Open PhD position at the Institute for Cancer Research, Oslo University Hospital

A fully funded PhD position for a fixed term of three years for cellular and molecular studies of NK cell development

We are looking for a highly motivated student with an interest in molecular medicine and translational research. The project concerns the cellular and molecular mechanisms of NK cell differentiation and its influence on NK cell functionality with a particular focus on deciphering developmental stages of human NK cells from hematopoietic precursors. Another central element is to investigate the mechanisms behind the shaping of human KIR repertoires in health and disease. The studies involve basic molecular immunology with a strong translational component.

Eligibility and Qualifications
Candidate must have an MD or a master degree in Medicine/ Life sciences. Experience in experimental immunology research, including flow cytometry and functional immunological assays, is an advantage. In connection with the appointment of the PhD position, we will accord special weight to academic skills; particularly demonstrated excellence in research, a strong dedication and excellent communication skills.

The fellowship requires admission to the PhD programme at the Faculty of Medicine. The application to the PhD programme must be submitted to the department no later than two months after taking up the position. For more information see:

http://www.uio.no/english/research/doctoral-degree-and-career/phd/application/

http://www.med.uio.no/english/research/doctoral-degree/dr-philos/

Personal Skills
- High working capacity
- Strong motivation
- Interest in solving biological problems
- Ability to design, plan, interpret original experiments in an independent and innovative manner
- Excellent written and oral communication skills in English

The Institute for Cancer Research at Oslo University Hospital
The Institute for Cancer Research, Oslo University Hospital (OUH), Oslo, Norway (http://ousy-research.no/institute/) hosts core facilities for multiparameter flow cytometry, next generation sequencing, imaging and bioinformatics. The Comprehensive Cancer Center (CCC) of OUH Radiumhospitalet, is one of the largest Cancer Centers in Europe with its own Phase I/II clinical trial unit and one of the leading European academic facilities for good manufacturing practices (GMP) production of cells for immunotherapy. These units integrate clinical departments with the Dept. of Immunology,
giving OUH a competitive edge in bringing “in-house” discoveries to early clinical trials. Building on a long tradition of investigator-initiated trials, the group is currently developing a new strategy for selective and controlled expansion of educated NK cells for cancer therapy.

**Application**
Application appointments will be for 3 years. Your application should include:

- A one-page statement of motivation and research interests
- CV (summarizing education and positions)
- List of publications and academic work that the applicant wishes to be considered by the evaluation committee
- Letter(s) of recommendation
- Names and contact details of 2 referees (name, relation to candidate, e-mail and telephone number)

Please go to: [http://www.oslo-universitetssykehus.no/jobb](http://www.oslo-universitetssykehus.no/jobb), find the announced position and use the "apply for position" button or (for those who do not have this option) send your application by e-mail, marked with reference number: 2167607439 in the subject line to Karl-Johan Malmberg M.D., Ph.D., Professor. [k.j.malmberg@medisin.uio.no](mailto:k.j.malmberg@medisin.uio.no)

**Region:**
Oslo

**Working hours:**
Full-time

**Application deadline:**
20.05.2014

**Location:**
Department of Immunology, Institute for Cancer Research

**Reference number:**
2167607439

**Home page:**
http://ous-research.no/malmberg/