



Department of Biomedicine Newsletter



Issue 17/19

11 Oktober 2019

Dear colleagues at IBM,

This week, the Government presented the National Budget for 2020. There is a slight increase in funding to UiB, but also some cuts. If you trickle this down to our Faculty and the Department, there will not be much increase in our baseline funding in 2020. This implies that the Department will rely more and more on the scientific staff to obtain external funding. Our funding is directly related to academic output, public-private partnerships and innovation. In this context, there are also plans presented at the national level to increase the number of medical students at UiB. If this happens, there will be more resources given to the Department, but new challenges will appear, which among others involve changing our teaching activities. To meet these challenges, the Faculty as well as the Department, will most likely need to make decision processes more effective in the future. Our administration will work towards this goal.

All the best,

A handwritten signature in blue ink, which appears to read 'Rolf Bjerkvig'.

Rolf Bjerkvig

Operations, Health, and Safety

Sigma blir til Merck

Endringer i Mercks legale struktur i Norge

Den 1. november 2019 vil de to legale enhetene Merck Life Science AS og Sigma-Aldrich Norway AS konsolideres til en singel enhet som vil hete Merck Life Science AS.

Sigma becomes Merck

Changes in Merck's legal structure in Norway

On 01 November, the two legal units Merck Life Science AS and Sigma-Aldrich Norway AS will consolidate to one unit, Merck Life Science AS.

SIGMA-ALDRICH®

MERCK



MERCK

Påminnelse: Stengt for biltrafikk mellom Sentralblokka og Glasblokkene i uke 43 (21.-27. oktober)

I heile veke 43 blir vegen nord for Sentralblokka stengt for innkøyring av bilar. Dette må gjerast på grunn av at store stålelement til Glasblokkene skal heisast inn på byggeplassen.

Bygginga av del to av Glasblokkene er i full gang. I veke 43 skal store, tunge element som skal brukast til bygginga heisast på plass. For å få dette til må ein nytte ei kraftig mobilkran. Denne er så stor, og heiseradiusen så omfattande, at det ikkje let seg gjere å halde innkøyringa i nord open.

Det vil då heller ikkje vere mogeleg å køyre inn til andre bygg aust for Sentralblokka denne vegen - som UiB sine bygg, sjukehusapoteka og Verkstedsbygget til Haukeland.

For å lage så lite problem som mogeleg vil entreprenøren gjere all heisinga i uke 43, men må altså stenge for bilar i denne veka.

Gangstien inn til Sentralblokka vil vere open. Dette er framleis den anbefalte vegen for også å komme seg til BB-bygget og Lab-bygget.

All trafikk til BB bygget og Labbygg vil i denne perioden gå frå sør forbi akuttmottaket.

Dette blir en litt krevande veke for både sjukehuset, Sjukehusapoteka og Universitetet som alle har aktivitet i området. På den andre sida kan vi velge å sjå på dette som ei øving på den meir langvarige situasjonen vi får våren 2020. Då blir denne innkøyringa stengt i over eit år, på grunn av arbeidet med ny tunnel frå Sentralblokka til Glasblokkene, sier prosjektleiar Helge Bergmann.

Entreprenøren vil skilte i Haukelandsvegen slik at køyrande som kjem denne vegen ikkje køyrer opp mot innkøyringa i nord. Kjem det køyrande likevel opp hit vil dei bli geleida vidare - enten til innkøyring ved Pasienthotellet eller ned til Ibsens gate via Edvard Griegs vei. (Forbi Kiwi og til venstre).

Reminder: Road closed 21 - 27 October between the main hospital block and the construction site

In week 43, the road north of the hospital will be closed for motorized traffic. Large steel elements for the new buildings are to be hoisted into the construction site.

The construction of part two of the Glass Blocks is in full progress. In week 43, large, heavy elements for the buildings will be hoisted into place. To achieve this, a powerful mobile crane must be used. This is so big that the road needs to be closed for motorized traffic. There will be no access to the University buildings, the hospital pharmacy, or the workshops along this road.

The footpath into the Central Block will be open. This remains the recommended route for getting to the BB building and the Lab building. All traffic to the BB building and Lab building during this period will go from the south, past the emergency room.

This will be a somewhat demanding week for both the hospital, the hospital pharmacies and the university, which all have activity in the area. On the other hand, we can choose to look at this as an exercise in the more protracted situation we will have in the spring of 2020. Then this run-in will be closed for over a year, due to work on a new tunnel from the Central Block to the Glass Blocks, says project leader Helge Bergmann.

The contractor will put signposts on Haukelandsvegen so that the lanes crossing this road do not go up towards the inlet ring in the north. If cars nevertheless gets up here, they will be directed further onwards - either to the entrance at the Patient Hotel or down to Ibsen's gate via Edvard Grieg's road. (Past Kiwi and left).

See map below.



Midlertidig nytt stopp for Campusbussen

Det vil i forbindelse med stengingen av veien/innkjøringen til Sentralblokken fra nord i uke 43 bli nytt stopp for Camusbussen ved Haukeland hotell.

Rutetidene er de vanlige.

<https://www.uib.no/foransatte/17332/campusbusen>

New temporary stop for the Campus bus

During the road closure in week 43, the campus bus will have a temporary new stop: Haukeland Hotell.

The schedule remains unchanged.

<https://www.uib.no/foransatte/17332/campusbusen>



Academic Affairs

Progress presentations autumn 2019

Master in Biomedical Sciences

Location: Conference room, 3rd floor, BBB

Monday 14th October 09:00-12:00

Chair: Anni Vedeler

Time	Student	Master Project	Supervisor(s)
09.00	Sayintha Jeyendran	Studies on the molecular mechanisms of the bystander effect in HSV-TK suicide gene therapy	Md Jubayer al Hossain Hrvoje Miletic
09.15	Christer Flagtvedt Didriksen	Understanding the role of DNAJC12 in phenylalaninemia	Aurora Martinez Marte Innselset Flydal Kunwar Jung KC
09.30	Kristine Haugen Furre	The impact of N-terminal acetylation on Actin polymerization	Henriette Aksnes Thomas Arnesen
Break			
10.00	Stine Kari Søvik Jørgensen	Characterization of a potential novel human N-terminal acetyltransferase in human cell models	Thomas Arnesen Camilla Osberg
10.15	Seyedeh Zahra Kamyab	Investigating the association between depot-specific adipose tissue inflammation and insulin resistance in human morbid obesity	Johan Anders Fernø Gunnar Mellgren
10.30	Helene Nazmiye Pettersen	CEL in pancreatic disease: Do alcohol and smoking have negative effects on the CEL protein?	Karianne Fjeld Anders Molven Bente Berg Johansson
Break			
11.00	Ying Ho Leon Lee	Structure-based design of pantothenate kinase inhibitors as lead structures for new antibiotics.	Ruth Brenk Charis Georgiou
11.15	Jan Stefan Olofsson	Investigation of Arc-mRNA interaction in the nucleus of neuroblastoma cell line	Clive Raymond Evjen Bramham Tambudzai Kanhema Jakobsen
11.30	Anders Flataker Viken	Investigating metabolic disturbances in ME/CFS	Karl Johan Tronstad Ina Katrine Nitschke Pettersen

Friday 18th October 09:00-12:00

Chair: Anni Vedeler

Time	Student	Master Project	Supervisor(s)
09.00	Marte Sødal	Molecular alterations suggesting new treatment strategies for cervical cancer patients	Mari Kylesø Halle Karen Camilla Egidu Krakstad
09.15	Atefeh Kianian	POLG induced changes in mitochondrial biogenesis and function studied in glial astrocytes derived from induced pluripotent stem cells with POLG mutations	Xiao Liang Laurence Albert Bindoff
09.30	Emma Rigg	In vitro study of selective PI3K inhibitors on melanoma brain metastases	Frits Alan Thorsen
Break			
10.00	Tina Drivenes Sture	Reporter system for luminal N-terminal acetylation in the secretory pathway	Thomas Arnesen Camilla Osberg
10.15	Mary Dayne Sia Tai	Understanding the interaction between the cochaperone DNAJC12 and tyrosine hydroxylase	Aurora Martinez Marte Innselset Flydal Kunwar Jung KC
10.30	Sina Thorsen Takle	High Dimensional and Spatial Analysis of Solid Tumors	Nils Hallberg Cara Ellen Wogslund
Break			
11.00	Aina van der Meeren	Hunting metabolic weaknesses in ME/CFS	Karl Johan Tronstad Ina Katrine Nitschke Pettersen
11.15	Aishwarya Pavithram	Personalized medicine in diabetes: Unravelling the disease casualty of HNF1β gene coding variants identified in the patient registry of the University of Maryland	Bente Berg Johansson Janne Molnes
11.30	Hanne Øye	Impact of Actin N-terminal acetylation on cancer cell invasiveness	Henriette Aksnes Thomas Arnesen

Masteroppgaver registrert i Cristin

Vårens masteroppgaver utgått fra IBM er registrert i Cristin, dog uten sammendrag:

<https://wo.cristin.no/as/WebObjects/cristin.woa/wa/fres?action=sok&ar-fra=2016&ar-til=2020&sted=184131400&visParametre=1&ukat=MASTERGRADSOPPG&ukat=HOVEDFAGSOPPGAVE&sort=alfabetisk&bs=50>

Gi beskjed til studie@biomed.uib.no om du savner noen!

Tips: Du skal få opp hvilke oppgaver du har vært veileder for når du går inn på din egen side hos Cristin.

Master's Thesis registration complete in Cristin

The Master's Thesis registration for the spring semester is now completed in Cristin, though without abstracts:

<https://wo.cristin.no/as/WebObjects/cristin.woa/wa/fres?action=sok&ar-fra=2016&ar-til=2020&sted=184131400&visParametre=1&ukat=MASTERGRADSOPPG&ukat=HOVEDFAGSOPPGAVE&sort=alfabetisk&bs=50>

Please notify studie@biomed.uib.no if anything is missing!

Tip: If you have been supervisor for a Master's Thesis, it will be listed when you log in on your own profile in Cristin.

New Publications



The following list is the PubMed search result for ‘Bergen AND Biomedicine’ since the last newsletter. Authors who attribute the Department are shown in bold.

[Test-Retest Reliability of the 25-item version of Wender Utah Rating Scale. Impact of Current ADHD Severity on Retrospectively Assessed Childhood Symptoms.](#)

Lundervold AJ, Vartiainen H, Jensen D, **Haavik J.**

J Atten Disord. 2019 Oct 4;1087054719879501. doi: 10.1177/1087054719879501

[Common brain disorders are associated with heritable patterns of apparent aging of the brain.](#)

Kaufmann T, van der Meer D, Doan NT, Schwarz E, Lund MJ, Agartz I, Alnæs D, Barch DM, Baur-Streubel R, Bertolino A, Bettella F, Beyer MK, Bøen E, Borgwardt S, Brandt CL, Buitelaar J, Celius EG, Cervenka S, Conzelmann A, Córdova-Palomera A, Dale AM, de Quervain DJF, Carlo P, Djurovic S, Dørum ES, Eisenacher S, Elvsåshagen T, Espeseth T, Fatouros-Bergman H, Flyckt L, Franke B, Frei O, Haatveit B, Håberg AK, Harbo HF, Hartman CA, Heslenfeld D, Hoekstra PJ, Høgestøl EA, Jernigan TL, Jonassen R, Jönsson EG; Karolinska Schizophrenia Project (KaSP), Kirsch P, Kłoszewska I, Kolskår KK, Landrø NI, Hellard S, Lesch KP, Lovestone S, **Lundervold A**, Lundervold AJ, Maglanoc LA, Malt UF, Mecocci P, Melle I, Meyer-Lindenberg A, Moberget T, Norbom LB, Nordvik JE, Nyberg L, Oosterlaan J, Papalino M, Papassotiropoulos A, Pauli P, Pergola G, Persson K, Richard G, Rokicki J, Sanders AM, Selbæk G, Shadrin AA, Smeland OB, Soininen H, Sowa P, Steen VM, Tsolaki M, Ulrichsen KM, Vellas B, Wang L, Westman E, Ziegler GC, Zink M, Andreassen OA, Westlye LT.

Nat Neurosci. 2019 Oct;22(10):1617-1623. doi: 10.1038/s41593-019-0471-7. Epub 2019 Sep 24.

[Mice depleted for Exchange Proteins Directly Activated by cAMP \(Epac\) exhibit irregular liver regeneration in response to partial hepatectomy.](#)

Sivertsen Åsrud K, Pedersen L, Aesoy R, **Muwonge H, Aasebø E, Nitschke Pettersen IK**, Herfindal L, Dobie R, Jenkins S, Berge RK, Henderson NC, **Selheim F, Døskeland SO, Bakke M.**

Sci Rep. 2019 Sep 24;9(1):13789. doi: 10.1038/s41598-019-50219-8.

[Stability and flexibility of full-length human oligodendrocytic QKI6.](#)

Raasakka A, Kursula P.

BMC Res Notes. 2019 Sep 23;12(1):609. doi: 10.1186/s13104-019-4629-x.

[The Benefit of Large Neutral Amino Acid Supplementation to a Liberalized Phenylalanine-Restricted Diet in Adult Phenylketonuria Patients: Evidence from Adult *Pah-Enu2* Mice.](#)

van Vliet D, van der Goot E, van Ginkel WG, van Faassen MHJR, de Blaauw P, Kema IP, **Martinez A**, Heiner-Fokkema MR, van der Zee EA, van Spronsen FJ.

Nutrients. 2019 Sep 19;11(9). pii: E2252. doi: 10.3390/nu11092252.

Guest lecture: RNA as a tool for cancer therapy

by Honorary Doctorate Bruce R. Zetter



The Faculty of Medicine have the great pleasure of inviting all to a guest lecture by the newly appointed Honorary Doctorate Professor Bruce R. Zetter at Harvard Medical School on 14 October.

Read more about Dr. Zetter: <https://tjinfo.uib.no/Vedlegg?id=be93c05fc9dc5d4e76d4176c654ad81a>

Lecture abstract: <http://vedlegg.uib.no/?id=f52b4b963eb42849658eab2bdcd705c1>

Registration: <https://skjemaker.app.uib.no/view.php?id=7066670>

14 October, 14:15-17:00, Store Auditorium, Sentralblokken, Haukeland Universitetssjukehus

Nytt om immunologi, stamcellebehandling og kreftmedisin

Biomedical Network har gleden av å invitere til møte med fokus på immunologi, stamcellebehandling og kreftmedisin. Arrangementet er en møteplass for alle som ønsker å ta del i utviklingen av pasientenes helsetjeneste. Vel møtt!

Påmelding: [her](#).

16. Oktober, kl. 13.30, Bikuben, Haukeland Universitetssjukehus

Kontaktpersoner:

Jens Reigstad, VIS, jre@visinnovasjon.no

Marie Borg, VIS, mbo@visinnovasjon.no

Om Biomedical Network:

Biomedical Network er et samarbeid mellom Helse Bergen, Universitetet i Bergen (UiB), Legemiddelindustriforeningen (LMI) og [VIS](#). Nettverket tar sikte på å bli en felles plattform for innovasjon og prosjektutvikling på tvers av akademiske, offentlige og private aktører, og er støttet av Norges Forskningsråd (NFR).



Latest news on immunology, stem cell treatment and cancer medicine

Biomedical Network has the pleasure of inviting you to a meeting focusing on immunology, stem cell treatment and cancer medicine. The event is a meeting place for anyone who wants to take part in the development of patient health care.

For registration, click [here](#).

16 October, 13:30, Bikuben, Haukeland Universitetssjukehus

Contact persons:

Jens Reigstad, VIS, jre@visinnovasjon.no

Marie Borg, VIS, mbo@visinnovasjon.no

About the Biomedical Network:

The Biomedical Network is a collaboration between Helse Bergen, Universitetet i Bergen (UiB), The Pharmaceutical Industry Association (LMI) and VIS. Legemiddelindustriforeningen (LMI) og [VIS](#). The collaboration aims at becoming a common platform for innovation and project development across academic, public and private institutions, and is supported by the Research Council of Norway (RCN).

Program

13:30 – 14:35	Åpning , <i>Forskningsdirektør/Førsteamanuensis Eli Renate Grüner, Helse Bergen/UiB</i> Autolog stamcellebehandling , <i>Overlege/Professor Lars Bø, Helse Bergen/UiB</i> Immunologiske preparater , <i>Arnt-Ove Hovden, Medical Affairs Lead & Medical Manager hos Boehringer Ingelheim</i> Immunterapi ved melanom , <i>Overlege/Professor Oddbjørn Straume, Helse Bergen/UiB</i> Hvilke muligheter opplever farmasøytiske firma innenfor immunologisk terapi <i>Andrey Solokov, Medical Advisor hos AbbVie</i>
14:35 – 15:05	Mingling og lett servering
15:05 – 15:50	Støtteordninger fra forskningsrådet , <i>Spesialrådgiver Rigmor Fardal, Forskningsrådet</i> NorCRINs arbeide for å bedre forholdene for kliniske utprøvningsstudier <i>Overlege Camilla Tøndel, NorCRIN/Helse Bergen</i> Pasienterfaringer fra deltakelse i kliniske utprøvningsstudier
15:50 – 16:05	Pause
16:05 – 16:35	Precision Imaging in Gynecologic Cancer , <i>Prof. I.S. Haldorsen, UiB/Helse Bergen</i> Advanced medical visualization , <i>Førsteamanuensis Noeska Smit, UiB</i> Mingling

PhD Updates

Early Stage Researcher Seminar – Andrea Lopez Moreno

Andrea is PhD-candidate in the biorecognition group under supervision of Inari Kursula.



She has recently published an article that describes the atomic details responsible for the short length of actin filaments in the malaria parasite.

Atomic view into Plasmodium actin polymerization, ATP hydrolysis, and fragmentation

Authors: Esa-Pekka Kumpula, Andrea J. Lopez, Leila Tajedin, Huijong Hana, & Inari Kursula

Journal: Plos Biology, 2019 Jun 14;17(6):e3000315. doi: 10.1371/journal.pbio.3000315

As usual, the meeting is open for all Early Stage Researchers, and there will be pizze after the seminar.

Tuesday 15 October, 3rd floor conference room, 11.30

Funding Announcements

Current funding announcements/deadlines

Horizon 2020 – European Research Council ERC Frontier research grants

- [ERC Synergy Grant](#) - for a group of **two to maximum four Principal Investigators (PIs)** working together and bringing different skills and resources to tackle ambitious research problems.
Deadline: 5 November 2019
- [ERC Consolidator Grant](#) - for researchers of any nationality with **7-12 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 who have established a research team and want to strengthen the team and their career in Europe.
Deadline: 4 February 2020.



Horizon 2020 – Marie Skłodowska Curie Actions

- Innovative Training Networks (ITN) - [MSCA-ITN-2020](#) - supports competitively selected joint research training and/or doctoral programmes.
Deadline: 9 January 2020.



European & Developing Countries Clinical Trials Partnership ([EDCTP](#))

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

- [Strategic actions supporting large-scale clinical trials \(RIA\)](#)
Deadline: 7 November
- [New drugs and vaccines for priority pathogens in antimicrobial resistance \(RIA\)](#)
Deadline: 7 November
- [Paediatric drugs formulations for poverty-related diseases \(RIA\)](#)
Deadline: 16 March 2020



[Poland-Norway Funds - the GRIEG call](#)

The GRIEG call is part of the Basic Research Programme operated by the National Science Centre under the EEA and Norway Grants and is prepared in cooperation with the Research Council of Norway.

Deadline: 28 October



Nordforsk

Interdisciplinary research projects

The proposal must address at least two of the three areas of science as used by the European Research Council: Life science; Physical Sciences & Engineering; Social Sciences and Humanities. The research project must include partners in at least three Nordic countries. Max. funding/project is NOK 15 Million.

Deadline for pre-proposal: 13 November 2019 at 13.00 CET.



Individual Fellowships and Personal Grants

European & Developing Countries Clinical Trials Partnership ([EDCTP](#))

[Career Development Fellowships 2019](#), [Preparatory Fellowships](#)

Deadline 27 November

Meltzer Foundation

- Project scholarship: [Meltzer Research Funds](#) are awarded to particularly talented students and PhD candidates at the University of Bergen. Project period: 01.04.2020 – 30.06.2021
- Travel grants: Permanent academic UiB employees can apply for [travel grants](#).

Deadline 1 December 2019



Research stay abroad for PhD-candidates and Post docs

[Fulbright scholarships to the US for Norwegian citizen](#)

PhD candidates can apply for scholarships for stays of a minimum of 4 months. **Deadline: 01 October**

UiB PhD-candidates and Post-docs funded by the Faculty of Medicine, University of Bergen, can apply for travel grants for 1-12 months. <https://www.uib.no/en/med/67056/financial-support-stays-abroad-employees-faculty#phd-candidates-with-uib-funding->

Deadline: 01 March and 01 October

[Research Council of Norway](#) Scholarship for research stays abroad for 3 -12 months for PhD candidates and Post Doctors in projects with funding from the Research Council. **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

More funding opportunities, presented by the Faculty of Medicine:

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

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

Read back issues of our newsletter on the internal pages:

Newsletter archive: <https://wiki.uib.no/biomed/index.php/Newsletter>