



Department of Biomedicine Newsletter



Issue 08/19

02 May 2019

Dear colleagues,

I hope the Easter Holidays with lovely weather have contributed to charge your batteries as we are now entering the exam period. I wish both students and teachers best of luck.

I encourage all staff involved in teaching to attend the IBM **teaching day** next Wednesday. Please see the program below in the newsletter, and [register](#) before 6 May.

Worth mentioning is a recent paper in Nature Genetics published by Pål Njølstad et al. with the title: "[Roadmap for a precision-medicine initiative in the Nordic region](#)". This article could be of interest to many of use as it gives a nice overview of possible organization, opportunities and advantages of research on Nordic expertly curated patient and population registries, biobanks, and large population-based prospective cohorts linked to registries and biobanks.

Finally, it is a great pleasure to welcome our colleague **Nils Halberg** as new member of our permanent scientific staff! Nils has held a group leader position funded by the Bergen Research Foundation (now Trond Mohn Foundation) and has now been appointed associate professor. I am very happy that Nils chose to stay with us. He is an enthusiastic scientist with an exciting research on cancer and obesity. Moreover, his background in physiology will help to close a gap in teaching capacity. I wish Nils a successful start in his new role as an academic teacher and scientist and look forward to stimulating interactions. You can read more about his lab below in this newsletter.

Best regards,

A handwritten signature in blue ink, appearing to read "Nils".

Human Relations

EVENTS

Visit [this page](#) for an overview of events organized at UiB.

EMPLOYEE BENEFITS

Go [here](#) to see an overview of benefits for employees at UiB.

JOBBS

See all open positions at the University of Bergen [here](#).

We welcome these new employees:



Jorunn Brekke started in a PhD position on 01 April, Supervisor is Prof. Martha C. Enger.



Trond André Kråkenes started in a 20 % project position as staff engineer in the biorecognition group on 25 March.



Tor-Arne Hegvik returned to the neurotargeting group in a 10 % researcher position on 1 May.



Masoud Rad started in a 2-year post doctoral position on 25 April, in Clive Bramham's group.

We wish farewell to these colleagues:



Sudarshan Patil has resigned from his position as researcher in the neuroscience group on 1 May.



Sandy Chen resigns from her position as researcher in the CellNet group on 06 May.

Profile of the Halberg lab



The overarching goal of the lab is to apply experimental cancer systems to elucidate the molecular mechanisms malignant cancer cells exploit in obese environments. Our active research program is applying systems-based approaches to study animal models of breast and pancreatic cancers. These comprise single cell profiling of the tumor ecosystem by mass cytometry (cell suspension and imaging-based), loss-of-function screens in the *in vivo* functional tumor microenvironment using CRISPRi and epigenetic/transcriptional regulation of obesity-induced reprogramming events. The laboratory consists of computational and cellular cancer biologist. Together we endeavor to decipher the molecular and cellular changes engendered by an obese physiological environment to develop novel precision therapies to treat cancers in obese patients.

Lab website: <http://www.halberglab.com>

The principal investigator:

PhD (2009) training at the UT Southwestern Medical School was directed at molecularly understand obesity-induced hypoxia in the expanding adipose tissue and its role in developing insulin resistance and type 2 diabetes. My postdoctoral training (2015) at the Rockefeller University focused on the molecular regulation of breast cancer metastasis.

People in the lab:

Cara Wogsland, post doc

Line Pedersen, PhD candidate

Xiaozheng Liu, PhD candidate

Susanne Benjaminsen, Master student

Hilde Lien, Master student

Anastasiia Rulina, post doc

Pouda Panahandeh, PhD candidate

Man Hong Choi, PhD student
co-supervised with Anders Molven

Kristine Monsen, Master student

Muntequa Ishtiaq Siraji, Technician

Operations, Health, and Safety

Ny tilkomst til BB-bygget

Det vil bli skiltet ny hovedgangvei via sykehusets sentralblokk til BBB:

- Man **går inn i sentralblokken** enten fra nord, vest eller sør (se foto under).
- Man tar trapp, rulletrapp eller heis til 3. etasje og
- **Benytter gangbroen** inn til BB bygget.

Det er **viktig at man benytter denne traseen** slik at det blir minst mulig fotgjenger på baksiden av sentralblokken og opp mot BB bygget. Dette fordi det er mye varetransport og store biler som må rygge seg på plass for varelevering.

Området som er markert rødt i bildet under vil bli stengt.

Om noe er uklart ta kontakt med Bård Sværi eller Emil Hausvik.

New footpath to BBB

*Pedestrian access to BBB will now follow a route through the hospital.
There will be signs guiding you to:*

- **enter the main hospital building** (sentralblokken) coming from the north, west, or south entrances (see picture below)
- take the stairs, escalator or elevator to the third floor,
- Follow the **walkway to BBB**.

It is **important to follow this path** in order to limit pedestrian traffic on the street level, which is always busy with manoeuvring delivery trucks.

The red area on the photograph below will be completely inaccessible.

If anything is unclear, contact Bård Sværi or Emil Hausvik.



OPPDATERING: Ombygging syvende etasje

Det blir oppstart på ombyggingen av slusene i syvende etasje ca. 13 mai. Grå sone vil kunne brukes som normalt med enkelte tilpasninger.

UPDATE: constructions on the seventh floor

Around 13 May, the construction of new entry points to the grey zone will commence. During the construction period, the grey zone will be in operation as normal, with some adjustments.

Webmasters at the Department of Biomedicine

The Department of Biomedicine has a designated group of webmasters whose purpose is to oversee that the web content of the Department is up to date, professional, and informative. Since last year, there is ONE webmaster per research group that is in charge of the group's pages and – notably - all the lab's pages within this group. On the next page you will find a list of these people (in red). PI's have the final responsibility for the content on their lab's pages and webmasters may contact you for updates and newsfeeds regularly.

Specifically, we would like to see that each lab page

- has a tab that links to a list of the current members (the title of the page should be: "Members of the XXX lab")
- has a tab that links to the lab's publications. You can choose if this should be a link to PubMed, Cristin, or a curated list.
- has a short paragraph on the lab's research focus, written in simple non-scientific language in both Norwegian and English. Ideally, it would be followed by a longer, more specific, scientific paragraph.
- Provide short news regularly. If you receive funding, get a poster prize, publish an article, start a new collaboration, arrange a conference, start using a fancy technique - **please spend 20 minutes to write 200 words and send them to the webmaster**. And if this is too much, just a picture and 50 words is better than nothing!



List of webmasters

People listed in red are the webmasters responsible for research groups **and research labs**. Other people have editing access to the indicated “areas”.

Cellnet		
Austin James Rayford, Nils Halberg		
Halberg lab Nils Halberg	Tronstad lab	Lorens lab Austin James Rayford
Reed / Stuhr lab		
Biorecognition		
Ruth Brenk, Åge Aleksander Skjevik		
Brenk lab Ruth Brenk	Inari Kursula lab Inari Kursula	Martinez lab Åge Aleksander Skjevik
Cardiovascular research group		
Trude Skogstrand		
Wiig lab Trude Skogstrand	Tenstad lab	Berggreen lab Trude Skogstrand
	Tine Karlsen (ingen område)	
Matrix biology		
Ning Lu, Mona Grønning		
Kusche-Gullberg lab Ning Lu, Mona Grønning	Gullberg lab Ning Lu, Mona Grønning	
Neurotargeting		
Lisa Vårdal		
Petri Kursula lab Petri Kursula	Haavik lab Lisa Vårdal	Vedeler lab (ingen område)
Neural networks		
Meg Veruki		
Hartveit/Veruki laboratorium Meg Veruki	Lundervold (ingen område?)	
Nevrovitenskap		
Tambudzai Kanhema Jakobsen		
Tjølsen (ingen område)	Bramham laboratorium C. Bramham, T.K. Jakobsen	
Translational cell signaling and metabolism		
Marc Niere, Thomas Arnesen		
Ziegler laboratoriet Marc Niere	Arnesen laboratoriet Thomas Arnesen	
Jaakko Saraste lab	Marit Bakke lab	Frode Selheim lab
Translational cancer		
Katharina Sarnow		
Thorsen laboratorium	KGJS for hjernekreft	Miletic laboratorium
Forskingskole for translasjonell kreftforskning	Martha Enger laboratorium	Bjerkvig laboratorium Katharina Sarnow
PØ Enger lab, Ingen område		
Craniofacial development		
Päivi Kettunen		

Det medisinske fakultet er resertifisert som Miljøfyrtårn

Fakultetet ble resertifisert som Miljøfyrtårn den 9. april etter en resertifiseringsprosess som startet høsten 2018. Resertifiseringen inkluderer instituttene, sentrene og fakultetsadministrasjonen.

For å bli resertifisert som [Miljøfyrtårn](https://www.uib.no/hms-portalen/84112/hvordan-kan-jeg-bidra#studenter-ansatte), har fakultetet dokumentert at vi oppfyller en rekke krav innen det systematiske HMS-arbeidet, i tillegg til krav innen avfall, innkjøp, transport og energi.

Å være Miljøfyrtårn forplikter oss som institusjon og som enkeltansatte til å gjøre miljøbevisste valg i hverdagen. Miljøsertifikatet er gyldig i 3 år. Når det skal fornyes i 2022, må fakultetet kunne dokumentere at vi er blitt enda bedre.

På følgende lenke på UiBs nettside finnes eksempler på hvordan både ansatte og studenter, kan

bidra: <https://www.uib.no/hms-portalen/84112/hvordan-kan-jeg-bidra#studenter-ansatte>



Faculty of Medicine recertified as Eco-Lighthouse

The Faculty has been recertified as an Eco-Lighthouse on 9 April after a process that started in the autumn of 2018. The recertification includes the departments, centers and faculty administration.

In order to be recertified as an Eco-Lighthouse, the Faculty has met a number of requirements within the systematic HSE work, in addition to requirements in the field of waste, purchase, transport and energy.

Being an Eco-Lighthouse commits us as an institution and as an individual employee to making environmentally conscious choices in everyday life. The environmental certificate is valid for 3 years. When it is to be renewed in 2022, the Faculty must be able to document that we have become even better.

The following link on the UiB website contains examples of how both employees and students can contribute:

<https://www.uib.no/hms-portalen/84112/hv-can-you-bidra>



New Publications



The following list is the PubMed search result for 'Bergen AND Biomedicine' since the last newsletter.

[The Effect of Omega-3 and Omega-6 Polyunsaturated Fatty Acids on the Production of Cyclooxygenase and Lipoxygenase Metabolites by Human Umbilical Vein Endothelial Cells.](#)

Araujo P, Belghit I, **Aarsæther N**, Espe M, Lucena E, Holen E.
Nutrients. 2019 Apr 27;11(5).

[An overview on G protein-coupled receptor-induced signal transduction in Acute Myeloid Leukemia.](#)

Selheim F, Aasebø E, Ribas C, Aragay AM.
Curr Med Chem. 2019 Apr 29.

[Direct Binding of the Flexible C-Terminal Segment of Periaxin to \$\beta 4\$ Integrin Suggests a Molecular Basis for CMT4F.](#)

Raasakka A, Linxweiler H, Brophy PJ, Sherman DL, **Kursula P**.
Front Mol Neurosci. 2019 Apr 9;12:84.

[Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples.](#)

Hoogman M, Muetzel R, Guimaraes JP, Shumskaya E, Mennes M, Zwiers MP, Jahanshad N, Sudre G, Wolfers T, Earl EA, Soliva Vila JC, Vives-Gilabert Y, Khadka S, Novotny SE, Hartman CA, Heslenfeld DJ, Schweren LJS, Ambrosino S, Oranje B, de Zeeuw P, Chaim-Avancini TM, Rosa PGP, Zanetti MV, Malpas CB, Kohls G, von Polier GG, Seitz J, Biederman J, Doyle AE, Dale AM, van Erp TGM, Epstein JN, Jernigan TL, Baur-Streubel R, Ziegler GC, Zierhut KC, Schranter A, Høvik MF, **Lundervold AJ**, Kelly C, McCarthy H, Skokauskas N, O'Gorman Tuura RL, Calvo A, Lera-Miguel S, Nicolau R, Chantiluke KC, Christakou A, Vance A, Cercignani M, Gabel MC, Asherson P, Baumeister S, Brandeis D, Hohmann S, Bramati IE, Tovar-Moll F, Fallgatter AJ, Kardatzki B, Schwarz L, Anikin A, Baranov A, Gogberashvili T, Kapilushniy D, Solovieva A, El Marroun H, White T, Karkashadze G, Namazova-Baranova L, Ethofer T, Mattos P, Banaschewski T, Coghill D, Plessen KJ, Kuntsi J, Mehta MA, Paloyelis Y, Harrison NA, Bellgrove MA, Silk TJ, Cubillo AI, Rubia K, Lazaro L, Brem S, Walitza S, Frodl T, Zentis M, Castellanos FX, Yoncheva YN, **Haavik J**, Reneman L, Conzelmann A, Lesch KP, Pauli P, Reif A, Tamm L, Konrad K, Oberwelland Weiss E, Busatto GF, Louza MR, Durston S, Hoekstra PJ, Oosterlaan J, Stevens MC, Ramos-Quiroga JA, Vilarroya O, Fair DA, Nigg JT, Thompson PM, Buitelaar JK, Faraone SV, Shaw P, Tiemeier H, Bralten J, Franke B.
Am J Psychiatry. 2019 Apr 24;appiajp201918091033

[Polyphosphoinositides in the nucleus: Roadmap of their effectors and mechanisms of interaction.](#)

Jacobsen RG, Mazloumi Gavgani F, Edson AJ, Goris M, **Altankhuyag A**, Lewis AE.
Adv Biol Regul. 2019 May;72:7-21.

[Stem cell-associated heterogeneity in Glioblastoma results from intrinsic tumor plasticity shaped by the microenvironment.](#)

Dirkse A, Golebiewska A, Buder T, Nazarov PV, Muller A, Poovathingal S, Brons NHC, Leite S, Sauvageot N, Sarkisjan D, Seyfrid M, Fritah S, Stieber D, Michelucci A, Hertel F, Herold-Mende C, Azuaje F, Skupin A, **Bjerkvig R**, Deutsch A, Voss-Böhme A, Niclou SP.
Nat Commun. 2019 Apr 16;10(1):1787

[Cancer Immunoediting by Innate Lymphoid Cells.](#)

Wagner M, Koyasu S.

Trends Immunol. 2019 May;40(5):415-430.

[Immune checkpoint molecule herpes virus entry mediator is overexpressed and associated with poor prognosis in human glioblastoma.](#)

Han MZ, Wang S, Zhao WB, Ni SL, Yang N, Kong Y, Huang B, Chen AJ, Li XG, **Wang J**, Wang DH.

EBioMedicine. 2019 Apr 12. pii: S2352-3964(19)30236-1.

[Neural Stem Cells of Parkinson's Disease Patients Exhibit Aberrant Mitochondrial Morphology and Functionality.](#)

Walter, Bolognin, Antony, Nickels, Poovathingal, Salamanca, Magni, Perfeito, **Hoel F**, Qing, Jarazo, Arias-Fuenzalida, Ignac, Monzel, Gonzalez-Cano, Pereira de Almeida, Skupin, **Tronstad KJ**, Schwamborn JC.

Stem Cell Reports. 2019 Apr 2. pii: S2213-6711(19)30089-X.

[Hide and seek: Plasticity of innate lymphoid cells in cancer.](#)

Bald T, **Wagner M**, Gao Y, Koyasu S, Smyth MJ.

Semin Immunol. 2019 Apr 9. pii: S1044-5323(18)30076-9.

[Inhibition of mitochondrial respiration prevents BRAF-mutant melanoma brain metastasis.](#)

Sundstrøm T, **Prestegarden L**, Azuaje F, **Aasen SN**, **Røslund GV**, **Varughese JK**, **Bahador M**, Bernatz S, Braun Y, Harter PN, Skaftnesmo KO, Ingham ES, Mahakian LM, Tam S, Tepper CG, Petersen K, Ferrara KW, **Tronstad KJ**, Lund-Johansen M, Beschorner R, **Bjerkvig R**, **Thorsen F**.

Acta Neuropathol Commun. 2019 Apr 10;7(1):55.

[Long-term treatment with valganciclovir improves lentiviral suicide gene therapy of glioblastoma.](#)

Hossain JA, Latif MA, Ystaas LAR, Ninzima S, Riecken K, Muller A, Azuaje F, Joseph JV, Talasila KM, Ghimire J, Fehse B, **Bjerkvig R**, Miletic H.

Neuro Oncol. 2019 Apr 8. pii: noz060.

[Characterization of Evolutionarily Conserved *Trypanosoma cruzi* NatC and NatA-N-Terminal Acetyltransferase Complexes.](#)

Ochaya, Franzén, Buhwa, Foyn, Butler, **Stove**, Tyler, **Arnesen**, Matovu, Åslund, Andersson.

J Parasitol Res. 2019 Mar 6;2019:6594212.

[Dominant ARL3-related retinitis pigmentosa.](#)

Holtan JP, **Teigen K**, Aukrust I, Bragadóttir R, Houge G.

Ophthalmic Genet. 2019 Apr 1:1-5.

[Effect of disease-associated SLC9A9 mutations on protein-protein interaction networks: implications for molecular mechanisms for ADHD and autism.](#)

Zhang-James Y, Vaudel M, Mjaavatten O, **Berven FS**, **Haavik J**, Faraone SV.

Atten Defic Hyperact Disord. 2019 Mar;11(1):91-105.

[Therapeutic Effect of Cabazitaxel and Blood-Brain Barrier opening in a Patient-Derived Glioblastoma Model.](#)

Sulheim E, Mørch Y, Snipstad S, Borgos SE, **Miletic H**, **Bjerkvig R**, Davies CL, Åslund AKO.

Nanotheranostics. 2019 Feb 7;3(1):103-112

[Mitochondrial DNA depletion in sporadic inclusion body myositis.](#)

Bhatt PS, Tzoulis C, Balafkan N, **Miletic H**, Tran GTT, Sanaker PS, Bindoff LA.

Neuromuscul Disord. 2019 Mar 20(3):242-246

Cory M. Hogaboam from the Cedars-Sinai Medical Center in Los Angeles, USA, will give a talk entitled “TAM'ing the inflammatory and remodeling responses in chronic lung disease”.

Cory Hogaboam is a Professor of Medicine at Cedars Sinai Medical Center and Adjunct Professor of Pathology at the University of Michigan Medical School. His research group employs genomic, proteomic and bioinformatic approaches to analyze mechanisms contributing to fibrotic and immune system-directed responses in idiopathic pulmonary fibrosis (IPF), lung cancer, sarcoid, hypersensitivity pneumonitis, and chronic obstructive pulmonary disease (COPD). His group also uses translational approaches through the development of humanized SCID mouse models of IPF, cancer, and asthma.

Thursday, May 9, 14.30, Auditorium 4

BBB seminar

Jonathan Wisor from the Washington State University, USA, will give a talk entitled “Measuring and mitigating the impact of oxidative stress in the sleep deprived brain”.

Jonathan Wisor, Associate Professor at the Elson S. Floyd College of Medicine, Washington State University, is a leading scientist on sleep regulatory neuronal populations, cerebral metabolic changes with sleep, and drugs of abuse and sleep. His research program aims to identify functional consequences of sleep and sleep loss within the nervous system. He develops data analysis algorithms that assure the efficiency and quality of the polysomnographic data to better generate new hypotheses on the effects of circadian disruption on sleep quality and timing.

Thursday, May 16, 14.30, Auditorium 4

Stem Cell Seminar: Natalia Soshnikova

Causes and Consequences of Intestinal Stem Cell Heterogeneity

Natalia Soshnikova is group leader, Heisenberg Programme, Institute of Molecular Medicine, Medical School of the Johannes Gutenberg University, Mainz, Germany.



Her research field is molecular mechanisms of intestinal stem cell specification, maintenance and differentiation during development and disease.

Host: Helge Ræder, leader of the stem cell laboratory at the diabetes center, Department of Clinical Research, University of Bergen.

Thursday, 9 May, 13-14, Aarskogsalen at Barne- og ungdomssykehus, 6th floor

Horizons and Darwin Day Lecture

Archaeologist Christopher Henshilwood from the [Centre for Early Sapiens Behaviour](#) at UiB tells us what we know about the behavioural origins of *Homo sapiens* in southern Africa between 120.000 and 50.000 years ago.



Find the event on UiB's web pages: <https://www.uib.no/en/matnat/126736/mother-africa-%E2%80%93-welcome-home>

Join the event on Facebook: <https://www.facebook.com/events/1020069034806700/>

Everybody is welcome!

Thursday 9 May, 16.15 hrs, Egget Auditorium at the Student Centre

Refreshments will be served from 15.45

Volterra lecture by Christopher Voigt, MIT Programming Cells



Link: <https://www.uib.no/fg/bioinformatikk/126622/programming-cells>

Friday 10. May, 13:30-14:30

Place: Store auditorium, Høyteknologisenteret, Thormøhlens gate 55

IBM Teaching Day

We welcome all staff involved in or interested in teaching to the IBM Teaching Day! It will be an opportunity for a little input and a space to discuss some relevant topics on teaching.

Programme:

- 12.00 Lunch
- 12.30 Prospect for Recognition of pedagogical competence at the Faculty of Medicine (see enclosed report). Short info and discussion (Arne T.) [Rapport](#) - [Høringsbrev](#)
- 13.00 Simple-to-use video equipment – what is available and how do we use it (Knut T. og Karl-Johan T.)
- 13.45 Short break
- 14.00 Psychometry on exams and tests – DIY. How to evaluate your own questions (Arne T.)
- 14.30 Good MCQs, how to make them (Olav T.)

To plan for lunch, we need to know how many will attend.

Please register here by May 6 at noon: <https://skjemaker.app.uib.no/view.php?id=6550037>

Wednesday, 8 May , Conference room, 3rd floor BBB

Bianca, Arne & Co.

PhD Updates

New doctoral degree



We congratulate **Arne Raasakka** on his approved trial lecture and doctoral defense!



Early Stage Researcher Seminar

The new Ph.D.-regulations at the Faculty of Medicine

Torunn Olsnes, advisor at the Faculty of Medicine will visit us and talk about the new rules and regulations pertaining to the degree PhD at the Faculty of Medicine.

The University of Bergen has adopted a new PhD-regulation in November 2018, and the PhD-program at the Faculty of Medicine was accordingly also revamped and modernized. Torunn will explain the most important changes and how they affect YOU as PhD-candidates or supervisors. This time, the seminar will also be open for supervisors.

There will be pizza after the seminar, and the opportunity to ask questions.

Tuesday 7 May, 11.30, 3rd floor conference room

Lunch meeting for PhD supervisors

The Faculty of Medicine invites PhD supervisors to a lunch meeting.

Topics:

- Doubtful research practices and attitudes to ethics - Matthias Kaiser
- New in the PhD program - faculty administration – Torunn Olsnes

Find more information and the registration link [here](#):

10 May, 11.30

Funding Announcements

Current funding announcements/deadlines

Horizon 2020 – European Research Council ERC Frontier research grants

[Advanced Grant](#) - Applicants for the ERC Advanced Grants are expected to be active researchers who have a track-record of significant research achievements in the last 10 years. The Principal Investigators should be exceptional leaders in terms of originality and significance of their research contributions.

Deadline: 28 August 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: IMI's next Calls for proposals,

Call 18 and 19, are currently planned for 26/06/2019. The following topics are under consideration for inclusion in the next calls. These topics are now at an advanced stage of development and we hope that these drafts will allow potential applicants to start working actively on proposals and forming consortia:

- [Central repository of digital pathology slides to support the development of artificial intelligence tools](#)
- [Health Outcomes Observatories – empower patients with tools to measure their outcomes in a standardised manner creating transparency of health outcomes](#)
- [Improving patient access, understanding and adherence to healthcare information: an integrated digital health information project](#)
- [Establishing international standards in the analysis of patient reported outcomes and health-related quality of life data in cancer clinical trials](#)
- [Accelerating research & development for advanced therapy medicinal products](#)
- [Supporting the development of chimeric antigen receptor T cells](#)
- [Restricted call to maximise impact of IMI2 JU objectives and scientific priorities](#)

NEW Sustainable Smart Solutions for Ageing well

The Active and Assisted Living Research and Development Programme (AAL) aims to provide innovative Information and Communication Technologies (ICT)-based solutions including products, systems or services. These solutions aim to enhance older adults' quality of life, to **improve the long-term sustainability of health** and long-term care systems, and to strengthen the industrial base in Europe and internationally. Solutions funded under the AAL Programme address the wishes and needs identified by end-users, are **transnational, collaborative and cost-shared between private and public funding**.

Deadline: 24 May 2019 at 17:00 CET.

NEW The European Cooperation in Science and Technology (COST)

Funding for the creation of **research networks**, called [COST Actions](#). These networks offer an open space for collaboration among scientists across Europe (and beyond) and thereby give impetus to research advancements and innovation. COST is bottom up, this means that researchers can create a network by submitting a proposal to the COST Open Call.

The next collection date is **5 September 2019 at 12:00**.

NEW Norwegian Cancer Society – [Kreftforeningen](#)

The Norwegian Cancer Society's aim is to work to prevent and fight cancer, and to ensure the best quality of life for patients and their families. This funding scheme offers flexible, long-term funding for researchers to undertake high-quality, cancer-relevant projects within a wide range of research categories; basic research, translational research, clinical research, epidemiological research, and health -and social science research.

Deadline: 3 June 2019 at 13.00.



NEW Novo Nordisk Foundation

[Project grants in Endocrinology and Metabolism - Nordic Region](#): The Novo Nordisk Foundation hereby calls for applications within basic and clinical research within the endocrine system and metabolism relating to cellular energy homeostasis.

Deadline: 4 June 2019 at 14.00 CET.

novo
nordisk
fonden

NEW European & Developing Countries Clinical Trials Partnership (EDCTP)

In 2019, EDCTPs supports clinical research and related activities on **poverty-related diseases**.

Details of the call texts are planned to be published on the website in May 2019.

- Strategic actions supporting large-scale **clinical trials** (RIA)
- New drugs and vaccines for priority pathogens in **antimicrobial resistance** (RIA)
- Paediatric drugs formulations for poverty-related diseases (RIA)
- Strategic actions on product-related implementation research (RIA)
- Ethics and regulatory capacities (CSA)
- **Career development fellowships** (TMA)
- EDCTP-AREF Preparatory fellowships (TMA)
- EDCTP-TDR Clinical research & product development fellowships (TMA)
- Senior fellowships Plus (TMA)



NEW The Nordic Cancer Union (NCU)

Supports and stimulates **collaborative cancer research** within the Nordic countries. NCU research grants are provided for **one year**. Further support for the project will require a new, yearly application.

Deadline: 2 September 2019, 3 pm.



NEW Familien Blix fond

The fund supports medical research in the field of **cancer and cardiovascular diseases**.

Priority is given to projects combining basic and clinical research, and to applications from younger researchers. Application process: inform about interest to apply by sending an email to goe@hjort.no. Fill out the received application form and send it to: Familien Blix' fonds styre v/advokat Erik Keiserud, Advokatfirmaet Hjort DA, postboks 471 Sentrum, 0105 Oslo.

Deadline: 25 June 2019.

Individual Fellowships and Personal Grants

NEW Nordic Centre in India - the following programmes are announced for UiB researchers:

[NCI Travel Grant](#): NCI will annually support 6 scholars from member universities travelling to India for the purpose of research with an NCI Travel Grant that covers travel expenses upto 500 Euros per successful applicant.

[NCI Academic Activity Grant](#): NCI will be supporting collaborative academic activities between member universities and Indian higher educational institutions through a grant for a max of 3500 Euros per successful application.

[Ganga Mahal Scholar in Residence Programme](#): NCI will support one scholar annually from a member university travelling to India for the purpose of research with the NCI Ganga Mahal Scholar in Residence Programme. This programme is in cooperation with Karlstad University and it covers travel costs upto 500 Euros and one month's stay at Karlstad University's India Study Centre located in Varanasi.

Deadline: 15th of May 2019.

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. There are now new guidelines for these stipends. Please read them in this PDF:

<http://vedlegg.uib.no/?id=f2f78c72805bb1948d9381ec34a9bfe1>

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 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>