



Doctoral Researchers in ECM-Hypoxia Research unit, Faculty of Biochemistry and Molecular Medicine

Faculty of Biochemistry and Molecular Medicine, ECM and Hypoxia

The University of Oulu is one of the biggest and most multidisciplinary universities in Finland. We create new knowledge and innovations that help to solve global challenges. We offer you an international and inspiring working environment where you are given responsibility and can use your skills, develop yourself and do work that matters. Our flexible and family-friendly workplace makes it easy for you to balance work and leisure. The University of Oulu is ranked in the top 3% of the world's universities.

We are seeking

Three Doctoral Researchers

who are highly motivated and talented to join our vibrant research community in Biocenter Oulu and in a Research Council of Finland project within the ECM-Hypoxia Research unit at the Faculty of Biochemistry and Molecular Medicine.

The ECM-Hypoxia research unit (ECMH RU) consists of five internationally strong research groups which perform globally recognized research on the extracellular matrix and hypoxia in health and diseases. We are equipped with leading-edge infrastructure in all fields of cell and structural biology. We are a highly international and interdisciplinary team.

About the job

The current projects aim to study new molecules interacting in hypoxia-signaling and metabolism, especially obesity. Our previous work shows that certain enzymes of the hypoxia pathway may act as central switches that could connect the networks for oxygen and nutrient supply. However, whether, and how, these switching mechanisms work is as yet unknown. This will be investigated in the work of this project.

If you are curiosity-driven and eager to interact with biochemists and structural biologists this might be an interesting offer for you.

What we offer?

- The support of an experienced and enthusiastic team of 8 people where you can share your expertise and grow as an expert.
- Wellness benefit ePassi covering sport, culture and well-being. Read more about other staff benefits.
- Development and career options of the big organization.
- Work that matters and a workplace that promotes flexibility and work-life balance. Read more about working with us.
- Our Buddy Programme and Spouse Network support you and close-ones in settling into Oulu.
- We have a HR Excellence in Research -quality label which is a recognition awarded by the European Commission for the development of researchers' working conditions and careers.
- Finland is one of the most livable countries in the world, with a high quality of life, safety, excellent education system, and competitive economy. Read more about living in Oulu.

Who are you?

In order to succeed and enjoy the position, we expect from you:

- Master's or equivalent degree in a relevant subject area, such as cell and molecular biology, biochemistry, biomedicine, or medicine
- You have a proven record in one or several of the following techniques: molecular cloning and cell biology, Crispr/Cas9-mediated gene editing, RNA interference, cell fractionation, co-IP, immunofluorescence, and live-cell imaging.
- Experience and knowledge in generation and analysis of gene-modified mice
- Fluent in written and spoken English

- Ability to meet project deadlines
- Excellent communication and teamwork skills.
- IT skills, and computational skills for data analysis would be an advantage (e.g. RNA-seq, proteomics)
- See also the requirements of the University of Oulu Graduate School (UniOGS)

We also appreciate

- Finnish language skills
- Experience in virus work

Salary

The position is fixed-term for *4 years* as of 01.01.2024 or as soon as possible thereafter.

The salary will be based on the levels 2-4 of the demand level chart for teaching and research staff of Finnish universities. In addition, a salary component based on personal work performance will be paid (maximum of 50 % of the job-specific component). Starting gross salary will be approx. 2300-2600 € per month (before taxes). A trial period of 6 months is applied in the position.

How to apply?

Interested? If yes, please apply **by 08.11.2023** (23:59 Finnish local time) through our recruitment system.

The application should be written in English and include the following:

- 1. Cover letter**
- 2. CV** following the guidelines of the Finnish Advisory Board on Research Integrity
- 3. Certificates/Diplomas**
- 4. Contact information of two persons available for recommendation**

The eligible applicants fitting best in the profile expected for the position will be invited to an on-site or remote interview. All applicants will be notified during the selection process.

We welcome applicants from all backgrounds, such as people of different ages, genders and linguistic, cultural or minority groups.

Contact Information

If you have any further questions, please contact *Thomas Kietzmann* (thomas.kietzmann@oulu.fi)

Type of employment	Temporary position
Contract type	Full time
Number of positions	3
Full-time equivalent	100 %
City	Oulu
County	Pohjois-Pohjanmaa
Country	Finland
Reference number	2023/433
Published	2023-10-04
Last application date	2023-11-08
Link to ad	http://oulunyliopisto.varbi.com/what:job/jobID:661639/