH) within the thematic priorities of BEDREHELSE (Better Health) and BEHANDLING (Treatment).



Deadline: 12 Sep 2018

- [Collaboration with Swiss researchers:](#) researchers from Norway can now apply with partners in Switzerland for Swiss research funding. You can find more information on the website of the [Swiss National Science Foundation](#).



Deadline 1 October

- **NEW- [Pre-projects in patient safety, multi-morbidity and/or oral health \(BEHANDLING\):](#)** Pre-projects shall take the steps that are necessary for the idea to be realized into a main project, such as establishment of collaborations, summarizing knowledge, piloting, method development, etc.

What can you apply for?

- Travel and meeting expenses
- Seminars / workshops and other measures to build networks to apply for research projects
- Services from research support units
- Resources related to staff who will participate in the preparations for seeking the announcement of main projects
- Guest researchers
- Pilot studies
- Preparatory investigations / research and knowledge overviews
- Other operating assets for the preliminary project including costs for user participation

The first opportunity to apply for a main project will be April 2020. Project duration is between 6 and 12 months, and the budget lies in the range NOK 100 000 - 300 000.

Deadline: 10 October 2018 at 13:00.

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

Horizon 2020 – Marie Skłodowska Curie Actions (MSCA)

- [MSCA COFUND](#): **Deadline: 28 September 2018**
- pre-announcement [MSCA Innovative Training Networks \(ITN\)](#) **Deadline: 15 January 2019**



Norwegian Cancer Society

- Pre-announcement: [Nordic Cancer Union 2018](#): The Nordic Cancer Union (NCU) provides funding to support and stimulate collaborative cancer research within the Nordic countries. Researchers working in two Nordic countries or more must be involved in the project. The research project must be cancer relevant and uniquely suited to be carried out within the Nordic countries, and the effect of collaboration should be synergistic. Funding is restricted to research that is in line with the [NCU's research strategy](#).
Deadline: 3 September 2018 at 15:00.
- [Krafttak mot kreft 2018 - Late effects of cancer treatment](#): Norwegian Cancer Society supports research that can lead to prevention and reduction of late effects after cancer treatment, and how to increase quality of life for affected individuals.
Deadline: 5 September at 13:00.



NordForsk

- [Nordic Call on Personalized Medicine](#): EUR 1-3 million for a duration of up to 4 years.
Deadline: 14 September at 13.00
- [Nordforsk - Personalised Paediatric Cancer](#): NordForsk, the Norwegian Cancer Society, and the Research Council of Norway are collaborating to fund research in the area of **personalised cancer treatment for children**.
Deadline: 3 October 2018

Bergen Research Foundation: Programme on Antimicrobial Resistance

Call for pre-proposals

The Bergen Research Foundation (BFS) launches a Research Programme dedicated to promote collaborative research that may benefit towards the challenge of antimicrobial resistance (AMR). BFS has dedicated a total of 70 MNOK for four years (2019 – 2023) for this programme. For more details regarding the programme, please see the following documents:

- Call Documents ([download](#))
- Pre-proposal Template ([download](#))

Please send the pre-proposal in one (1) PDF-file to grants@bfstiftelse.no at or before the Please [contact the foundation](#) if there are questions regarding this call.

Deadline 3. september 2018.



EEA and Norway Grants

[Norway Romania EEA Mobility Grants](#):

Deadline: 14 September 2018

[Norway Romania Collaborative Research Projects](#):

Deadline: 1 October 2018

Individual Fellowships and Personal Grants

Norwegian Health Association

The Norwegian Health Association is a voluntary, humanitarian organization promoting the interests of people with dementia and their carers and improve lives of people living with cardiovascular diseases.

- **Post doctoral fellowship Dementia** ([PDF](#)).
Deadline 3 September 2018
- **Post-doctoral fellowship Cardiovascular Research**
- **PhD-fellowship Cardiovascular research**

Call for proposals (Norwegian) <https://nasjonalforeningen.no/forskning/sok-forskningsmidler/>

Deadline 1 September 2018



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
- **NEW EMBO short-term fellowships**: research visits of up to three months between laboratories in eligible countries, for active researchers with at least one year experience at the PhD-candidate level.
Deadline: continuing

- **NEW ERASMUS+ staff mobility**

Subsidising mobility of up to two months, for UiB staff including PhD-candidates and post docs, to attend courses or individual laboratory visits. Also have a look at the list of organized [staff mobility weeks](#).

Deadline: 20 August and 20 January

NEW Short term staff exchange – coordinated by the Research Council of Norway

- **To France:** [The Aurora mobility programme](#). Scientific staff/groups of researchers from Norwegian institutions may apply for funding for short-term visits in France to launch and develop joint research projects. The French researchers must submit a corresponding grant application to Campus France and visit you in Norway. Max 100.000 NOK can be applied for. **Deadline: 12 September 2018.**
- **To Germany:** [DAAD-programme](#): Funding for research groups to visit Germany, and for German groups to visit Norway.
 - The German researchers must submit a corresponding grant application to the German Academic Exchange Service (DAAD) and visit Norway.
 - The maximum grant per year from the Norwegian side is NOK 60 000.
 - Grant applications will be accepted from scientific staff/groups of researchers (normally 2–4 persons) for funding for short-term stays (normally 2–4 weeks) in Germany extending over one or two consecutive calendar years.
 - Early career researchers (Master's/Ph.D. students) must be incorporated into the projects and participate in the travel activities.
 - Funding to cover travel and living expenses in Germany.

Horizon 2020 Marie Skłodowska Curie Actions

- [Individual Fellowships \(IF\)](#) for experienced researchers (at the post-doctoral level).
Deadline: 12 September 2018
- [Widening Fellowships H2020-WF-2018-2020](#): Widening fellowships, in particular, provide specific support to researchers to undertake their fellowship in a widening country.
Deadline: 12 September 2018

Funding for Cooperation in Higher Education

Erasmus

[Project establishment funds for Erasmus+ Projects \(Prosjektetableringsstøtte\)](#)

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. Midler per prosjekt: 300 000 kr; Total ca. 5 millioner kr

Deadline: 25 September 2018

[Programme for cooperation on higher education with Russia \(Russlandsprogrammet\)](#) (Link in Norwegian)

Deadline: 25 September

InternAbroad

Deadline: 25 September

Globalink

Internships in an enterprise. Collaboration between Norway and Canada. Project funds: 90.000; total 650.000 kr.

Deadline: continuing

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>