

**POSITION AS POSTDOC/RESEARCH FELLOW available at
National Subcellular Imaging Platform, NorMIC-UIO, DEPARTMENT OF
MOLECULAR BIOSCIENCES, Faculty of Mathematics and Natural Sciences,
University of Oslo.**

**The position is available for a period of three years (possible prolongation)
Start date: As soon as possible.**

The national imaging platform has received a NOK 20 mill instrument grant from the Research Council of Norway and will expand and get new instruments for subcellular imaging. We are looking for a postdoc/researcher with a strong background in cell biology and imaging. The position is financed by the Faculty of Mathematics and Natural Sciences, University of Oslo for 3 years.

The aim of the national imaging service platform is to offer state-of-the-art imaging techniques and expertise within subcellular imaging to local, national and international research groups. The focus is on live cell confocal microscopy, high throughput imaging and micromanipulation of cells. The platform offers today live cell imaging techniques such as FRAP, FRET and photoactivation. With the new equipment we will expand the techniques with TIRF, FLIM, micromanipulation, microinjection and superresolution. We are mainly working with tissue culture cell lines, primary cells, immune cells and single cell organisms. The different techniques will vary depending on the development of the various projects at the platform. The equipment also allows working with cell types and single cell organism living at different temperatures. The candidate is expected to participate in advanced imaging projects that require independent scientific work and should run independent projects. The position require that the candidate gives support to users and teaches in user courses. The candidate should also be involved in developing and establishing new imaging protocols depending on the project in question.

The platform at IMBV is part of the NorMIC national FUGE consortium and is closely connected to its partner at the Radium Hospital (group of prof Harald Stenmark). The imaging platform also offer electron microscopy techniques (CLEM-correlative light and electron microscopy and immuno-EM. The platform is furthermore a host for Eurobioimaging Proof of Concept studies 2012 (see www.eurobioimaging.eu). Platform page: www.mn.uio.no/imbv/english/research/about/infrastructure/imaging

The head of the platform is Professor Oddmund Bakke. The imaging platform has at present one temporary postdoc position and two permanent advanced technical engineers. The expertise within imaging also depends on the imaging project in the Bakke research group, which consist of 4 master students, 2 PhD students, and 4 postdocs. The Bakke group is a member of the CoE (Centre of Excellence) "Centre for Immune Regulation" (CIR (www.cir.uio.no)) and the focus of the group is on membrane trafficking in immune cells.

We are looking for highly motivated and competent candidates with experimental and theoretical background in cell biology, immunology, biochemistry, bioinformatics and/or biophysics. Successful candidates should have hands-on experience with technical instruments within biology/biotechnology and be able to handle biological specimens such as cells and tissue. Previous experience from imaging is absolutely an advantage but not a prerequisite as he/she will be part of an active imaging environment with courses/training program.

The position requires a PhD or equivalent within cell biology, biochemistry, immunology, biophysics or bioinformatics with a strong element of instrumental

techniques. A second position at the platform will also be announced and suitable candidates not hired will be asked if they will apply for this position.

The letter of application should include curriculum vitae with a list of published and unpublished works with a statement summarizing the applicant's scientific work and interests in addition to certified copies of certificates.

For further information please contact:

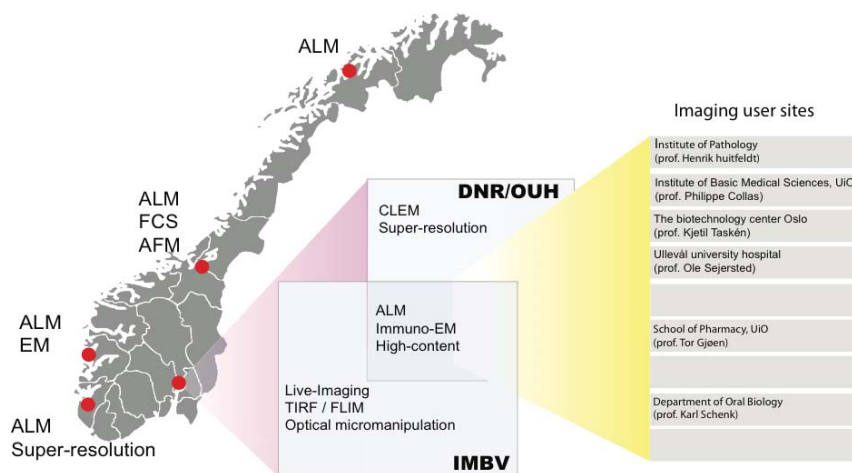
professor Oddmund Bakke, phone +47 95851479 or : + 47 22 855787

e-mail: oddmund.bakke@imbv.uio.no

Deadline for application: **Jan 5th, 2012**

For applying and further information

<http://uio.easycruit.com/vacancy/635245/64279?iso=no>



Outline of organization of subcellular imaging in Norway. The Oslo node is partner with the other imaging nodes and partner in the imaging organization Nor-BioImaging



Oslo is nicely situated in between the Oslo fjord and the woods/skiing areas for summer and winter.