UNIVERSITETET I OSLO

Jobbnorge-ID: 144911
Søknadsfrist: Avsluttet
Nettside:
Omfang:
Varighet:

PhD Research Fellowship in Radiopharmaceutical Chemistry

Position as PhD Research fellow is available at Department of Chemistry at the University of Oslo (UiO), Norway.

The fellowship will be for a period of 3 years, with no compulsory work. The starting date is negotiable, 01/01/2018 at the earliest.

No one can be appointed for more than one PhD Research Fellowship period at the same institution.

Job/ project description:

The successful candidate will become a part of an interdisciplinary research group working in the field of Radiopharmaceutical Chemistry and PET imaging. The research project is concerned with the development of novel radiosynthesis methodology and radiotracer development.

The position requires an ambitious, self-motivated and proactive individual who will be educated in all aspects of PET radiochemistry. This includes the design and synthesis of radiotracer candidates, development of labelling strategies for PET radiotracers and pharmacological characterisation of radiotracers.

Day-to-day work includes preparation, purification, and characterisation of small organic molecules by means of NMR, HRMS, IR and micro analysis. Radiolabelling, reaction optimisation, quality control procedures (radioTLC, radioHPLC), and radiochemical process automation will be duties of the post holder. Experimental skills including practical laboratory work are expected from applicants.

Applicants are expected to show a documented performance above average in their respective studies. The equivalent of a Norwegian grade B is required for acceptance into the PhD program at UiO.

Requirements/qualifications:

The Faculty of Mathematics and Natural Sciences has a strategic ambition of being a leading research faculty. Candidates for these fellowships will be selected in accordance with this, and expected to be in the upper segment of their class with respect to academic credentials.

- Applicants must have a MSc. in radiochemistry or organic chemistry or other corresponding education equivalent to Norwegian standards, preferably with experience in PET radiochemistry or organic synthesis
- Excellent communication skills and good proficiency in the English language both oral and written are a prerequisite
- Knowledge of the Norwegian language or of any Scandinavian language is beneficial for the position

The project is concerned with the translational development of PET radiotracers for the diagnosis of cell damage including neurodegenerative mechanisms of dementia. The candidate will have the opportunity to conduct biological studies in vitro and in vivo in collaboration with senior experts. It is expected that the successful candidate will spend a period of 3-6 months in collaborating research groups outside Norway.

The purpose of the fellowship is research training leading to the successful completion of a PhD degree.

The fellowship requires admission to the PhD programme at the Faculty of Mathematics and Natural Sciences. 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/phd/

http://www.mn.uio.no/english/research/phd/

A good command of English is required.

We offer:

- Salary NOK 436 900 - 490 900 per annum depending on qualifications and seniority as PhD Research Fellow, (position code 1017)
- Attractive welfare benefits and a generous pension agreement, in addition to Oslo's family-friendly environment with its rich opportunities for culture and outdoor activities

The application must include:

- Application letter
- Motivation letter describing your motivation to pursue a PhD in PET Radiochemistry
- CV (summarizing education, positions and academic work - scientific publications)
- Copies of educational certificates, transcript of records and letters of recommendation
- Documentation of English proficiency
- List of publications and academic work that the applicant wishes to be considered by the evaluation committee

- Names and contact details of 2-3 references (name, relation to candidate, e-mail and telephone number)

Foreign applicants are advised to attach an explanation of their University's grading system. Please remember that **all** documents should be in English or a Scandinavian language.

In accordance with the University of Oslo's equal opportunities policy, we invite applications from all interested individuals regardless of gender or ethnicity.

UiO has an agreement for all employees, aiming to secure rights to research results a.o.

For further information please contact:

Assoc. prof. Patrick Riss, e-mail: patrick.riss@kjemi.uio.no

For questions regarding the recruitment system, please contact HR-officer Nina Holtan, e-mail: nina.holtan@mn.uio.no

Tilleggsinformasjon

Arbeidssted: