The Department of Biomedicine
Newsletter
Issue 13/21
20 August 2021

Dear colleagues,

Time is flying… Four years ago, I started my term as head of the Department which now comes to an end. It has been a challenging, but most of all, an exciting experience, at least for me 😉. I am deeply grateful for the constructive, friendly and positive atmosphere that all employees contributed to. This attitude has been an enormous motivation to do my part for a successful development of the Department. Naturally, there are always problems and disagreements in the daily affairs of a large department as ours. Nevertheless, our Department stands out as a unit of dedicated, supportive colleagues that contribute their share to overcome hurdles, take on new challenges and move forward. There have been countless occasions when I needed to ask for advice and help, and I do not remember a single occasion when I couldn't count on your support!

The selfless and enthusiastic collaboration within the leader team and task force (ibm.beredskap) must be highlighted here as having been instrumental to secure efficient workflows and routines, top quality teaching, adequate decision making and, not least, providing a safe workplace. I am confident that we will come out of the pandemic strengthened in various aspects, despite all the difficulties it involved.

Carrying out the duty of head of department is a learning experience for all sides. I learned a lot - about you and from you, and a great deal about myself, too. An important lesson has been that there is, indeed, always a solution to improve things. Finding it is more successful when regarding it as a challenge, rather than as stressful.

Perhaps, one of the most profound impressions is the realization what a strong and diverse, incredibly competent and dedicated scientific environment our department has to offer. It has made me a very proud leader of this institute! Now, I look forward to contributing with my research to further develop this environment in the years to come.

I hand over the conductor's baton to Frode, whom I wish all the very best for this responsible duty.

Vennlig hilsen,

Matthias

Human Resources

Events for UiB employees	**Benefits** for employees at UiB	**Vacant positions** at the University of Bergen

We welcome these new employees:

Emmanuel Moutoussamy has stated in a temporary position as researcher in the lab of James Lorens (Cellnet group) on 28 June.

Lene Øygarden starts in a temporary position as staff egineer in the Section for Academic Affairs on 18 August.

Kristianne Havsgård has started in a permanent position as financial officer on 18 August.

Maria Tveitarås starts as a PhD candidate in the Cellular Networks Group with Linda Stuhr as supervisor, on 01 September.

Peder August Lillebostad starts as a PhD candidate n the Neural Networks Group with Arvid Lundervold as supervisor, on 01 September.

We say goodbye to this employee:

Saifon Maneesai
has been financial officer and will leave on 31 August.

Operations, Health, and Safety

Budsjett 2021 for Institutt for biomedisin

Behandlet av instituttrådet.

BUDSJETT 2021 (PDF)

Merk: instituttet har utsatt frist for søknad om EVU-midler for teknisk- og administrativ ansatte til

31. august 2021

Budget 2021 for the Department of Biomedicine

(in Norwegian)

BUDGET 2021 (PDF)

Note: technical and administrative staff can apply for funds to support continuing education activities.

The deadline is extended to 31. August 2021

Håndsprit og munnbinn

Dersom noen ønsker håndsprit eller munnbind til gruppen/avdelingen, ta gjerne kontakt med Fellesavdelingen (Merk at det ikke er påbudt å bruke munnbind på instituttet nå).

Disinfectant and face masks

If you want to have hand sanitizer or face mask for the group, please contact the technical support division, fellesavdelingen (note that it is currently not mandatory to wear face masks at the Department).

Research, Science, and Seminars

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.

AXL Inhibition Represents a Novel Therapeutic Approach in *BCR-ABL* Negative Myeloproliferative Neoplasms.
Beitzen-Heineke A, Berenbrok N, Waizenegger J, Paesler S, Gensch V, Udonta F, Vargas Delgado ME, Engelmann J, Hoffmann F, Schafhausen P, von Amsberg G, Riecken K, Beumer N, Imbusch CD, **Lorens J**, Fischer T, Pantel K, Bokemeyer C, Ben-Batalla I, Loges S.
Hemasphere. 2021 Aug 11;5(9):e630

Familial co-aggregation of attention-deficit/hyperactivity disorder and autoimmune diseases: a cohort study based on Swedish population-wide registers.
Hegvik TA, Chen Q, Kuja-Halkola R, Klungsøyr K, Butwicka A, Lichtenstein P, Almqvist C, Faraone SV, **Haavik J,** Larsson H.
Int J Epidemiol. 2021 Aug 11:dyab151

Naa12 compensates for *Naa10* in mice in the amino-terminal acetylation pathway.
Kweon HY, Lee MN, Dorfel M, Seo S, Gottlieb L, PaPazyan T, **McTiernan N, Ree R**, Bolton D, Garcia A, Flory M, Crain J, Sebold A, Lyons S, Ismail A, Marchi E, Sonn SK, Jeong SJ, Jeon S, Ju S, Conway SJ, Kim T, Kim HS, Lee C, Roh TY, **Arnesen T,** Marmorstein R, Oh G, Lyon GJ.
Elife. 2021 Aug 6;10:e65952.

Selectivity of the collagen-binding integrin inhibitors, TC-I-15 and Obtustatin
Hunter EJ, Hamaia SW, **Gullberg D**, Malcor JD, Farndale RW.
Toxicol Appl Pharmacol. 2021 Aug 4:115669

Annexin A2 binds the internal ribosomal entry site of c-*myc* mRNA and regulates its translation.
Strand E, Hollås H, **Sakya SA, Romanyuk S, Saraste MEV, Grindheim AK, Patil SS, Vedeler A.**
RNA Biol. 2021 Aug 4:1-18

Instability in NAD^+ metabolism leads to impaired cardiac mitochondrial function and communication.
Lauritzen KH, Olsen MB, Ahmed MS, Yang K, Rinholm JE, Bergersen LH, Esbensen QY, **Sverkeli LJ, Ziegler M**, Attramadal H, Halvorsen B, Aukrust P,

Yndestad A.
Elife. 2021 Aug 3;10:e59828.

Genetic association study of childhood aggression across raters, instruments, and age.
Ip HF, van der Laan CM, Krapohl EML, Brikell I, Sánchez-Mora C, Nolte IM, St Pourcain B, Bolhuis K, Palviainen T, Zafarmand H, Colodro-Conde L, Gordon S, **Zayats T,** Aliev F, Jiang C, Wang CA, Saunders G, Karhunen V, Hammerschlag AR, Adkins DE, Border R, Peterson RE, Prinz JA, Thiering E, Seppälä I, Vilor-Tejedor N, Ahluwalia TS, Day FR, Hottenga JJ, Allegrini AG, Rimfeld K, Chen Q, Lu Y, Martin J, Soler Artigas M, Rovira P, Bosch R, Español G, Ramos Quiroga JA, Neumann A, Ensink J, Grasby K, Morosoli JJ, Tong X, Marrington S, Middeldorp C, Scott JG, Vinkhuyzen A, Shabalin AA, Corley R, Evans LM, Sugden K, Alemany S, Sass L, Vinding R, Ruth K, Tyrrell J, Davies GE, Ehli EA, Hagenbeek FA, De Zeeuw E, Van Beijsterveldt TCEM, Larsson H, Snieder H, Verhulst FC, Amin N, Whipp AM, Korhonen T, Vuoksimaa E, Rose RJ, Uitterlinden AG, Heath AC, Madden P, **Haavik J**, Harris JR, Helgeland Ø, **Johansson S**, Knudsen GPS, Njolstad PR, Lu Q, Rodriguez A, Henders AK, Mamun A, Najman JM, Brown S, Hopfer C, Krauter K, Reynolds C, Smolen A, Stallings M, Wadsworth S, Wall TL, Silberg JL, Miller A, Keltikangas-Järvinen L, Hakulinen C, Pulkki-Råback L, Havdahl A, Magnus P, Raitakari OT, Perry JRB, Llop S, Lopez-Espinosa MJ, Bønnelykke K, Bisgaard H, Sunyer J, Lehtimäki T, Arseneault L, Standl M, Heinrich J, Boden J, Pearson J, Horwood LJ, Kennedy M, Poulton R, Eaves LJ, Maes HH, Hewitt J, Copeland WE, Costello EJ, Williams GM, Wray N, Järvelin MR, McGue M, Iacono W, Caspi A, Moffitt TE, Whitehouse A, Pennell CE, Klump KL, Burt SA, Dick DM, Reichborn-Kjennerud T, Martin NG, Medland SE, Vrijkotte T, Kaprio J, Tiemeier H, Davey Smith G, Hartman CA, Oldehinkel AJ, Casas M, Ribasés M, Lichtenstein P, Lundström S, Plomin R, Bartels M, Nivard MG, Boomsma DI.
Transl Psychiatry. 2021 Jul 30;11(1):413

ADP-ribosyltransferases, an update on function and nomenclature.
Lüscher B, Ahel I, Altmeyer M, Ashworth A, Bai P, Chang P, Cohen M, Corda D, Dantzer F, Daugherty MD, Dawson TM, Dawson VL, Deindl S, Fehr AR, Feijs KLH, Filippov DV, Gagné JP, Grimaldi G, Guettler S, Hoch NC, Hottiger MO, Korn P, Kraus WL, Ladurner A, Lehtiö L, Leung AKL, Lord CJ, Mangerich A, Matic I, Matthews J, Moldovan GL, Moss J, Natoli G, Nielsen ML, Niepel M, Nolte F, Pascal J, Paschal BM, Pawłowski K, Poirier GG, Smith S, Timinszky G, Wang ZQ, Yélamos J, Yu X, Zaja R, **Ziegler M.**
FEBS J. 2021 Jul 29, review
DrugPred_RNA-A Tool for Structure-Based Druggability Predictions for RNA Binding Sites.
Rekand IH, Brenk R.
J Chem Inf Model. 2021 Jul 21

Comparing Tumor Cell Invasion and Myeloid Cell Composition in Compatible Primary and Relapsing Glioblastoma.
Zhao D, Zhang H, Uyar R, **Hossain JA, Miletic H**, Tonn JC, Glass R, Kälin RE.
Cancers (Basel). 2021 Jul 20;13(14):3636

Enzymatic and Chemical Syntheses of Vacor Analogs of Nicotinamide Riboside, NMN and NAD.
Sverkeli LJ, Hayat F, Migaud ME, **Ziegler M**.
Biomolecules. 2021 Jul 16;11(7):1044.

Precise editing of FGFR3-TACC3 fusion genes with CRISPR-Cas13a provides a personalized therapeutic strategy for the treatment of human glioblastoma.
Wu Y, Jin W, Wang Q, Zhou J, Wang Y, Tan Y, Cui X, Tong F, Yang E, **Wang J**, Kang C.
Mol Ther. 2021 Jul 15:S1525-0016(21)00356

Pathomechanisms and possible interventions in myalgic encephalomyelitis/ chronic fatigue syndrome (ME/CFS).
Fluge Ø, **Tronstad KJ**, Mella O.
J Clin Invest. 2021 Jul 15;131(14):e150377, viewpoint

Synthetic corticosteroids as tryptophan hydroxylase stabilizers.
Betari N, Teigen K, Sahlholm K, **Haavik J**.
Future Med Chem. 2021 Sep;13(17):1465-1474.

Skin Sodium Accumulates in Psoriasis and Reflects Disease Severity.
Maifeld A, Wild J, **Karlsen TV**, Rakova N, Wistorf E, Linz P, Jung R, Birukov A, Gimenez-Rivera VA, Wilck N, Bartolomaeus T, Dechend R, Kleinewietfeld M, Forslund SK, Krause A, Kokolakis G, Philipp S, Clausen BE, Brand A, Waisman A, Kurschus FC, Wegner J, Schultheis M, Luft FC, Boschmann M, Kelm M, **Wiig H,** Kuehne T, Müller DN, Karbach S, Markó L.
J Invest Dermatol. 2021 Jul 6:S0022-202X(21)01423-8.

Missense NAA20 variants impairing the NatB protein N-terminal acetyltransferase cause autosomal recessive developmental delay, intellectual disability, and microcephaly.
Morrison J, Altuwaijri NK, **Brønstad K, Aksnes H**, Alsaif HS, Evans A, Hashem M, Wheeler PG, Webb BD, Alkuraya FS, **Arnesen T.**
Genet Med. 2021 Jul 6

Elevated body weight modulates subcortical volume change and associated clinical response following electroconvulsive therapy.
Opel N, Narr KL, Abbott C, Argyelan M, Espinoza R, Emsell L, Bouckaert F, Sienaert P, Vandenbulcke M, Nordanskog P, Repple J, Kavakbasi E, Jorgensen MB, Paulson OB, Hanson LG, Dols A, van Exel E, Oudega ML, Takamiya A, Kishimoto T, Ousdal OT, **Haavik J**, Hammar Å, Oedegaard KJ, Kessler U, Bartsch H, Dale AM, Baune BT, Dannlowski U, Oltedal L, Redlich R.
J Psychiatry Neurosci. 2021 Jul 5;46(4):E418-E426.

Axl-inhibitor bemcentinib alleviates mitochondrial dysfunction in the unilateral ureter obstruction murine model.
Hoel A, Osman T, **Hoel F,** Elsaid H, Chen T, Landolt L, Babickova J, **Tronstad KJ, Lorens JB**, Gausdal G, Marti HP, Furriol J.J Cell Mol Med. 2021 Aug;25 (15):7407-7417.

Morphological properties of the axon initial segment-like process of AII amacrine cells in the rat retina.
Liu JH, Singh JB, Veruki ML, Hartveit E.
J Comp Neurol. 2021 Jul 4

Exosomal miR-1246 from glioma patient body fluids drives the differentiation and activation of myeloid-derived suppressor cells.
Qiu W, Guo X, Li B, Wang J, Qi Y, Chen Z, Zhao R, Deng L, Qian M, Wang S, Zhang Z, Guo Q, Zhang S, Pan Z, Zhao S, Xue H, Li G.
Mol Ther. 2021 Jul 1:S1525-0016(21)00353-1

Turning strength into weakness: protein degradation and autophagy as therapeutic targets in glioblastoma?

Niclou SP, Golebiewska A.
Neuro Oncol. 2021 Jul 1;23(7):1041-1043, editorial

Total coronary atherosclerotic plaque burden is associated with myocardial ischemia in non-obstructive coronary artery disease.
Eskerud I, Gerdts E, Larsen TH, Simon J, Maurovich-Horvat P, Lønnebakken MT.
Int J Cardiol Heart Vasc. 2021 Jun 30;35:100831

An Experimental Toolbox for Structure-Based Hit Discovery for P. aeruginosa FabF, a Promising Target for Antibiotics.
Espeland LO, Georgiou C, Klein R, Bhukya H, Haug BE, Underhaug J, Mainkar PS, **Brenk R**.
ChemMedChem. 2021 Jun 29.

Different glutamate sources and endogenous co-agonists activate extrasynaptic NMDA receptors on amacrine cells of the rod pathway microcircuit.
Beltrán-Matas P, Hartveit E, Veruki ML.
Eur J Neurosci. 2021 Jul;54(2):4456-4474.

Oncolytic H-1 parvovirus binds to sialic acid on laminins for cell attachment and entry.
Kulkarni A, Ferreira T, Bretscher C, Grewenig A, El-Andaloussi N, Bonifati S, Marttila T, Palissot V, **Hossain JA,** Azuaje F, **Miletic H**, **Ystaas LAR**, Golebiewska A, Niclou SP, Roeth R, Niesler B, Weiss A, Brino L, Marchini A.
Nat Commun. 2021 Jun 22;12(1):3834
Human myelin protein P2: from crystallography to time-lapse membrane imaging and neuropathy-associated variants.
Uusitalo M, Klenow MB, Laulumaa S, Blakeley MP, Simonsen AC, Ruskamo S, **Kursula P.**
FEBS J. 2021 Jun 17.

Welcome to the Family: Identification of the NAD^+ Transporter of Animal Mitochondria as Member of the Solute Carrier Family SLC25.
Ziegler M, Monné M, Nikiforov A, Agrimi G, Heiland I, Palmieri F.
Biomolecules. 2021 Jun 14;11(6):880.

Investigating the Disordered and Membrane-Active Peptide A-Cage-C Using Conformational Ensembles.
Dobrovolska O, **Strømland Ø**, Handegård ØS, Jakubec M, Govasli ML, Skjevik ÅA, Frøystein NÅ, **Teigen K**, Halskau Ø.
Molecules. 2021 Jun 12;26(12):3607.

Inhibition of the Human Hsc70 System by Small Ligands as a Potential Anticancer Approach.
Dublang L, **Underhaug J, Flydal MI**, Velasco-Carneros L, Maréchal JD, Moro F, Boyano MD, **Martinez A**, Muga A.
Cancers (Basel). 2021 Jun 11;13(12):2936

Small-angle X-ray scattering for the proteomics community: current overview and future potential.
Kursula P.
Expert Rev Proteomics. 2021 Jun;18(6):415-422.

Genetic Dominant Variants in *STUB1*, Segregating in Families with SCA48,

Display In Vitro Functional Impairments Indistinctive from Recessive Variants Associated with SCAR16.
Pakdaman Y, Berland S, **Bustad HJ**, Erdal S, Thompson BA, James PA, Power KN, Ellingsen S, Krooni M, Berge LI, Sexton A, Bindoff LA, Knappskog PM, Johansson S, Aukrust I.Int J Mol Sci. 2021 May 30;22(11):5870.

Diet, Physical Activity, and Disinhibition in Middle-Aged and Older Adults: A UK Biobank Study.
Schweren LJS, van Rooij D, Shi H, Larsson H, Arias-Vasquez A, Li L, **Grimstvedt Kvalvik L, Haavik J,** Buitelaar J, Hartman C.
Nutrients. 2021 May 11;13(5):1607.

New prodrugs and analogs of the phenazine 5,10-dioxide natural products iodinin and myxin promote selective cytotoxicity towards human acute myeloid leukemia cells.
Viktorsson EÖ, Aesoy R, Støa S, Lekve V, **Døskeland SO**, Herfindal L, Rongved P.
RSC Med Chem. 2021 Apr 19;12(5):767-778

BBB SEMINARS.

CCBIO webinar

Hege F. Berg from the Department of Clinical Science, University of Bergen, will give a talk entitled "Endometrial cancer model systems to improve treatment".

Position: PhD candidate in the group of Camilla Krakstad

Research field: Preclinical models for endometrial cancer

Main achievement: Established a collection of patient-derived endometrial cancer organoids and organoid-based xenograft models

Motivation: Organoid models have proven to be highly useful in cancer research and models have been established from several cancer types. This seminar presents our recent work to establish genetically stable models from all types of endometrial cancer. The work was recently published in Nature Communications Medicine (https://rdcu.be/cqT0a).

Thursday, August 26, 14.30, online

BBB seminar

Johan Björkegren from the Icahn School of Medicine at Mt Sinai, NY, USA, and Karolinska Institutet, Stockholm, Sweden, will give a talk entitled "An integrated systems network approach reveals major adipose-to-liver endocrine signalling in cardiometabolic and coronary artery disease".

Position: Professor in Genetics and Genomic Sciences

Research field: Focusing on cardiovascular diseases, the goal is to use multi-modal big data analysis to create reliable network models of human biology and disease. Network models have enormous potential to improve our ability to predict disease risk, identify new therapeutic targets, and to monitor molecular effects of treatments.

Main achievement: Founder of Clinical Gene Networks AB, the first Bio-IT company in Sweden, exploring "clinical" networks to generate the next generation of diagnostics and therapies

Motivation: The seminar will explain why a common complex disease such as coronary artery disease cannot be understood nor cured by targeting isolated genes, and the focus needs to be on molecular disease processes mirrored by regulatory-gene networks that capture the combined effects of many genetic and environmental risk factors.

Thursday, September 2, 14.30, Auditorium 1 and online

SANORD Conference

*Høgskolen på Vestlandet og Universitetet i Bergen er vertskap for årets heldigitale SANORD Conference 7-10 September 2021: «**Vitalizing partnerships - Moving forward to a sustainable future**».*

Registrer deg som deltaker (gratis!) på konferansens nettside.

Programmet (plenumsesjoner, tematiske parallellsesjoner, keynotes, presentasjoner m.m.) finner du på konferansens nettside: https://www.hvl.no/en/research/conference/sanord-2021/

SANORD – *Southern African-Nordic Centre* – er et nettverk av 52 universiteter og høyere utdanningsinstitusjoner i det sørlige Afrika og i Norden. UiB var med på å etablere SANORD i 2007 og har vært en drivkraft i utviklingen av det akademiske samarbeidet mellom SANORD partnerne siden.

7-10 September 2021, digital

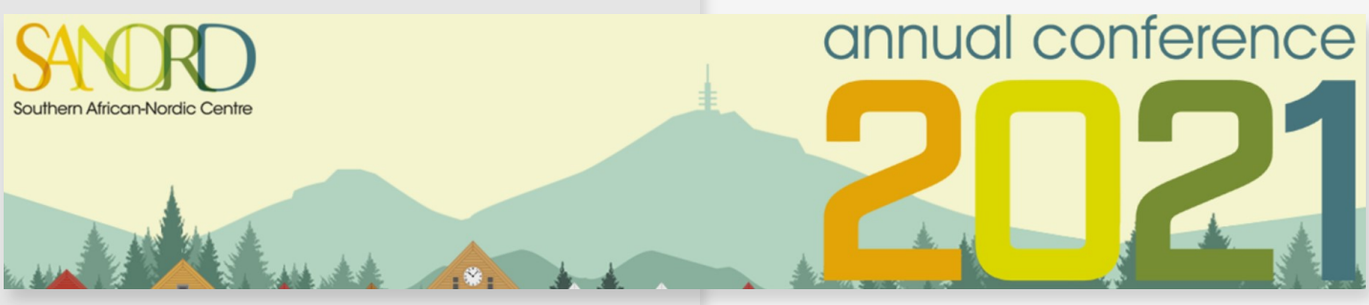
SANORD Conference

*The Western Norway University of Applied Studies and the University of Bergen are hosting this year's all-digital SANORD Conference, 07-10 September 2021: «**Vitalizing partnerships - Moving forward to a sustainable future**».*

Register as participant at the conference web page. The program (plenum session, thematic parallel sessions, keynotes, presentations, etc.) can also be found there: https://www.hvl.no/en/research/conference/sanord-2021/

SANORD - Southern African-Nordic Centre - is a network of 52 universities and higher learning institutions in south of Africa and the Nordic countries. UiB was instrumental in establishing SANORD in 2007, and has been a driving force for the academic collaboration between the SANORD partners .

7-10 September 2021, digital



Plastnettverket

Plastics network

Plastnettverket ved UiB samler fagmiljøene på tvers av alle fakulteter for å jobbe med problematikken rundt plastforurensing.

Fokus ligger i plast i havet. Plastnettverket vil bidra inn mot universitetet sitt arbeid med FNs bærekraftmål 14, Liv under vann, hvor plastforurensing er et viktig tema.

Kjernespørsmål handler om tilstedeværelse, spredning og effekter av plast og mikroplast, samt den medisinske, juridiske og samfunnsvitenskapelige forskningen omkring plastproblematikken.

Utdanning, forskning og innovasjon skal bidra til problemløsning. Bredden av universitetet sine fagområder vil bidra med forskningsbasert kunnskap om alt fra påvirkning på marine organismer og økosystemer, helsemessige konsekvenser til ny teknologi og juridiske problemstillinger globalt.

Plastnettverket vil være en arena for å kommunisere og dele relevant informasjon, og en møteplass i form av workshops og seminarer der vi kan skape gode diskusjoner omkring plastproblematikken. Du kan møte Plastnettverket på Folkefest på Marineholmen 18 september.

Alle forskere, studenter og andre ansatte som er interessert i plastproblematikken er velkomne til nettverket. Ta kontakt med Odd André Karlsen eller Susanna Pakkasmaa!

The plastics network at UiB brings together the academic communities across all faculties to work with the problems surrounding plastic pollution.

The focus is on plastic in the sea. The plastics network will contribute to the university's work with the UN's sustainability goal 14, Life under water, where plastic pollution is an important topic.

Core questions regard the presence, spread and effects of plastic and microplastics, as well as the medical, legal and social science research on the plastic problem.

Education, research and innovation will contribute to problem solving. The breadth of the university's subject areas will contribute research-based knowledge on everything from impacts on marine organisms and ecosystems, health consequences to new technology and legal issues globally.

The plastics network will be an arena for communicating and sharing relevant information, and a meeting place in the form of workshops and seminars where we can create good discussions about the plastics issue. You can meet the Plastnettverket at Folkefest on Marineholmen 18 September.

All researchers, students and other employees who are interested in the plastic problem are welcome to the network. Contact Odd André Karlsen or Susanna Pakkasmaa.

Biblioteket tilbyr følgende kurs høsten 2021

Kursene er planlagt å holdes digitalt og fysisk i biblioteket

Kursene er fortrinnsvis for ansatte og stipendiater. De fleste studenter får bibliotekkurs som en del av sin studieplan. Dersom ikke det er tilfelle kan de melde seg på disse kursene.

Kursdatoer, påmelding og mer informasjon finnes på https://www.uib.no/ub/126018/kurs-og-veiledning#kurs-med-p-melding

Litt mer om kursene:

Introduksjon til EndNote:

I kurset lærer du å bygge opp et EndNote-bibliotek og lage en referanseliste i Word. Kurset består av korte demonstrasjoner og praktiske øvelser. Kurset dekker: Lage et EndNote-bibliotek, importere referanser, manuell innlegging, lage grupper, finne fulltekst, sette inn referanser i en tekst, lage og formatere en litteraturliste.

Introduksjon i Zotero (in English):

Zotero is a free referencing tool. The Zotero browser extension (Zotero Connector) can export references from web pages, search engines and reference databases. This course should allow you to get started with Zotero for collecting references and generating citations/reference lists.

Søkekurs i PubMed og Embase:

Alle bruker PubMed, men med litt ekstra kunnskap kan du gjøre mer effektive søk. I kurset viser vi for eksempel hvordan du kan bruke emneordene MeSH, eller utnytte filtre i Clinical queries. Embase er den andre store medisinske artikkeldatabasen som dekker en del andre tidsskrifter enn PubMed/Medline. Den er derfor et viktig supplement til Medline, for å få et bedre overblikk over fagets litteratur.

The medical library offers courses in autumn 2021

We plan to hold the courses digitally or physically.

The courses are mainly for employees and PhD candidates at the Faculty of Medicine and for employees at Helse Bergen. Courses for students are normally given as a part of their study program.

Dates, registration and more information can be found on the library's web page:

Courses in English: https://www.uib.no/en/ub/128609/courses-and-guidance#courses-requiring-registration

Courses in Norwegian: https://www.uib.no/ub/126018/kurs-og-veiledning#kurs-med-p-melding

Short description:

Introduction to EndNote:

EndNote is a tool for managing references. The course covers how to build your own EndNote database, how to use references from EndNote in the writing process with Word, formatting the text and generating literature lists. Other functionalities like grouping, removing duplicates, and importing full text will also be covered.

Introduction to Zotero:

Zotero is a free referencing tool. The Zotero browser extension (Zotero Connector) can export references from web pages, search engines and reference databases. This course should allow you to get started with Zotero for collecting references and generating citations/reference lists.

Searching in PubMed and Embase:

Everyone can use PubMed. However,

Introduksjon til systematiske oversikter:

Kurset gir en introduksjon i temaet systematiske oversikter. Vi gjennomgår ulike databaser for å finne systematiske oversikter, og prosessen å selv utføre en systematisk oversikt som å skrive en protokoll, forberedelser til søking, tips og verktøy for datahåndtering og kvalitetsvurdering, og rapportering. Vi gir også informasjon om hvilken hjelp og støtte biblioteket kan gi i arbeidet med systematiske oversikter.

with some extra knowledge you can search more efficiently. In the course we demonstrate the use of subject headings MeSH, and the use of filters for quick limiting to clinical queries like diagnostic studies, or intervention studies. Embase is another important medical database which covers a number of different journals than PubMed/Medline. Therefore, it is a valuable supplement to Medline, if you want to get a better overview over the literature within your subject.

Introduction to systematic reviews:

The course gives an introduction to systematic reviews. The library presents several databases for finding systematic reviews, and gives an overview over the process of doing your own systematic review: write a protocol, prepare the search, data management, quality appraisal, and guidelines for reporting. We also inform about the role of the library in the different phases of the work with a systematic review.

Prisvinnere Fakultetets dag 2021

Her er vinnerne av fakultetets undervisnings- og forskningspriser for 2020 som deles ut på Fakultetets dag 2021 i oktober

Undervisningspriser:

- Monika Kvernenes v/ Enhet for læring, fakultetsadministrasjonen
- Institutt for klinisk odontologi
- Forskningsgruppen «Endokrin medisin» (Endopodden) – Klinisk institutt 2

Forskningspriser:

- Årets publikasjon - Elaheh Mahootchi og Jan Haavik – Institutt for biomedisin

Winners of the Faculty awards

Here are the winners of the faculty's teaching and research prizes for 2020, which will be awarded on the faculty's day 2021 in October.

Teaching awards:

- Monika Kvernenes v / Unit for learning, faculty administration
- Department of Clinical Dentistry
- The research group «Endocrine medicine» (Endopodden) - Department of clinical medicine

Research awards:

- Best paper - Elaheh Mahootchi and Jan Haavik - Department of

- Årets ph.d.-arbeid - Siddarth Shanbhag – Institutt for klinisk odontologi og Nicolas Pejovic – Institutt for global helse og samfunnsmedisin
- Formidlingsprisen – Ole Fritjof Norheim - Institutt for global helse og samfunnsmedisin
- Årets forsknings-/innovasjonsmiljø - Forskningsgruppen «Hypertensjon og hjertedynamikk / Senter for forskning på hjertesykdom hos kvinner» med leder Eva Gerdts – Klinisk institutt 2

Biomedicine

- Best thesis - Siddarth Shanbhag - Department of Clinical Dentistry and Nicolas Pejovic - Department of Global Public Health and Primary Care
- Communication Award - Ole Fritjof Norheim - Department of Global Public Health and Primary Care
- Best researchg group - The research group *Hypertension and cardiac dynamics / Center for research on heart disease in women* with leader Eva Gerdts - Department of clinical medicine

Academic Affairs

Status som merittert underviser - utlysning 2021

Fakultetet lyser med dette ut ordningen for andre gang, og inviterer sine undervisere til å søke om å bli tildelt merittert undervisningsstatus. Merittert status tildeles vitenskapelig ansatte som har vist betydningsfull innsats for å sikre utdanningskvalitet i bred forstand. Tittelen den meritterte oppnår er «merittert underviser»

Les utlysningen her.

Søknadsfrist 1. oktober 2021

Status as Merited Lecturer - announcement 2021

The faculty hereby announces the scheme for the second time, and invites its lecturers to apply to be awarded merited teaching status. Meritorious status is awarded to academic staff who have made significant efforts to ensure the quality of education in a broad sense. The title the meritorious person achieves is «merited teacher»

Read the announcement here.

Deadline 1 October 2021

PhD Candidates & Post Docs

New doctoral degree: Ragnhild Reehorst Lereim

Ragnhild held a trial lecture and defended her thesis on 23 June. We congratulate her to the approved defense and wish her all the best for her future career!

REMINDER: upcoming courses at CCBIO and Neurosysmed

CCBIO903 – Cancer Research: Ethical, economic and social aspects
When: September 6-10 and October 11-15, 2021
More info: at the website and the student pages.

CCBIONEUR911 – Clinical Trials
When: September 29 – October 1, 2021
More info: at the website and the student pages.

CCBIONEUR910 – Patient and Public Involvement in Medical and Health Research
When: November 3-5, 2021
More info: at the website and the student pages.

CCBIONEUR912 – Health Innovation
When: November 8-9 and December 2-3, 2021
Available for non-ECTS participation: No.
More info: at the website and the student pages.

Funding Announcements

Midler til samarbeidsprosjekt innen Globale samfunnsutfordringer: Høst 2021

Midlene kan søkes av fast vitenskapelig ansatte med hovedstilling ved UiB. Formål med midlene er å stimulere til tverrfaglig forsknings- og utdanningssamarbeid.

Tildelingskriterier:

• Tema skal være en global samfunnsutfordring innen migrasjon, helse eller ulikhet.

• Minst to fakultet ved UiB skal delta i arbeidet.

• Aktiviteten må utføres innen 31. desember 2022.

• Det bevilges midler til møter, seminarer eller reiser som har til hensikt å utvikle tverrfaglige forsknings- og/eller undervisningsprosjekter. Prosjektene bør inneholde konkrete planer om søknader til eksterne finansieringskilder.

• Det bevilges fra kr 10 000 til kr 100 000 per prosjekt.

Søknaden må inneholde en kort beskrivelse av formål, samarbeidsrelasjoner og plan for aktiviteten, samt budsjett. Søknaden skal ikke overstige 2 sider.

Merk: Det bevilges ikke midler til deltagelse i kongresser/konferanse, lønn, driftsmidler til forskning, pilotstudier eller utvikling av undervisnings- og forskingsmateriale. Vi støtter heller ikke gjentagende aktiviteter som for eksempel arrangement av årlige konferanser/ seminarer.

Sendes til Margarethe.Bittins@uib.no

Søknadsfrist 10. september 2021.

Funding for collaboration projects within global societal challenges: fall 2021

Permanent scientific staff with their primary position at UiB may apply for funding. The purpose of the funding is to stimulate cross-disciplinary research and educational collaborations.

Funding criteria:

● Topic must include a global societal challenge within migration, health or inequality.

● At least two faculties at UiB must participate in the project.

● The activity must be carried out within 31 December 2022.

● Funding is for meetings, seminars or travels with the intention of developing counter-disciplinary research and/or educational projects. The projects should include concrete plans for applications for external sources of funding.

● From 10,000 to 100,000 NOK can be awarded to each project.

The application must include a short description of purpose, collaboration relations and plan for activites, along with a budget. Applications may not exceed 2 pages.

Note: No funding is awarded for participation in conferences/seminars, salaries, overhead costs for research, pilot studies or development of educational and/or research materials. Additionally, no funding is awared for recurring events such as annual conferences or seminars.

Email you application to Margarethe.Bittins@uib.no

Deadline: 10 September 2021

Midler til mobilitet-, gjesteforskere og feltkurs fra akademiaavtalen

UiB og Equinor inngikk i 2018 en samarbeidsavtale om forsknings-samarbeid, «Akademiaavtalen».

Vitenskapelig tilsatte og ph.d.-kandidater kan søke om midler til å dekke kostnader i forbindelse med reiser til konferanser, seminarer og workshop-er relatert til de strategiske satsingsområdene fastsatt av styringsgruppen (**undergrunns-karakterisering og engergit-ransformasjon og fremtidige verdikjeder**). Det kan søkes om inntil kr 35.000,- per aktivitet.

Forskere kan søke om midler til å invitere gjesteforskere til UiB. Det kan søkes om inntil kr 35.000,- for reise- og oppholdsutgifter.

Mer informasjon: https://www.uib.no/fia/144685/styringskomite-forskningssamarbeid-mellom-uib-og-equinor#utlysning-2021

Søknadsfrist: 1. september 2021

Funds for mobility, guest researcher and excursions from "Akademiaavtalen"

UiB and Equinor have a collaboration agreement on research «Akademiaavtalen» since 2018.

Scientific staff and PhD candidates may apply for funding to cover costs related to travels to conferenes, seminars and workshops related to the strategic focus areas defined by the steering committee (**underground characterization and energy transformation and future value chains**). Up to 35,000 NOK may be awarded for each activity.

Researchers may also apply for funding to invite guest researchers to UiB. Similarly, up to 35,000 NOK may be awarded for each such invitation.

More information can be found here:

Deadline: 01 September 2021

Invitasjon til å nominere kandidater til Demensforskningsprisen 2022 - Nasjonalforeningen for folkehelsen

Nasjonalforeningen for folkehelsen utlyser en Demensforskningspris som vil bli utdelt under en høytidelig seremoni i februar 2022. Det oppfordres herved til å sende inn forslag på aktuelle kandidater.

Prisen er en anerkjennelse som gis på

Invitation to nominate candidates for Dementia Research Awards 2022 - Norwegian Health Association

The Norwegian Health Association announces a Dementia Research Award which will be awarded in a solemn ceremony in February 2022. We hereby encourage you to submit suggestions for relevant nominees.

grunnlag av ett eller flere av følgende kriterier:

- En forsker eller forskergruppe som har bidratt til banebrytende forskningsresultater nasjonalt og internasjonalt som har økt kunnskapsgrunnlaget om risikofaktorer, årsakssammenhenger, forebyggende tiltak, diagnostiske metoder eller effektiv behandling.
- En forsker eller forskningsgruppe som har hatt et ekstraordinært godt nasjonalt og eventuelt internasjonalt forskningssamarbeid og/eller tverrvitenskapelig samarbeid som kan gå foran som eksempel for andre.
- En forsker som er tidlig i sin forskerkarriere som har gjort en særlig innsats på områdene nevnt over, og som i framtiden har potensiale til å ta en sentral rolle i å fremme og heve demensforskningsfeltet i Norge.

Demensforskningsprisen utgjør 200 000 kroner og et grafisk blad.

Les mer: https://nasjonalforeningen.no/om-oss/om-nasjonalforeningen/demensforskningsprisen/

Frist: 1. oktober 2021

The award is a recognition which is given on the basis of one or more of the following criteria:

•A researcher or research group which has contributed to groundbreaking results nationally and internationally, increasing the knowledge foundation concerning risk factors, preventive measures, diagnostic methods or effective treatments.

•A researcher or research group which has had an extraordinarily strong national and/or international research collaboration, which may serve as a positive example for others.

•A researcher, early in her or his career, who has made a particularly impressive effort in the above-mentioned fields, and who has the future potential to claim a central role in promoting and elevating the dementia research field in Norway.

The award consists of 200,000 NOK and a graphic magazine.

Read more here: https://nasjonalforeningen.no/om-oss/om-nasjonalforeningen/demensforskningsprisen/

Deadline: 01 October 2021.

Current funding announcements/deadlines

NOTE:

If you plan to apply for external funding, **please always send a short notice** to the Department administration: https://skjemaker.app.uib.no/view.php?id=8157307

For applications for international funds (EU, EEA, others) you will need approval from the Head of the Department and the University's division of research- and innovation. **Fill in this short statement (PDF)** and send it to the Department administration: Janne.Gotaas@uib.no, cc: Margarethe.Bittins@uib.no

Horizon Europe—European Research Council

Advanced Grant

Applicants for the ERC Advanced Grants - called Principal Investigators (PI) - 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.Up to € 2.5 million for a period of 5 years
Deadline 14 October 2021
(next call deadline 28 April 2022)

Horizon Europe—Marie Skłodowska Curie Actions

Postdoctoral Fellowships either can take place in Europe (i.e. in an EU Member State or a Horizon Europe Associated Country like Norway) or in a Third Country not associated to Horizon Europe (e.g. USA):

European Postdoctoral Fellowships:
Fellows (any nationality) either *come to Europe* from any country in the world or *move within Europe* for a project. The standard duration of these fellowships must be **between 12 and 24 months.**

Global Postdoctoral Fellowships:
European nationals or long-term residents who wish to engage in projects with organisations *outside EU Member States and Horizon Europe Associated Countries*. These fellowships require an **outgoing phase of minimum 12 and maximum 24 months** in a non-associated Third Country, and a **mandatory 12-month return phase** to a host organisation based in an EU Member State or a Horizon Europe Associated Country.
More information: UiB MSCA Fact sheed (PDF)
Deadline 12 October 2021

Horizon Europe— Health Cluster

Research and Innovation actions (RIA) and Coordination and support actions (CSA) that address specific global societal challenges. Detailed information on these calls (and many more) is found in the latest draft of the Work Programme, v.7 (PDF)
Contact person at UiB: katie.anders@uib.no

Helse Vest Call for proposals 2022

Researchers from the University of Bergen can apply for Helse Vest funds if they have an agreement of support *(forankringsavtale)* with Haukeland University Hospital (or another health trust).

- PhD-fellowships
- Clinical Researcher Fellowships
- Clinical Career Fellowships
- Short-term Projects
- Open project support
- Career Fellowships
- Overseas Fellowships

Deadline 15 September 2021

NEW! Research council of Norway and Nordforsk

Japan-Nordic Frontier Research Projects for Healthy Longevity

The aim of the call is to generate new knowledge on healthy ageing and longevity through Japan-Nordic research collaboration. The thematic framework includes fundamental, translational/basic clinical and epidemiological research on populations in the Nordic countries and Japan. The call is a collaborative effort between the Academy of Finland, Research Council of Norway, Swedish Research Council, Japan Agency for Medical Research and Development (AMED), and NordForsk. Utilisation of existing high-quality health data sources in a Nordic-Japanese context is central to the research to be funded under this call.
6 million NOK, 3 years.
Deadline 7 October 2021

NEW! Research Council of Norway

Pre-project – Antimicrobial Resistance from a One Health Perspective

The objective of the call is to support **pre-projects** for future Collaborative and Knowledge-building Projects that can help to resolve or tackle key societal challenges relating to antimicrobial resistance from a One Health perspective.