

Dear colleagues,

Even though the pandemic has been trying a new attack, if we remain careful, a few things can come back to life. It is a great pleasure that the BBB seminars have taken off again! Thanks to the organizers who have spent a lot of energy to make this happen!

Now we have a forum again, that allows direct interactions and vivid scientific discussions without looking at a computer screen. Therefore, I encourage everyone to make use of this opportunity. Observing all precautions, the auditorium 2 seats almost 60 people; coffee and cookies will be served. In fact, the seminars are set up as hybrid now and continue to provide for remote participation and presentations.

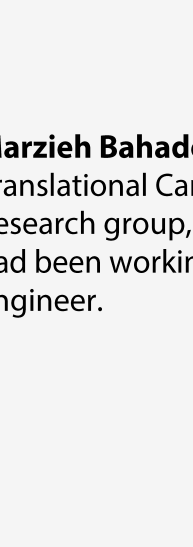
Last week, we finalized the order for two brand new LC-MS systems for PROBE. One of them is the top-of-the-art Eclipse™ Tribid™ system. Thanks to funding from the NFR, the Faculty of Medicine and a contribution from the Department/PROBE, this substantial upgrade was possible. With this acquisition, PROBE will be able not only to extend its capacity, but also to introduce latest technologies including quantification of various post-translational modifications, MS<sup>3</sup> fragmentation for better TMT quantification, new targeted proteomics possibilities, better sequence coverage through ETD fragmentation, possibility for intact protein analyses, increased proteome depth coverage and increased sensitivity with potential for approaching single-cell proteomics.

Alarmingly, a water leakage, probably connected to the construction work on the roof, hit the PROBE facilities this week. We have now taken steps to make sure that the new equipment as well as other valuable instrumentation in the facilities at our Department will be appropriately protected from damage.

Finally, I would like to draw your attention to the opening of a permanent exhibition celebrating two pioneers of molecular biological research in Bergen (see the contribution by Rolf Reed below). A counterpart will be located at the Department of Biosciences. Those higher up in the building, take a trip to the 5<sup>th</sup> floor next week and have a look!

*Breaking news: The Faculty of Medicine has announced 15 PhD- and 3 post doctoral positions:*  
<https://www.jobbnorge.no/ledige-stillinger/stilling/191844>  
<https://www.jobbnorge.no/ledige-stillinger/stilling/191826>

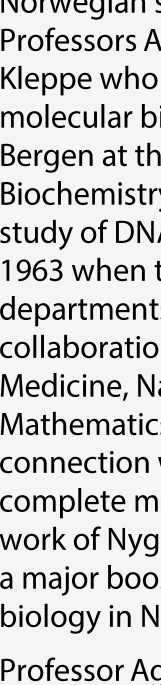
Best wishes,



Human Resources

| Events<br>for UIB employees | Benefits<br>for employees at UIB | Vacant positions<br>at the University of Bergen |
|-----------------------------|----------------------------------|-------------------------------------------------|
|-----------------------------|----------------------------------|-------------------------------------------------|

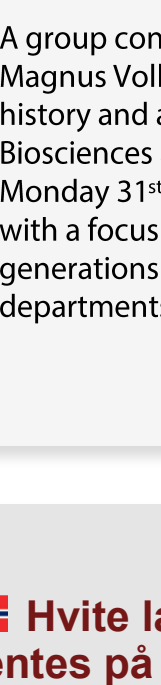
We welcome these new employees:



**Hilde Myhrvold**  
started as HR officer on 1 August.

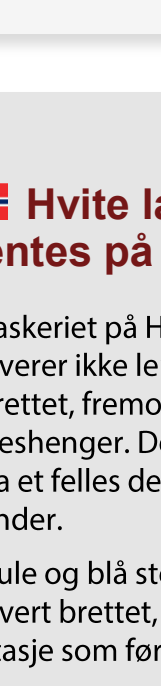


**Sturla Magnus Grøndal**  
started in a PhD position in the CellNet group on 13 July.

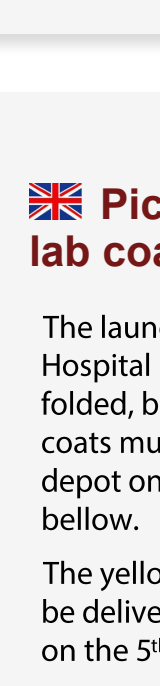


**Monica Hellesvik**  
started in a PhD position in the Translational Cell Signalling and Metabolism group in the Arnesen lab on 20 August.

We wish farewell to these colleagues:



**Juliane Fjærestad** has been a trainee in the membrane protein administration. She left had her last working day on 31 July.



**Marzieh Bahador** left the Translational Cancer Research group, where she had been working as staff engineer.



**Cara Wogsland** has been a Post Doc in the lab of Nils Halbergs and left on 09 August.

Operations, Health, and Safety

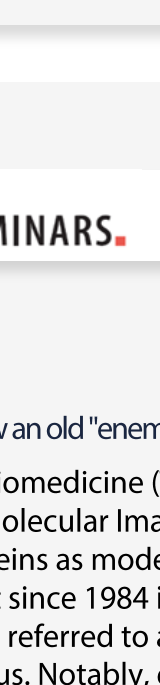
The birth of molecular biology at UIB

*Opening of the permanent exhibition on Agnar Nygaard and Kjell Kleppe*

On the coming Monday there will be a gathering at the Department of Biosciences and Department of Biomedicine to honor two pioneers of Norwegian science, Professors Agnar Nygaard and Kjell Kleppe who introduced modern molecular biology to the University of Bergen at the Department of Biochemistry during in the 1960's. The study of DNA and RNA started at UIB in 1963 when the first pre-clinical departments were established as a collaboration between Faculties of Medicine, Natural Science and Mathematics as well as Dentistry in connection with the inception a complete medical curriculum at UIB. The work of Nygaard and Kleppe represented a major boost for modern molecular biology in Norway.

Professor Agnar Nygaard was the first chair at the Department of Biochemistry. He had spent time in the laboratories of Nobel Laureates James Sumner in the US and Hugo Theorell in Sweden. A major contribution from Nygaard was the development of methods for DNA-RNA hybridization. Within a few years Kjell Kleppe was recruited to the department. He collaborated extensively with Nobel laureate Har Gobind Khorana in the US. In addition to contributing to fundamental understanding of the genetic code and DNA replication, Kleppe was the first to demonstrate the principle of the polymerase chain reaction (PCR), presented at a Gordon conference in 1969.

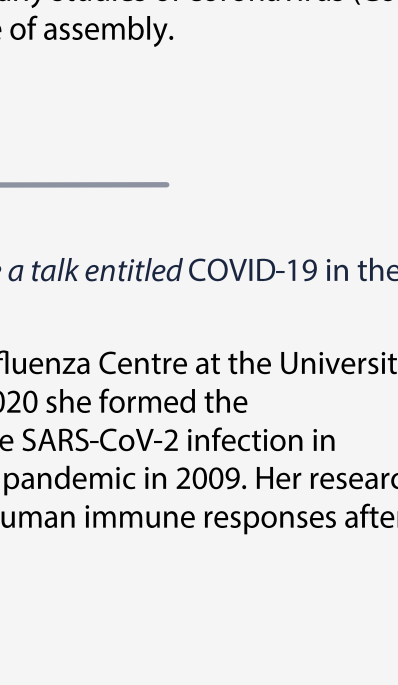
A group consisting of Professors emeriti Lars Haarr and Ole Didrik Lærum, Associate professor Magnus Vøllestad and Professors Øyvind Halskau, Rein Aslund and Rolf Reed have compiled the history and arranged the permanent exhibition which is now in place at Department of Biosciences and Department of Biomedicine. The exhibition will be open to the public on Monday 31<sup>st</sup> August. The group endeavors to preserve the scientific history of our departments with a focus on the scientists that provided important breakthroughs from which subsequent generations of scientists benefit. The exhibition has received financial support from the involved departments, faculties, the University Director and Bergen Museum Fund.



**Agnar P. Nygaard**  
1930-2019



**Kjell Kleppe**  
1934-2008



Hvite laboratoriefrakker hentes på 6. etasje

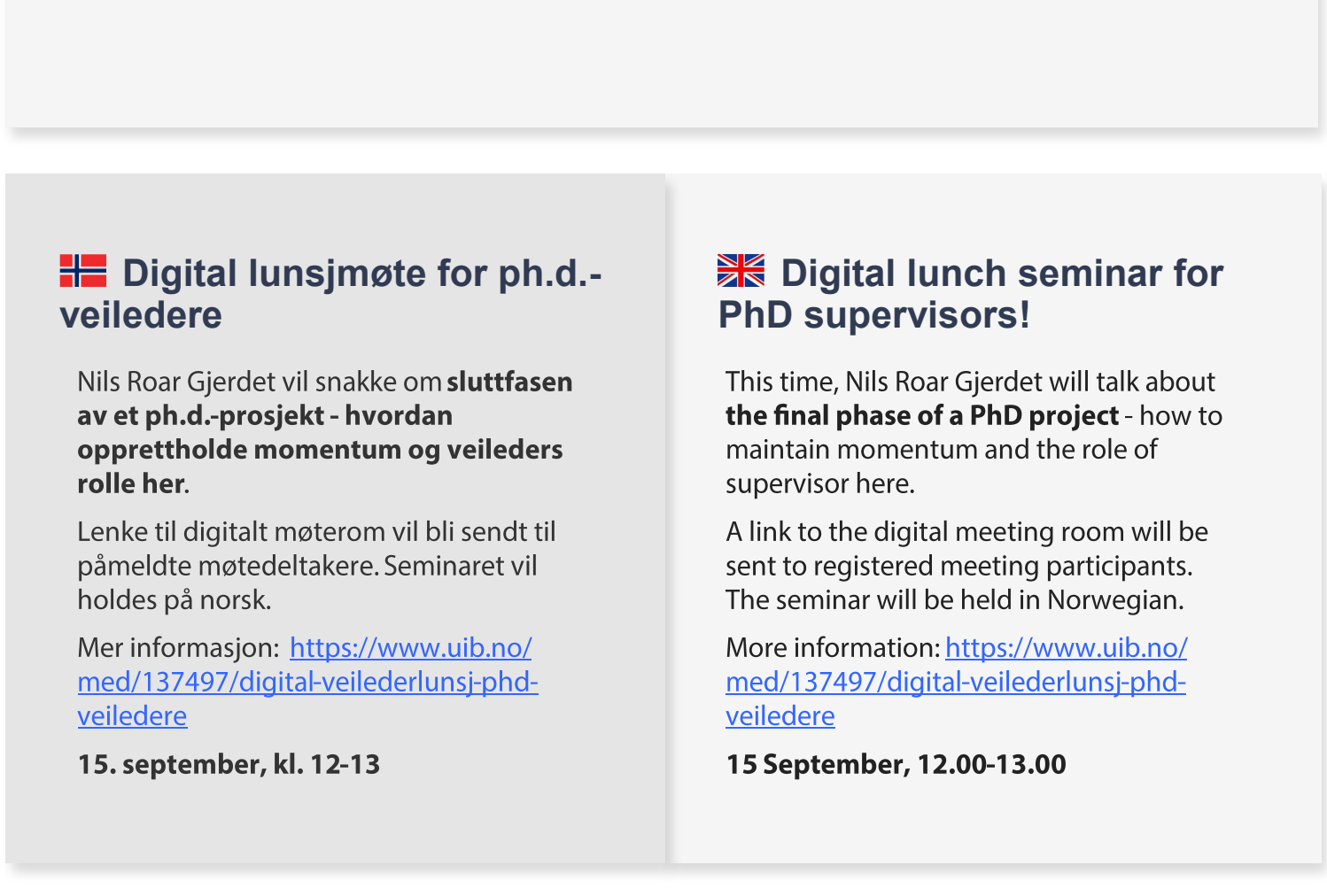
Vaskeriet på Haukeland universitetssykehus leverer ikke lengre laboratoriefrakker brettet, fremover blir de kun levert på kleshenger. Dette medfører at de må hentes fra et felles depot i 6. etg på BBB, se kart under.

Gule og blå stellerfrakker blir fremdeles levert brettet, og vil distribueres på hver etasje som før.

Pick-up point for white lab coats on 6th floor

The laundry unit at Haukeland University Hospital no longer delivers lab coats folded, but on coat hanger. Therefore, lab coats must be collected from a common depot on the 6<sup>th</sup> floor in the future, see map below.

The yellow and blue coats will continue to be delivered folded, and can be picked up on the 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> floor as before.



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.

[Disease-specific phenotypes in iPSC-derived neural stem cells with POLG mutations](#), Liang KX, Kristiansen CK, Mostafaei S, Vatne GH, Zantling GA, Kianian A, Tzoulis C, **Hayland LE, Ziegler M, Perez RM, Fumol J, Zhang Z, Balakan N, Hong Y, Siller R, Sullivan G, Bindoff LA** EMBO Mol Med. 2020 Aug 25:e12146

[TRIM22 activates NF-κB signaling in glioblastoma by accelerating the degradation of IκBα](#), Ji J, Ding K, Luo T, Zhang X, Chen A, Zhang D, Li G, **Thorsen F, Huang B, Li X, Wang J** Cell Death Differ. 2020 Aug 19

[How Does Protein Zero Assemble Compact Myelin?](#), **Raasakka A, Kursula P** Cells. 2020 Aug 4;9(8):E1832. doi: 10.3390/cells9081832

[Fluid transport from the dental pulp revisited](#), **Berggreen E, Wiig H, Vrtel J** Eur J Oral Sci. 2020 Aug 14; doi: 10.1111/eos.12733.

[Generation of a novel mouse strain with fibroblast-specific expression of Cre recombinase](#), **Jahedi Alam, Moses Muslime, Andreas Ronald, Mugdha Savant, Arne Olav Melbye, Ning Lu, Beate Eckes, Geir Christensen, Donald Guilberg**, Matrix Biology Plus.2020.100045

BBB SEMINARS.

BBB seminar

*Jaakko Saraste will give a talk entitled Getting to know an old "enemy". The life cycle of coronavirus*

Jaakko Saraste is professor at the Department of Biomedicine (Translational Cell Signaling and Metabolism group) and also associated with the Molecular Integrative Cell. Using both viral membrane proteins and pancreatic secretory proteins as model cars, his research group has studied the secretory process, with special interest since 1984 in the functional organization of the intermediate compartment (IC, frequently also referred to as ERGIC) between the endoplasmic reticulum (ER) and the Golgi apparatus. Notably, early studies of coronavirus (CoV) replication revealed that it employs the IC as its intracellular site of assembly.

**Thursday, September 03, 14:30, Auditorium 2**

BBB seminar

*Rebecca Jane Cox from the Department of Clinical Science will give a talk entitled COVID-19 in the community and health care system in Bergen.*

Rebecca Cox is professor of medical virology and head of the Influenza Centre at the University of Bergen and Haukeland University Hospital. In the spring of 2020 she formed the multidisciplinary Bergen COVID-19 research group to investigate SARS-CoV-2 infection in Bergen, building on her experience from the swine influenza pandemic in 2009. Her research focuses on epidemiology and pandemics with particular focus on human immune responses after infection and vaccination.

**Thursday, September 10, 14:30, Auditorium 2**

Digital lunsjmøte for ph.d.-veiledere

Nils Roar Gjerdet vil snakke om **sluttfasen av et ph.d.-prosjekt** - hvordan opprettholde momentum og veileders rolle her.

Lenke til digitalt møterom vil bli sendt til påmeldte møtledere. Seminaret vil holdes på norsk.

Mer informasjon: <https://www.uib.no/med/137497/digital-veileders-lunsj-phd-veiledere>

**15. september, kl. 12-13**

Digital lunch seminar for PhD supervisors

This time, Nils Roar Gjerdet will talk about the **final phase of a PhD project** - how to maintain momentum and the role of supervisor here.

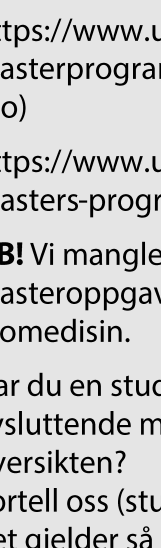
A link to the digital meeting room will be sent to registered meeting participants. The seminar will be held in Norwegian.

More information: <https://www.uib.no/med/137497/digital-veileders-lunsj-phd-veiledere>

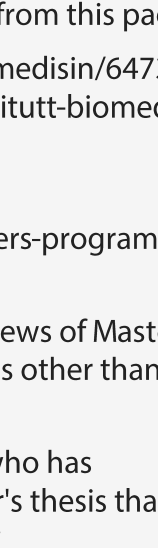
**15 September, 12.00-13.00**

PhD and Post Docs

New doctoral degree: Sissel Elisabeth Dyrstad



Sissel held a trial lecture and defended his thesis on 21 August. We congratulate her to the approved defense and wish her all the best for her future career!



Web based course CCBio097 Cancer-related vascular biology, September 21 - October 2, 2020

The course will be held through a digital platform (Zoom), also the group assignments, so you can attend even from the comfort of your own home. Although the course is mainly intended for PhD students and Master students, admission is open for others who find this course interesting.

CCBio097 is a 6 ECTS course that provides broad theoretical and practical understanding of basic aspects of vascular biology, cancer-related vascular biology, and other processes and diseases where vascular biology is relevant. The course presents and treatment options directed between vascular biology, cancer progression, and the diagnostic and knowledge aspects related to the vasculature. Applied methods for studying vascular biology and biomarkers reflecting cancer-related vascular biology are taught. Also, the course aims to stimulate scientific thinking, critical election and professional collaboration.

CCBio097 is part of the **CCBio-Harvard INTPART** collaboration, and participants attending this course will have the rare opportunity to benefit from the knowledge of researchers who have been in the frontline of vascular biology research for decades, and who are experienced lecturers at Harvard Medical School. This year, you will get to meet **Edward R. Smith, Joyce Blichoff and Hong Cheng** in addition to **Randy Watinick and Mike Rogers**.

Program: See the [preliminary scientific program here](#).

**Note that there are different registration links for the course:**

**With ECTS:** For those who will attend the complete course, incl. group assignments, and be eligible for the 6 ECTS or a course diploma (note that this link is close to fully booked). UIB students also need to register in StudentWeb, where deadline is **September 1, 2020**.

**No ECTS:** For those who are only interested in the lectures for professional updates and want to hop in and out as they please (will not get ECTS or diploma).

[Read more here](#) about the course. For any questions, please contact coordinator Heidrún Vethe at [Heidrun.Vethe@uib.no](mailto:Heidrun.Vethe@uib.no).

**21 September—2 October, web-based via Zoom**

Web based course CCBio095 Methods in Cancer Biomarker Research,

This will be run online through Zoom, so you can join from the comfort of your home, or your home universities. Although the course is mainly intended for PhD students and Master students, admission is open for others who find this course interesting.

CCBio095 is a 5 ECTS course with focus on the full panel of advanced and standard methods with relevance for cancer biomarkers. The intention is a methodological course that also includes components of ethics and economy. The thematic parts include methods ranging from basic techniques on nucleotides and proteins to more advanced approaches, as well as bioinformatics and bio-banking. The course will focus on methods to study tissue samples, blood samples, urine samples, and other biologic materials, like immunohistochemistry, in situ hybridization, PCR-techniques and sequencing, Western blot and ELISA, microarray methods, proteomics, circulating tumor cells and DNA, flow cytometry, bioinformatics and biobanks. Changes in nucleic acids and proteins in different systems will also be covered.

**Program:** See the preliminary [scientific program here](#).

**Note that there are different registration links for the course:**

**With ECTS:** For those who will attend the complete course, incl. group assignments, and be eligible for the 5 ECTS or a course diploma. [Reg. link full course](#). Registration will be closed at no notice when maximum is reached. UIB students also need to register in StudentWeb, where deadline is **September 1, 2020**.

**No ECTS:** For those who are only interested in the lectures and want to hop in and out as they please (will not get ECTS or diploma), use this link only: [Reg. link lectures](#).

[Read more here](#) about the course. For any questions, please contact coordinator Ingeborg Winge at [Ingeborg.Winge@uib.no](mailto:Ingeborg.Winge@uib.no).

**27-29 October, Web-based via Zoom**

Course in clinical studies including ICH-GCP

*There are still available places at the Course in clinical studies including ICH-GCP, arranged by the Research School of Clinical Medicine this fall. The course includes:*

- introduction to ICH-GCP and laws relevant to clinical research including the Health Research Act and related regulations ICH-GCP
- information from different units on what they can assist with in the implementation of clinical trials
- information on the design and conduct of clinical trials and development of some applications that are relevant to clinical research

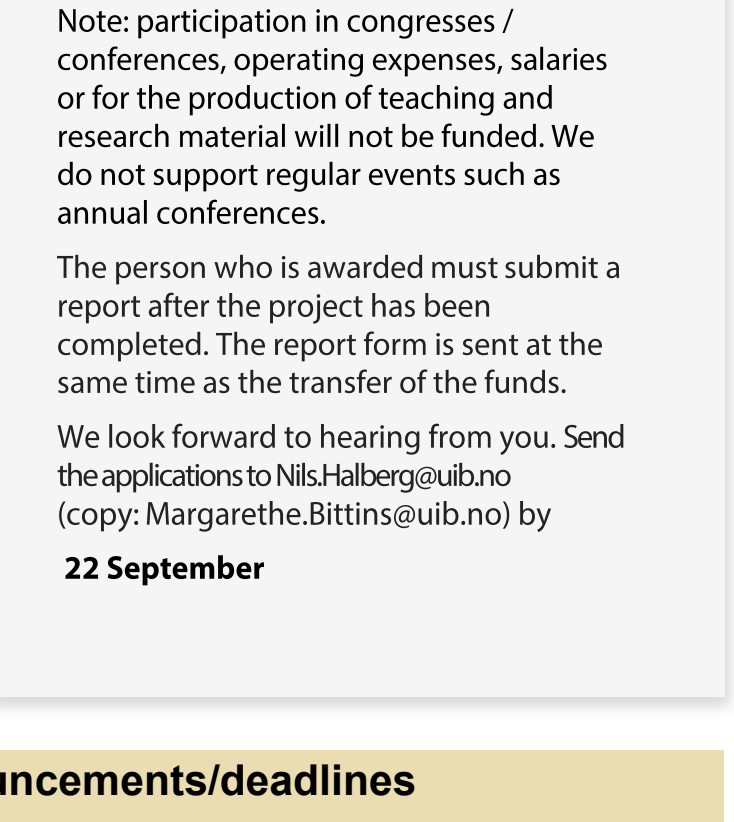
More information: <https://www.uib.no/en/course/GCP901>

Registration in Studentweb, with course code GCP901

**21 September, 8:30-11:30, BBB**

**24 September, 8:30-16:00, Bikuben**

**02 October, 8:30-11:30, BBB**



Academic Affairs

Masteroppgaver i Cristin

*Masteroppgaver veiledet fram ved instituttet (i 2020) er nå registrert i Cristin, se <https://wo.cristin.no/as/WebObjects/cristin.woa/wa/fres?action=sok&ar-fra=2020&ar-til=2020&sted=184131400&vParametre=1&ukat=MASTERGRADSOPP&ukat=HOVEDFAGSGSOPP&Vfsort=alfabetsl&bs=50>*

Vi ber veiledere se over og melde fra om evt. feil/mangler.

Master's theses in Cristin

*Master's theses supervised at the Department (in 2020) are now registered in Cristin, see <https://wo.cristin.no/as/WebObjects/cristin.woa/wa/fres?action=sok&ar-fra=2020&ar-til=2020&sted=184131400&vParametre=1&ukat=MASTERGRADSOPP&ukat=HOVEDFAGSGSOPP&Vfsort=alfabetsl&bs=50>*

We ask supervisors to review and report any errors / omissions.

Noen sammendrag mangler av ulike grunner. Spill inn om det er sammendrag som skal på plass. Det gjør oversikten mer interessant for potensielle nye studenter.

Vi flagger tidligere oppgaver fra denne siden:

[https://www.uib.no/biomedisin/64733/masterprogram-ved-institutt-biomedisin\(no\)](https://www.uib.no/biomedisin/64733/masterprogram-ved-institutt-biomedisin(no))

[https://www.uib.no/en/biomedisin/65173/masters-programme\(en\)](https://www.uib.no/en/biomedisin/65173/masters-programme(en))

NB! Vi mangler gode oversikter over masteroppgaver i andre studieprogram enn biomedisin.

Har du en student som har avlagt avsluttende masteroppgave som mangler i oversikten?

Fortell oss ([studie@biomed.uib.no](mailto:studie@biomed.uib.no)) hvem det gjelder så registrerer vi!

Søk på kurs innen vurdering i medisinsk utdanning og fag utgifter dekket

*Tilbudet er rettet mot ansatte ved medisinstudiene i Norge.*

Nå kan du søke om å få dekket reise, opphold og kursavgift. Alle som lager eksamen/oppgaver til eksamen ved medisinstudiene ved norske universiteter og/eller lager oppgaver til nasjonal delprøve i medisinal kan søke. Teknisk-administrative som jobber tett med eksamen kan også søke, selv om de ikke lager oppgaver.

På grunn av COVID-19-situasjonen er flere av kursene gjort om til online-kurs. Her finner du de aktuelle kursene i 2020/2021: <https://www.med.uio.no/om/prosjekter/nasjonaldelprøve-medisin/kurs/2020/kurs-2020.html>

Funding to take courses in assessment in medical education

*The offer is aimed at employees at the medical studies in Norway.*

Apply for financing of travel, accommodation and course fees. Anyone who designs exam questions for medical studies at Norwegian universities or for the national tests in medicine may apply. Technical/administrative staff working closely with such exams may also apply, even if they are not designing questions themselves.

Due to COVID19, several of the courses will be held online. Here you can find relevant courses for 2020/2021: <https://www.med.uio.no/om/prosjekter/nasjonaldelprøve-medisin/kurs/2020/kurs-2020.html>

Applications can be sent to the Asmund Skaar for national tests, through Asmund Skaar: [asmund.skaar@medisin.uio.no](mailto:asmund.skaar@medisin.uio.no)

**Deadline: 01 October 2020**

We flag previous theses from this page: [https://www.uib.no/biomedisin/64733/masterprogram-ved-institutt-biomedisin\(no\)](https://www.uib.no/biomedisin/64733/masterprogram-ved-institutt-biomedisin(no))

[https://www.uib.no/en/biomedisin/65173/masters-programme\(en\)](https://www.uib.no/en/biomedisin/65173/masters-programme(en))

UTSATT FRIST: status som meritert underviser ved Det medisinske fakultet

Til orientering: søknadsfrist for å søke status som meritert underviser er utsatt en måned, til 1. oktober.

Mer info om hvordan man søker finnes på [nettsiden](#).

EXTENDED DEADLINE: status as a merited lecturer at the Faculty of Medicine

The deadline for applying for status as a merited lecturer has been postponed by one month.

The deadline is now **01 October**.

More information on the application process can be found on this [website](#) (Norwegian)