



Department of Biomedicine Newsletter



Issue 20/18
23 November, 2018

Dear all,

The autumn semester will soon be over, and many of us teachers are now involved in exams. Exams are a strong driving force for learning, as we know from the students' engagement. Traditionally, we are taught to study for life, not for exams. This should be our main motivation. Still, it turns out that this is close to impossible as long as the stakes remain high at these examinations.

Consequently, modern educators should plan in this order:

First, decide on the learning outcomes: What should the students know and be able to do after the course?

Then, design the assessment methods to test those outcomes. This way, studying will not only prepare for the exam, but also lead to the learning outcomes.

Finally, plan the teaching so that it will lead students toward the learning outcomes. If you succeed, there will be little conflict between teaching for the exam and teaching for the learning outcomes.

I want to address a few more ideas regarding our work with student assessment. Firstly, students benefit strongly from feedback during the course. They use it to adjust and improve their reading. As teachers, we use "formative assessment" - simple tests and team-based learning - to give feedback.

Secondly, while both formative assessment and good teaching are important, we still have the mixed pleasure of having to "quality check" our students. This is termed "summative assessment" and often done in the form of high-stakes exams. We now have quite good digital tools, and we put a lot of effort into making good and reliable exams. Let us all contribute, with our scientific and administrative competence, so that this years' exams will run smoothly!

Good luck with exams, and happy teaching!

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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.

From the Faculty of Medicine:

Update your personal page!

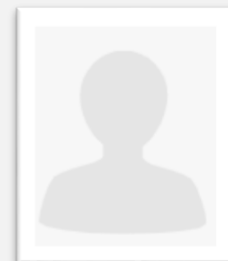
Your personal page on UiB is the first to appear if you "Google" your name. It is therefore an excellent venue to tell the outside world and your colleagues about what you are working on.

Faculty management encourages all employees to enter the personal page and update it with competencies and possibly a description of current projects or publications. Also, please add a picture of yourself! You can also enter a Twitter feed if you wish. To update your personal page, log in to www.uib.no/user with your username and password.

If you need help, you may contact the local web editor **Torstein Ravnskog**.

With best regards,

Heidi Anette Espedal, Faculty Director



Operations, Health, and Safety

REMINDER: Department- and HSE day and Xmas party

The Department of Biomedicine invites all employees, students, guest researchers to join our HSE-day followed by the Christmas party.

The morning is dedicated to safety, science, and socializing. Participation is mandatory!

07 December, 8:00-12:00 Auditorium 2



In the evening, join us for the Christmas party! We start with a reception in the 2nd floor and continue with food in the canteen. You can choose either traditional Christmas food or a vegetarian meal. This is a great opportunity to meet colleagues from all floors at the Department.

Participation is free (and voluntary) but you need to register and bring your own beverages.

Registration by 30 November:

<https://skjemaker.app.uib.no/view.php?id=5576876>

07 December, 19:30 2nd floor BBB



Bestillinger

For å være sikker på at bestillinger vil komme med på inneværende år, samt unngå pakkeleveranser i juleferien med lav bemanning, vil det også i år være bestillingsstopp fra **10. desember fra kl. 14.00.**

Det er derfor viktig at dere planlegger bruk av midler som må disponeres før årets slutt, vurderer hva som må bestilles mot pågående forskningsaktivitet i desember samt aktiviteter eller disputaser like over jul som krever forberedelser i form av bestillinger.

Bestillinger vil gå som normalt igjen fra 1. virkedag i januar 2019.

Purchase orders

To make sure that all purchases are registered in this fiscal year, and to avoid package deliveries during Christmas, the final date for purchasing will once again be **10. December, from 14:00.**

It is important that you plan which spendings are to be issued before the end of the year, and also that you assess what is needed regarding ongoing research activity in December and activities or disputation early the week after new year.

Purchases will resume as normal from the first business day of 2019.

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.

The end of the year is approaching, and with it the need to control if all your publications are registered in the [Cristin database](#). As of today, the Department of Biomedicine has **98 articles in PubMed**, but only **49 articles in Cristin** for the year 2018. Each author has the responsibility to ensure that their publications are registered. If funding from the Research Council of Norway is involved, the project number must also be reported in the Cristin record. Contact Margarethe Bittins if you have questions regarding the registration process.

[Novel protein signatures suggest progression to muscular invasiveness in bladder cancer.](#)

Berle M, Ghila L, Vethe H, Chaudhry A, **Garberg H**, Beisland C, Haaland ØA, **Oveland E**, Halvorsen OJ, Davidsson T, Chera S.

PLoS One. 2018 Nov 12;13(11):e0206475.

[Interleukin-17 Drives Interstitial Entrapment of Tissue Lipoproteins in Experimental Psoriasis.](#)

Huang LH, Zinselmeyer BH, Chang CH, Saunders BT, Elvington A, Baba O, Broekelmann TJ, Qi L, Rueve JS, Swartz MA, Kim BS, Mecham RP, **Wiig H**, Thomas MJ, Sorci-Thomas MG, Randolph GJ.

Cell Metab. 2018 Nov 5. pii: S1550-4131(18)30638-7

[The quaternary structure of human tyrosine hydroxylase: effects of dystonia-associated missense variants on oligomeric state and enzyme activity.](#)

Szigetvari PD, Muruganandam G, **Kallio JP**, **Hallin EI**, **Fossbakk A**, Loris R, **Kursula I**, Møller LB, Knappskog PM, **Kursula P**, **Haavik J**.

J Neurochem. 2018 Nov 9

Frederic Amant from the Netherlands Cancer Institute will give a talk entitled “Cancer during pregnancy: a multidisciplinary approach in an INCIP research setting”.

Frédéric Amant, MD, PhD, is professor at the University of Leuven in Belgium and at the University of Amsterdam in the Netherlands and visiting professor at the University of Bergen. He is, amongst others, heading the Center for Gynecologic Oncology at the Netherlands Cancer Institute and chairing the International Network on ‘Cancer, Infertility and Pregnancy’ (INCIP) of the European Society of Gynecologic Oncology (ESGO). Cancer in pregnancy was little studied at large scale before Frédéric Amant ten years ago initiated an international registry for cancer in pregnancy. Per today, 40 countries and more than 100 centers participate in the project.

Thursday, 29 November, 13:30 (NOTE THE TIME!), Auditorium 4

BBB seminar

Karl Lenhard Rudolph from the Fritz Lipmann Institute in Jena, Germany, will give a talk entitled “Epigenetic mechanisms of stem cell aging”.

Professor Lenhard Rudolph is heading the research group on “Stem cell aging” at the Leibniz Institute on Aging, the research focuses on which is on: (i) molecular damages and checkpoint/quality control pathways; (ii) systemic factors, metabolism and inflammation; (iii) epi-/genetic factors and clonal selection. The main aim of his research is to delineate mechanisms and interactions between epi-/genetic, metabolic, and molecule mechanisms of stem cell aging.

Thursday, 06 December, 14:30, Auditorium 4

REMINDER Open Access - Plan S

The University of Bergen and Research Council of Norway invite to an open discussion on Plan S

On 04 September, 2018, a group of national research funding organizations, with the support of the European Commission and the European Research Council (ERC) announced the launch of cOAlition S, an initiative to provide full and immediate open access to research publications.

Plan S has created great involvement and debate between researchers, university leaders and the Research Council this autumn. The debate has been about the pace of implementation, the economy of new publishing solutions, consequences for the researchers' career and freedom of research.

John-Arne Røttingen, Managing Director of the Research Council of Norway, comes to Bergen to have a dialogue meeting around Plan S and Open Access.

<https://www.uib.no/rektoratet/121519/%C3%A5pen-publisering-plan-s>

07 December, 10-12, Dragefjellet skole, Bergen

Three Scandinavian scientists invited to the third National Conference of the Chinese Society of Matrix Biology



Screen in conference room CSMB 2018. © Donald Gullberg.

Donald Gullberg just returned from a conference in Hangzhou, China. The Chinese Society of Matrix Biology hosted its third meeting in Hangzhou. Among the 250 participants, Scandinavia was represented by the invited speakers **Donald Gullberg** from the University of Bergen, **Roger Karlson** from the University of Stockholm and **Staffan Strömblad** from Karolinska institute. Prof. Reinhard Fässler from the German Max Planck Institute of Biochemistry gave the keynote lecture.

The speakers were invited to a special welcome dinner and an outdoor performance at the Westside lake. Impressively, the stage was built three centimeters below the surface of lake. Using the lake and its surroundings as props, lights and hundreds of actors create a performance of light, music, dance and theatrics at night.



Dance performance on Westside lake, Hangzhou. © Donald Gullberg.



Dance performance on Westside lake, Hangzhou. © Donald Gullberg.

“Science & Social”-event

by the Bergen chapter of the Norwegian Biochemical Society

*Are you interested in science and enjoy being social? Join the November event – **also for non-members!***

N:B:S

Tuesday Nov 27th at 5 pm
BBB-seminar rooms, 5th floor

SCIENCE

Nils Halberg:

“The cancer-obesity connection and thoughts on how to start a lab from scratch”

SOCIAL

Quiz, snacks & drinks (free!)

Register on the Facebook event or send an e-mail to: min013@uib.no

PhD Updates

PhD midway evaluations

PhD-candidates at the Faculty of Medicine undergo a compulsory midway evaluation that includes a public presentation of their scientific progress. Public presentations will last about 15 minutes, followed by a 5-10 minute public discussion round.

Everyone is welcome to join!

29 November, 11.15, 7th floor seminar room

Project: A study on metabolic checkpoints as mediators in cancer cell plasticity

PhD-candidate Sissel Elisabeth Dyrstad	Supervisors Karl Johan Tronstad, James Lorens, Gro Vatne Røsland	Committee Rolf Bjerkvig, Mathias Ziegler
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29 November, 12.15, 7th floor seminar room

Project: Molecular characterization of integrin $\alpha 11$ function

PhD-candidate Jahedul Alam	Supervisors Donald Gullberg and Rolf Reed and James Lorens	Committee Rolf Bjerkvig, Martha Chekenya Enger
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30 November, 9:00, 3rd floor conference room

Project: Using meta-analyses of proteomics data to identify novel disease networks in multiple sclerosis

PhD-candidate Ragnhild Reehorst Lereim	Supervisors Harald Barsnes, Frode Berven, Eystein Oveland, Astrid Guldbrandsen	Committee Rolf Bjerkvig, Kjell-Morten Myhr
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30 November, 10.00, 3rd floor conference room

Project: Gene and Immuno-therapy of Brain Tumors

PhD candidate MD Abdul Latif	Supervisors Hrvoje Miletic, Rolf Bjerkvig, Jubayer Hossain	Committee Martha Chekenya Enger, Donald Gullberg
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30 November, 13:00, 3rd floor conference room

PhD candidate Kunwar Jung K. C.	Supervisors Aurora Martinez, Ana Jorge-Finnigan	Committee Rolf Bjerkvig, Inari Kursula
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Funding Announcements

Fridtjof Nansens belønning for fremragende forskning 2019

Fridtjof Nansens belønning for fremragende forskning deles ut av *Nansenfondet og De Dermed Forbundne Fond* på Det Norske Videnskaps-Akademis årsmøte i mai. Belønningen kan tildeles norske forskere, eller forskere fast bosatt i Norge, som har levert vitenskapelige bidrag av internasjonal betydning på meget høyt nivå. Belønningen skal gå til en aktiv forsker for å stimulere videre arbeid.

Belønningen består av et pengebeløp (pt. NOK 300.000), et diplom og Nansenmedaljen for fremragende forskning. Belønningen deles ut hvert år, men alternerer mellom humaniora og samfunnsfag, og realfag og medisin. I 2019 skal belønningen deles ut innen realfag og medisin.

Forslagsrett har medlemmer av Det Norske Videnskaps-Akademi og forøvrig professorer ved våre universiteter og vitenskapelige høyskoler. Forslag til prisvinnere med kort begrunnelse (maks. 2 sider A4) samt kortfattet CV og publikasjonsliste sendes til Line Therese Nævestad på e-post: l.t.navestad@dnva.no

Spørsmål kan rettes til styresekretær Line Therese Nævestad. Tlf.: 22 84 15 04 eller e-post: l.t.navestad@dnva.no

Utlysning med frist 10. februar

Fridtjof Nansens Award for Excellent Research 2019

Fridtjof Nansen's Award For Excellent Research is awarded by *Fridtjof Nansen's Foundation for the Advancement of Science and Its Associated Foundations* at the annual meeting of Det Norske Videnskaps-Akademi each May. The award may be given to Norwegian researcher, or researchers residing in Norway, who has presented scientific contributions of international relevance at a very high level. The award goes to an active researcher to stimulate further work. The award consists of a 300 000 NOK, a diploma and the Nansen medal for excellent research. The award is granted every year, but alternates between the humanities, social sciences, natural sciences and medicine. In 2019, the award is directed at the natural sciences and medicine.

Members of The Norwegian Academy of Science as well as Professors at Norwegian universities may nominate candidates. Nominations, along with a brief explanation (max. 2 pages), relevant CV and publication list can be sent to Line Therese Nævestad: l.t.navestad@dnva.no

Questions may be directed to Secretary of the Board, Line Therese Nævestad – phone: 22 84 15 04 or e-mail: l.t.navestad@dnva.no

Deadline: 10 February

Fridtjof Nansens belønning for yngre forskere 2019

Fridtjof Nansens belønning for yngre forskere er todelt; én i humaniora og samfunnsfag og én i realfag og medisin. Hver av belønningene er på 75 000 kroner og ett diplom.

Belønningen tildeles norske forskere eller forskere fast bosatt i Norge, som ennå ikke har fylt 40 år. For øvrig gjelder samme regler som for Fridtjof Nansens belønning for fremragende forskning.

Spørsmål kan rettes til styresekretær Line Therese Nævestad - Tlf.: 22 84 15 04 eller e-post: l.t.navestad@dnva.no

Utlysning med frist 10. februar

Fridtjof Nansens Award for Junior Researchers 2019

The Fridtjof Nansen's Award for Junior Researchers is awarded within two fields: one for the humanities and social sciences, and one for the natural sciences and medicine. Each of the awards consists of 75 000 NOK and a diploma.

The award is granted Norwegian researchers or researchers residing in Norway, and the award winner must be below 40 years of age. Otherwise, the same rules as the Fridtjof Nansen's Award For Excellent Research applies.

Questions may be directed to Secretary of the Board, Line Therese Nævestad – phone: 22 84 15 04 or e-mail: l.t.navestad@dnva.no **Deadline: 10 February**

Nansenfondet og de dermed forbundne fond

Fridtjof Nansens fond til vitenskapens fremme og de dermed forbundne fond søker stipendmottakere.

Det kan tildeles midler til blant annet drift, forskningsutstyr, faglige reiser og vitenskapelig assistanse. Innen realfag og medisin prioriteres vanligvis støtte til drift og mindre utstyrsenheter. Bidrag gis etter søknad.

Her finner du retningslinjer for søkere, søknadsskjema og veiledning: <https://unifor.no/stiftelser/>

Søknadsfrist 15. januar 2019

Nansen Fund and the associated funds

Fridtjof Nansen's Foundation for the Advancement of Science and Its Associated Foundations seeks fellow recipients.

Funds may be allocated to operations, research equipment, professional travel and scientific assistance. Within science and medicine, support for operations and smaller equipment is generally prioritized. Contributions are granted on application.

Here are guidelines for applicants, application form and guidance: <https://unifor.no/stiftelser/>

Deadline January 15, 2019

Current funding announcements/deadlines

The Research Council of Norway (NFR)

- **[Biotechnology for a sustainable bioeconomy - ERAcBioTech](#) / BIOTEK2021**

The aim of the call is to contribute to the transformation of the global economy from a dependence on fossil raw materials to a sustainable bio-based economy. RCN participate in Topic A: Microbial communities (natural or synthetic), co-cultures and cascades of microorganisms for new products, value-added products and supply services as well as sustainable industrial processes. The submitted proposals must be multidisciplinary and include at least two of the following scientific approaches:

Synthetic biology Systems biology Bioinformatics tools Biotechnological approaches to transform bio-based building blocks into molecules.

Deadline: 14 December 2018 at 13.00.



- **[ÅSGARD programme](#):** Academic cooperation with the Institut français de Norvège.

- - Åsgard-Research. Designed for researchers willing to develop collaborations between France and Norway. It funds a one-week stay in France, allowing the researcher to meet counterparts in universities and research institutions.
- Åsgard-Innovation. Designed for professionals working in technology transfer structures, clusters etc. and aims at exchanging good practices as well as creating new collaborations. It also funds a one-week stay in France.

The programme of visits will be established with the help of the Institut français who will suggest relevant contacts. The stay has to take place in 2019.

Deadline: December 15th.



Horizon 2020 – European Research Council ERC Frontier research grants

- **[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 Innovative Training Networks \(ITN\)](#) **Deadline: 15 January 2019**
- [MSCA-Research and innovation staff exchange \(RISE\) -2019](#): RISE supports mobility and exchange of research and innovation staff, incl. managerial, technical and administrative staff, between institutions in different sectors in Europe and/or with research institutions in countries outside of Europe. **Deadline: 2 April 2019**



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

Selected calls from SC1-2018-2019: Health, demographic change and wellbeing:

[SC1-HCO-01-2018-2019-2020: Actions in support of the International Consortium for Personalised Medicine](#)

[BHC-31-2019 - Pilot actions to build the foundations of a human cell atlas](#)

1 stage, deadline 16 April 2019

NEW: EuroNanoMed - Nanomedicine

The call aims to support translational research projects that combine innovative approaches in the field of nanomedicine. Project proposals need to cover at least one of the following areas that are equal in relevance for this call:

- Regenerative medicine
- Diagnostics
- Targeted delivery system

Deadline for pre-proposal: 31 January 2019

EEA and Norway Grants

- *PRE ANNOUNCEMENT* - [First call in the Baltic Research Programme](#): Estonia, Latvia and Lithuania have decided to combine their respective EEA Grants research programmes into a joint Baltic Research Programme for cooperation with Norway. Proposals for collaborative research projects are invited in all areas of fundamental and applied sciences. Call will open 25 October 2018.
Deadline: 31 January 2019.

Bergen University Funds

Researchers at the University of Bergen may apply for funding of dissemination and publication of research results and to organize scientific conferences and workshops.

Deadline 1 December

Individual Fellowships and Personal Grants

Meltzer Foundation

- [Project grants](#): for students at master's level and PhD candidates. Maximum kr. 75,000. The award will depend on documentable expenses in connection with the project - such as travel, running costs, equipment, etc.
Deadline: 1 December
- [Travel grant](#): max kr. 50,000 . Researchers from the University of Bergen can apply for financial support for academic travels.
Deadline: 1 December
- [Support for sabbatical](#): for permanent academic staff at UiB who have been granted sabbatical leave in 2019. Max kr. 150,000. Covers travel, accommodation, running costs or equipment.
Deadline: 1 December

Other grants and bequests at the University of Bergen

- Det alminnelige medisinske forskningsfond ved Universitetet i Bergen
- Legat for forskning av kreftsykdommer ved Universitetet i Bergen

All employees, PhD-candidates and postdocs at UiB can apply for funds for scientific travel and running costs. [Application portal](#)

Deadline: 1 December 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 travel grants limited to 25.000 nok.
Deadline: 1 March and 1 October
- [Research Council of Norway](#) 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
- [Helse Vest](#): granted for 6 or 12 months. Postdoctoral fellowship applicants are especially encouraged to apply for an overseas fellowship over the course of their fellowship period. Continuing deadline
- [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
- [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

Funding for Cooperation in Higher Education

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>