

Dear all,

After a long period of rebuilding, the animal facility (black zone) in 7th floor was opened this week. Access to the animal facility is through the airlock to the grey and black zone for employees from the Department of Biomedicine (IBM). Users from other units must use access through the Lab building. The air shower located in the airlock must be used to get to and from the grey/black zone. For more information, please contact operations manager Joanna Godawa Stormark, or Fellesavdelingen. Further, if you need to transport goods that cannot be carried into the air shower, contact Fellesavdelingen.

From Saturday, Feb 12th at 10:00, the government removed all regulatory measures against covid-19, including mask requirements and social distancing. Life around us is finally coming back to normal, and we can again fill our auditoriums without being concerned about the distance requirements. This is fantastic for both teachers and students, after nearly two years of restrictions.

On Wednesday next week, the Rectorate at UIB will visit our department. The leadership at IBM will present our department, with focus on possibilities and challenges the coming years regarding teaching, research, innovation, and administration.

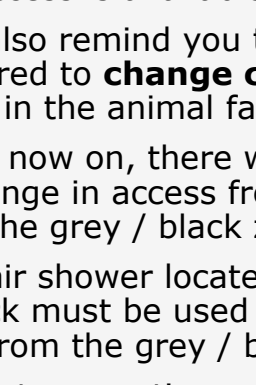
UIB have recently opened a new career centre for early-stage researchers “UIB Ferd”

UIB Ferd Career Centre supports doctoral candidates, postdoctoral fellows, researchers and associate professors. They have a range of services designed to help you develop your career within or beyond the university. I recommend everyone to look at their webpages and see their services and upcoming courses.

<https://www.uib.no/en/ferd>

Best regards

Frits



Human Resources

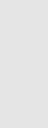
Events
for UIB employees

Benefits
for employees at UIB

Vacant positions
at the University of Bergen

We have no new employees to welcome this week.

Operations, Health, and Safety



Dyreavdelingen

(«sort sone») på BBB

åpner uke 08.

Adgang til dyreavdelingen vil bli gjennom slusen til grå og sort sone for ansatte fra Institutt for biomedisin (IBM).

Adgangen til dyreavdelingen trenger tillatelse fra driftsleder **Joanna Godawa Stormark**, og skjema for adgang fåes fra henne.

Vil også minne på at det er pålagt å skifte klær for å jobbe i dyreavdelingen.

Det vil fra nå også bli endring i tilgangen fra IBM inn til grå/sort sone.

Luftduksen som er plassert i slusen må benyttes for å komme til og fra grå/sort sone.

Ved transport av varer som ikke kan medbringes i luftduksen så kontakt Fellesavdelingen.

Brukere fra andre enheter må benytte adgang gjennom lab-bygget.



The animal facility

(“black zone”) at BBB

opens week 08.

Access to the animal facility will be through the airlock to the grey and black zone for employees from the Department of Biomedicine (IBM).

Access to the animal facility needs permission from operations manager **Joanna Godawa Stormark**, and a form for access is available from her.

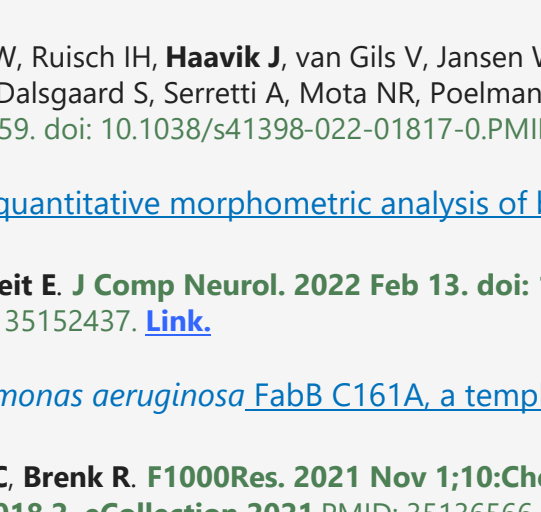
Will also remind you that it is required to **change clothes** to work in the animal facility.

From now on, there will also be a change in access from IBM into the grey / black zone.

The air shower located in the airlock must be used to get to and from the grey / black zone.

When transporting goods that can not be carried in the air shower, contact Fellesavdelingen.

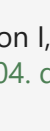
Users from other units must use access through the Lab building.





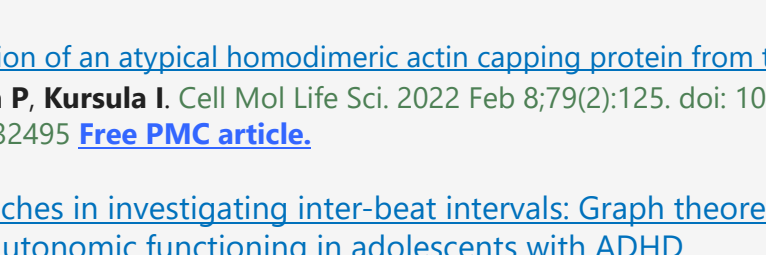
Det skal IKKE tas flytende nitrogen fra lagringstankene.

Ved behov for flytende nitrogen til forsøk eller forsendelser kan det hentes fra merkede tanker i 5.etasje rom 5B122B (sentrifugerom), eller på merket tank i 7.etasje rom 7C135cY (kjølerom)



Liquid nitrogen should NOT be taken from the storage tanks.

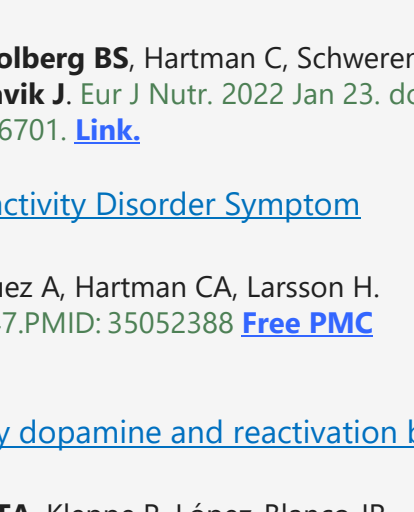
If in need of liquid nitrogen for research or shipping purposes you can retrieve it from labeled LN2 containers on the 5.th floor room 5B122B (centrifuge room) , or from a labeled container on the 7.th floor, room 7C135cY (Cold room)



Research, Science, and Seminars

Publications

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



[Activation-induced chromatin reorganization in neurons depends on HDAC1 activity.](#)
Grabowska A, Sas-Nowosielska H, Wojtas B, Holm-Kaczmarek D, Januszewicz E, Yushkevich Y, Czaban I, Trzaskoma P, Krawczyk K, Gielniewski B, Martin-Gonzalez A, Filipkowski RK, Olczynski KH, Bernas T, Szczepankiewicz AA, Sliwinski MA, **Kanhema T**, **Bramham CR**, Bokota G, Plewczynski D, Wilczynski GM, Magalska A. Cell Rep. 2022 Feb 15;38(7):110352. doi: 10.1016/j.celrep.2022.110352.PMID: 35172152 [Free article](#).

[Insulinopathies of the brain? Genetic overlap between somatic insulin-related and neuropsychiatric disorders.](#)
Fanelli G, Franke B, De Witte W, Ruisch IH, **Haavik J**, van Gils V, Jansen WJ, Vos SJB, Lind L, Buitelaar JK, Banaschewski T, Dalsgaard S, Serretti A, Mota NR, Poelmans G, Bralten J. Transl Psychiatry. 2022 Feb 14;12(1):59. doi: 10.1038/s41398-022-01817-0.PMID: 35165256 [Free article](#).

[Digital reconstruction and quantitative morphometric analysis of bipolar cells in live rat retinal slices.](#)
Fournel R, **Veruki ML**, **Hartveit E**. J Comp Neurol. 2022 Feb 13. doi: 10.1002/cne.25308. Online ahead of print.PMID: 35152437 [Link](#).

[Crystal structure of Pseudomonas aeruginosa FabB C161A, a template for structure-based design for new antibiotics.](#)
Yadrykhins'ky V, **Georgiou C**, **Brenk R**. F1000Res. 2021 Nov 1;10:Chem Inf Sci-1102. doi: 10.12688/f1000research.74018.2. eCollection 2021.PMID: 35136566 [Free PMC article](#).

[A dominant negative splice variant of the heparan sulfate biosynthesis enzyme NDST1 reduces heparan sulfate sulfation.](#)
Missaghian P, Dierker T, Ghosrabadadi E, Axling F, Eriksson I, Ghanem A, **Kusche-Gullberg M**, Kellokumpu S, Kjellen L. Glycobiology. 2022 Feb 7:cwac004. doi: 10.1093/glycob/cwac004. Online ahead of print.PMID: 35137078. [Link](#).

[Structure and function of an atypical homodimeric actin capping protein from the malaria parasite.](#)
Bendes AA, **Kursula P**, **Kursula I**. Cell Mol Life Sci. 2022 Feb 8;79(2):125. doi: 10.1007/s00018-021-04032-0.PMID: 35132435 [Free PMC article](#).

[Innovative approaches in investigating inter-beat intervals: Graph theoretical method suggests altered autonomic functioning in adolescents with ADHD.](#)
Kvadsheim E, Fasmer OB, Fasmer EE, R Hauge E, Thayer JF, Osnes B, **Haavik J**, Koenig J, Adolfsdottir S, Plessen KJ, Sørensen L. Psychophysiology. 2022 Feb 6:e14005. doi: 10.1111/psyp.14005. Online ahead of print.PMID: 35128668. [Link](#).

[Carbon Dot Therapeutic Platforms: Administration, Distribution, Metabolism, Excretion, Toxicity, and Therapeutic Potential.](#)
Truskewycz A, **Yin H**, **Halberg N**, Lai DTH, Ball AS, Truong VK, Rybicka AM, Cole I. Small. 2022 Jan 27:e2106342. doi: 10.1002/sml.202106342. Online ahead of print.PMID: 35088534 [Review](#). [Link](#).

[Association of sweetened carbonated beverage consumption during pregnancy and ADHD symptoms in the offspring: a study from the Norwegian Mother, Father and Child Cohort Study \(MoBa\).](#)
Kvalvik LG, Klungsøyr K, Igländ J, Caspersen IH, Brantsæter AL, **Solberg BS**, Hartman C, Schwereen LV, Larsson H, Li L, Forthun L, Johansson S, Arias Vasquez A, **Haavik J**. Eur J Nutr. 2022 Jan 23. doi: 10.1007/s00394-022-02798-y. Online ahead of print.PMID: 35066701. [Link](#).

[Gene-Environment Interactions in Attention-Deficit/Hyperactivity Disorder Symptom Dimensions: The Role of Unhealthy Food Habits.](#)
Li L, Taylor MJ, Bälter K, Xie T, **Solberg BS**, **Haavik J**, Arias Vázquez A, Hartman CA, Larsson H. Genes (Basel). 2021 Dec 24;13(1):47. doi: 10.3390/genes13010047.PMID: 35052388 [Free PMC article](#).

[Structural mechanism for tyrosine hydroxylase inhibition by dopamine and reactivation by Ser40 phosphorylation.](#)
Bueno-Carrasco MT, Cuéllar J, **Flydal MI**, Santiago C, **Kråknes TA**, Kleppe R, López-Blanco JR, Marcilla M, **Teigen K**, Alvira S, Chacón P, **Martínez A**, Valpuesta JM. Nat Commun. 2022 Jan 10;13(1):74. doi: 10.1038/s41467-021-27657-y.PMID: 35013133 [Free PMC article](#).

BBB SEMINARS.

BBB seminar

Herwig Schüler from the Lund University, Sweden, will give a talk entitled “A brief history of ADP-ribosylation”.

Position: Associate Professor of Structural Biology at Karolinska Institutet, Stockholm, and Associate Professor of Biochemistry at Lund University

Research field: Structural biology, protein chemistry, and medicinal chemistry of poly(ADP-ribose) polymerases (PARPs) comprising a family of enzymes that catalyze ADP-ribosylation, a posttranslational modification of proteins

Seminar focus: I will present a review of ADP-ribosylation, and then highlight some of our contributions to the field, including the elucidation of the crystal structures of several PARP enzymes and the development of selective PARP inhibitors.

Thursday, March 3, 14:30

BBB seminar

Nathalie Reuter from the University of Bergen will give a talk entitled “Life at the periphery: molecular simulations of protein-membrane encounters”.

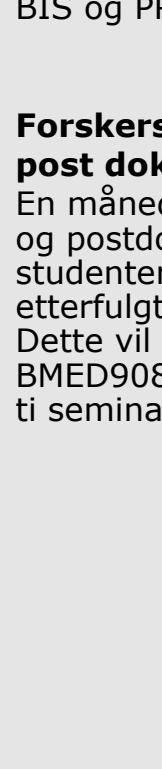
Position: Professor at the Department of Chemistry, and Head of the Computational Biology Unit (CBU), Department of Informatics

Research field: Molecular modelling and protein bioinformatics

Seminar focus: The seminar will summarize our efforts to understand interfacial protein-lipid interactions, in particular for a series of phospholipases. Our results highlight the complementarity between molecular simulations and experimental determination of protein-membrane affinity.

Thursday, March 10, 14:30

PhD updates



BiotechFRANCE 2022

15-17 June 2022, Paris - France

The 5th ed. of Biotech France 2022 International Conference and Exhibition

The aim of this conference is to foster the exchange of knowledge, experiences and ideas among scientists, academics, students, industry representatives and other professionals interested in biotechnology; and works to develop synergies and relationships that further advance the field. It will provide an excellent opportunity to all participants to establish networks, to share ideas and to form partnerships with biotechnology-based private sectors, equipment manufacturers, technology providers, and biotechnology associations, research institutes, universities, biotechnologists and biotechnology students.

[Information and registration.](#)

Abstract Submission Deadline March 25, 2022

Conference Registration Deadline March 06, 2022



Marie Spångberg-prisen

er opprettet av landstyre i forbindelse med 100-årsjubileet i 1993 for den første kvinnelige lege, Marie Spångberg.

Formålet med prisen er å stimulere kvinnelige legers vitenskapelige innsats. Prisen er på kr 30 000. Prisen kan tildeles kvinnelige leger for den mest verdifulle vitenskapelige originalartikkel i norsk eller internasjonalt tidsskrift. Artikkel skal være publisert i 2021. Den som får prisen skal enten være enoforfatter eller førsteforfatter. Søknad kan sendes på egne vegne eller på vegne av andre kandidater.

[Informasjon og søknad.](#)

Frist for søknad er 1. mars.



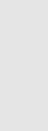
The Marie Spångberg Prize was established by the national board in connection with the 100th anniversary in 1993 for the first female doctor, Marie Spångberg.

The purpose of the award is to stimulate the scientific efforts of female doctors. The prize is NOK 30,000. The prize can be awarded to female doctors for the most valuable scientific original article in a Norwegian or international journal. The article must be published in 2021. The recipient of the award must be either the sole author or the first author. Applications can be sent on your own behalf or on behalf of other candidates.

[Information and application.](#)

The deadline for applications is March 1.





Bergen Biomedisinske Forskerskole starter opp igjen!

Første samling blir **tirsdag 15. mars 14.00-15.00** i seminarrommet i 7. etasje på BBB (rom 7A132aY), med informasjon og planlegging. Alle stipendiater og postdoktorer, uavhengig av tidligere tilknytning til forskerskolen, er hjertelig velkommen!

Planlagte aktiviteter knyttet til forskerskolen:

Introduksjonsseminar for nye stipendiater
Et kort veiledningsseminar for alle nye stipendiater, inkludert omvisninger ved instituttets teknologiplatformer: MIC, BIS og PROBE.

Forskerseminar for stipendiater og postdoktorer
En månedlig møteplass for stipendiater og postdoktorer, der en eller flere studenter presenterer sitt arbeid, etterfulgt av lette samtaler med lunsj. Dette vil inngå som en del av PhD-faget BMED908, hvor deltakelse på tilsammen ti seminarer vil gi ett studiepoeng.



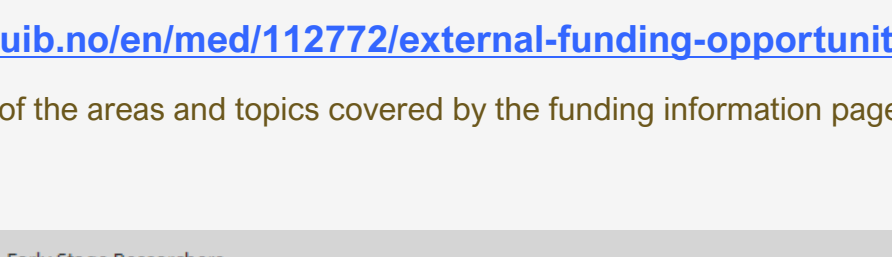
Bergen Biomedical Research School starts up again!

The first meeting will be on **Tuesday 15 March 14:00-15:00** in the seminar room on the 7th floor of BBB (room 7A132aY), with information and planning. All PhD students and postdoctoral fellows, regardless of previous affiliation with the graduate school, are most welcome!

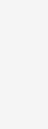
Planned activities related to the graduate school:

Introductory seminar for new PhD students
A short guidance seminar for all new PhD students, including guided tours of the department's technology platforms: MIC, BIS and PROBE.

Research seminar for fellows and postdocs
A monthly meeting place for PhD students and postdocs, where one or more students present their work, followed by light conversations with lunch. This will be included as part of the PhD subject BMED908, where participation in a total of ten seminars will give one credit.



Academic Affairs

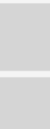


Datahåndteringsplan Workshop

Norsk forskningsråd og EUs rammeprogram Horisont 2020 stiller krav om at prosjekt må ha en datahåndteringsplan.

Det er en plan for hvordan data skal samles inn, håndteres og gjøres tilgjengelige, både underveis og etter prosjektslutt.

Freitag 11. mars 10.00–14.00

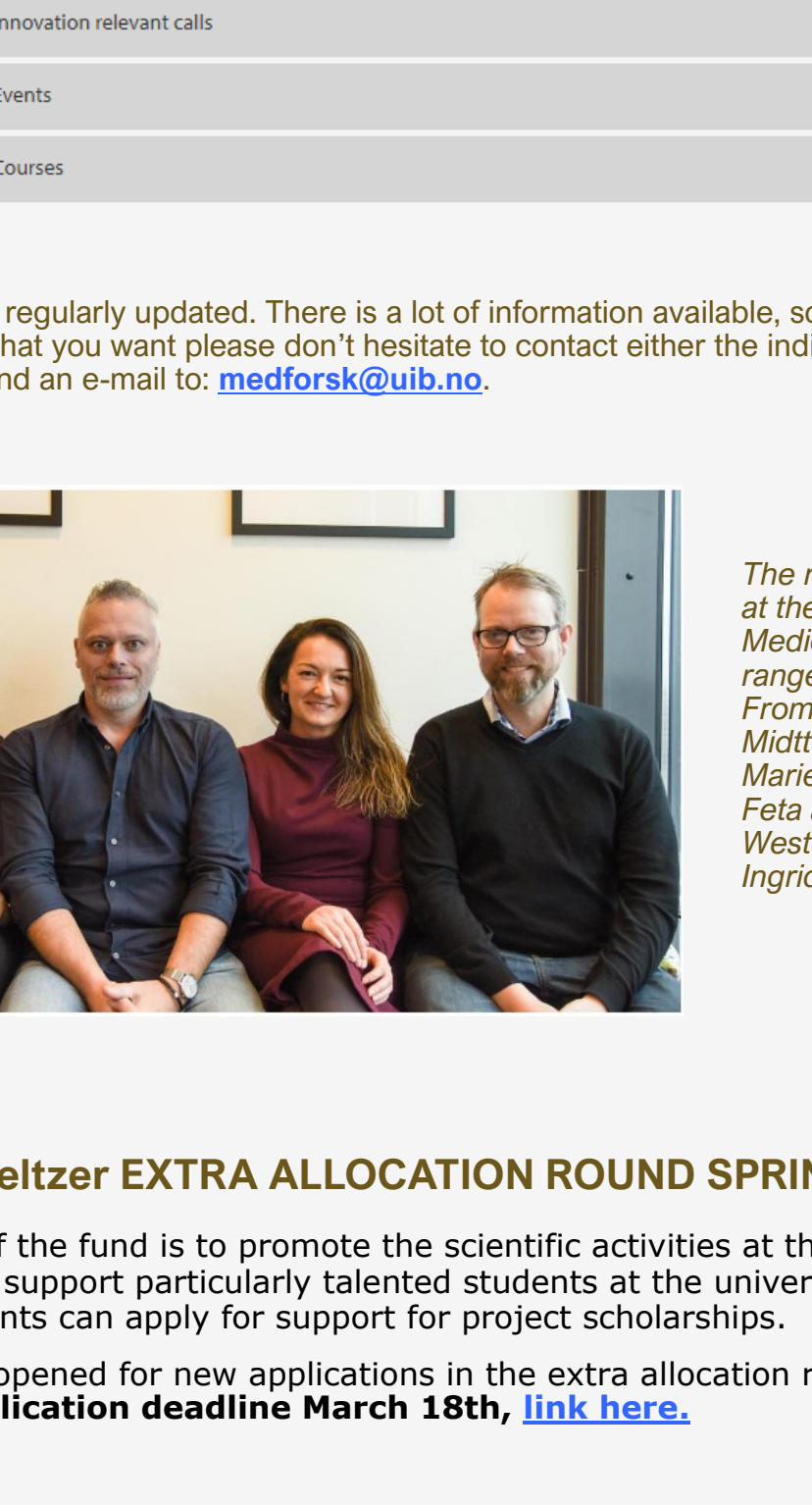


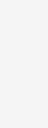
Data Management Plan workshop

The Norwegian Research Council and Horizon 2020 require projects to submit a data management plan (DMP).

A data management plan describes how data in a research project will be collected, processed and made available.

Friday 11. March 10:00–14:00





Forsknings- og utdanningsamarbeid med USA/UC Berkeley

Interessert i forsknings- og utdanningsamarbeid med UC Berkeley eller USA generelt? UIB inviterer til seminar for å vise hvilke muligheter som finnes for deg som ønsker å samarbeide med et av verdens aller beste universiteter.

UIB inviterer alle med interesse for forsknings- og utdanningsamarbeid med UC Berkeley og USA generelt, til seminar på Litteraturhuset i Bergen. Her kan du møte andre forskere med tilknytning til Berkeley, høre mer om ulike finansieringsmuligheter og eksempler fra vellykkede samarbeid.

Det blir servert lunsj til alle påmeldte.

[Informasjon og påmelding.](#)

Litteraturhuset i Bergen

Mandag 14 mars, 11.00–13.30



Research and education collaboration with USA / UC Berkeley

Interested in research and education collaborations with UC Berkeley or the United States in general? UIB invites to seminars to show what opportunities exist for you who want to collaborate with one of the world's very best universities.

UIB invites everyone with an interest in research and educational collaboration with UC Berkeley and the USA in general, to a seminar at the Litteraturhuset in Bergen. Here you can meet other researchers associated with Berkeley, hear more about various funding opportunities and examples from successful collaborations.

Lunch will be served to all participants.

[Information and registration.](#)

Litteraturhuset i Bergen

Monday March 14. 11:00-13:30

