

Jobbnorge-ID: 119942

Søknadsfrist: Avslutta

Nettside:

Omfang:

Varighet:

Position as Postdoctoral Research Fellow within the field of cancer metabolism

A position as Postdoctoral Research Fellow at the Department of Circulation and Medical Imaging (ISB), Faculty of Medicine, Norwegian University of Science and Technology (NTNU) is now open. The Postdoctoral Research Fellow will be part of the MR Cancer Group, which is a multidisciplinary group dedicated to research on how MR technology can improve diagnosis and therapy in cancer.

For more information about the Department and the research group, see the following pages:

<http://www.ntnu.edu/isb> and <http://www.ntnu.edu/isb/mr-cancer>

The period of employment for the position is two years. The position has the objective of qualifying for higher academic positions.

Project description

The main goal of the project "Cancer metabolism: from basic biochemistry to clinical opportunities" is to increase our understanding of how abnormal metabolism supports the growth of cancer cells, and how novel drugs targeting metabolic reactions can be used to treat cancer. The postdoctoral research fellow will work with cancer cell lines both *in vitro* and *in vivo*, studying metabolic plasticity in response to treatment with targeted drugs as well as studies of how metabolic reprogramming contributes to metastasis. If successful, the project will provide new basic knowledge on cancer metabolism, technological innovation in the form of proof-of-concept studies for novel low-molecular drugs and new diagnostic tools based on the abnormal cancer metabolism.

Qualifications

We seek a talented, enthusiastic and creative scientist with a strong commitment to research that suits the following criteria:

- A PhD within Medicine or Molecular Biology (or similar scientific areas)
- A strong academic record.
- Proficiency in oral and written English

Emphasis will be placed on:

- The candidate's motivation for the position
- Good cooperation and communication skills
- Ability to work independently as well as the ability to collaborate interdisciplinary
- Documented practical and theoretical experience with NMR spectroscopy and/or MR imaging
- Documented hands-on experience with cancer cell culture as well as preclinical disease models.
- The candidate must be fluent in both spoken and written English.

A good work environment is characterized by diversity. We encourage qualified candidates to apply, regardless of their gender, functional capacity or cultural background. If necessary, we will adapt the workplace for people with disabilities.

Chosen applicants will be invited to undergo an interview.

[More information regarding moving to Trondheim, Norway and working at NTNU.](#)

How to apply:

Applicants are asked to apply via this page, and to attach all relevant documents, see list below.

The candidate's motivation, skills and personal qualifications for the position and project should be described in the application letter. The application should contain the following attachments:

- Applicant's CV (including list of publications, relevant former positions and)
- Copy of relevant transcripts and diplomas
- A letter of recommendation from a supervisor or employer
- Contact information for two references (including email addresses and telephone number)
- Other relevant information

Candidates from universities outside Norway are kindly requested to send a Diploma Supplement or a similar document, which describes in detail the study and grade system and the rights for further studies associated with the obtained degree:

http://ec.europa.eu/education/tools/diploma-supplement_en.htm

Terms of employment for the position:

The appointment of the Postdoctoral Fellow will be made according to Norwegian guidelines for universities and

university colleges and to the general regulations regarding university employees.
NTNU's personnel policy objective is that the staff must reflect the composition of the population to the greatest possible extent.

Depending on qualifications and academic background, Postdoctoral Research Fellows at the Faculty of Medicine will be remunerated at wage code 1352 - **Normal wage level is 57 - 60, NOK 483 400 - 509 800**, of which 2% is deducted for the Norwegian Public Service Pension Fund.

For further information about the positions, please contact:

Associate Professor Siver Moestue, email: siver.a.moestue@ntnu.no, phone: +47 73551353.

For information concerning the application process, please contact:

HR Adviser Hanne Stixrud, email: hanne.stixrud@ntnu.no.

The application deadline is on **31 December 2015**.

Please note that applications will be assessed based on the information submitted at this page. It is the applicant's responsibility to ensure that all relevant attachments are submitted by the deadline.

Please note that under the Norwegian Civil Service Act, information about applicants may be made public even though the applicant has requested not to be included on the list of applicants.

Tilleggsinformasjon

Arbeidssted: