

Marit Boge ▾



Ny rekruttering

Rekruttering



Forsker - Referansenr. 4324870754

Statistikk

Oppsett

Vel aktivitet ▾

LAGRE

→ FERDIG, GÅ TIL PUBLISERING

Norsk (nynorsk)

Fleire språk ▾

Vis på mobil

Vel element



Postdoctoral Fellow position in Extracellular Vesicles for treatment of Obesity

Laboratorieklinikken, Helse Bergen

Søk på stillinga

A 2-year Fellowship position for a Postdoctoral researcher is available at the Hormone Laboratory, Department of Medical Biochemistry and Pharmacology, Haukeland University Hospital

The Hormone Laboratory is a specialized laboratory for hormone analyses at the Department of Medical Biochemistry and Pharmacology. The Hormone Laboratory Research group has extensive research activities, mainly from externally funded projects, and is associated with the Mohn Nutrition Research Laboratory. The research group consists of medical doctors, researchers, postdocs, PhD students and master students and technical staff. The research focus is obesity, diabetes and breast cancer.

In the group there is a full-time (100 %) position as Postdoctoral Research Fellow available for a period of two (2) years. The position is part of the project ENAMEP (Exosomes as innovative Nanomedicine Approaches to reverse obesity and its METabolic and Psychotic complications with specific targeting of the hypothalamus), funded by the Research Council of Norway via the EuroNanoMed III platform. The Postdoctoral fellow will be a part of an international team of highly motivated researchers and educators focused on developing nanomedicine approaches for the treatment of obesity and obesity-related disorders.

 Søknadsfrist:	14.01.2021  
	Helse Bergen
	Bergen
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About the network, project and work tasks

Obesity is a global health problem, and an effective treatment is lacking. The ENAMEP project focuses on the stimulation of energy expenditure as a strategy for sustained weight loss. The ENAMEP project aims to use nanoscaled exosomes as a tool to specifically target the hypothalamic areas with DNA that encodes proteins modulating energy balance. We aim to implement this strategy in various animal models of obesity. The two-year project will focus on the effects of exosome-mediated delivery of energy-regulating proteins in an established rodent model of antipsychotic-induced weight gain. The project involves four partners, from Norway, Spain and France. Exosome production mainly occurs in Angers (France), whereas implementation of the exosomes and their physiological effects in animal models will be carried out in Santiago de Compostela (Spain). The Postdoctoral researcher will be based in Bergen, Norway but expected to spend a considerable amount of time in the laboratories of the foreign partners.

Qualifications and personal qualities

- The applicant must hold a PhD in molecular biology or physiology. The doctoral thesis must be submitted prior to the application deadline.
- The ideal candidate should have a strong neuroscience and/or obesity background with accomplishments demonstrated by first-author publications in peer-reviewed journals. Experience with psychopharmacological drugs is an advantage but not a requirement.
- The applicant should have experience with the following technics/disciplines: rodent work (FELASA category C level), extracellular vesicles (characterization and production according to the ISEV requirement), viral and neurodevelopment tools, rodent physiology and energy metabolism. Training in the collaborator's lab will be provided to the right person as necessary to fill any skill gaps.
- The applicant should be proficient in both written and oral English.
- The applicant must document the ability to work independently in a structured manner and in cooperation with others.
- A brief account of the applicant's research interests and motivation for applying for the position
- Transcripts and diplomas (applicants with education from other countries than Norway must enclose witnessed diplomas in both the original language and authorized translations) and documentation of approved doctoral thesis
- Complete list of publications
- Two referees (name and contact information)

We can offer

- An exciting and stimulating research environment
- A standard postdoc Salary
- Attractive welfare benefits and a generous pension agreement



📍 Arbeidsstad

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📄 Kontaktinformasjon



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Kommentarar



Historikk

