



Research Assistant in Bioinformatics

The Novo Nordisk Foundation Center for Basic Metabolic Research (CBMR), Faculty of Health Sciences, University of Copenhagen.

Research Assistant in Bioinformatics

The Novo Nordisk Foundation Center for Basic Metabolic Research is seeking a Research Assistant for a time-limited 3-year contract, with an option for extension based on performance. The starting date is 1st of March or as soon as possible thereafter.

Background

The Novo Nordisk Foundation Center for Basic Metabolic Research has been established at the Faculty of Health Sciences, University of Copenhagen, to conduct research into basic metabolic functions. The Center consists of five scientific sections and a number of international research satellites and was established through a grant from the Novo Nordisk Foundation. The position is in the section for Integrative Physiology. The research in this Section is focused on delineating novel pathways and regulators of glucose and energy homeostasis to resolve the complex metabolic phenotypes that drive the development of insulin resistance and increased adipose tissue mass in type 2 diabetes and obesity.

You can read more about the The Novo Nordisk Foundation Center for Basic Metabolic Research on: <http://metabol.ku.dk>.

Job Description

The Section for Integrative Physiology, headed by Prof. Juleen Zierath, is aiming at establishing a bioinformatics platform to analyse transcriptomics, metagenomics and epigenetics datasets.

Type 2 Diabetes is growing at pandemic rates worldwide, reflecting a synergic interaction between genetic and environmental factors. Epigenetics refers to heritable states of gene expression that are not due to changes in DNA sequence. Two major epigenetic processes, DNA methylation and histone modifications, form the molecular basis of epigenetics, principally by modulating the access of the transcription machinery to the chromatin. Previously, we showed that environmental factors such as diet participate in the etiology of T2D through epigenetic modifications in somatic tissues. The molecular mechanisms involved are yet to be identified.

We are seeking a Junior Bioinformatician to run pipelines and to deliver analytical outputs. The applicant will be expected to work and consult with colleagues concerning issues of data analysis and interpretation. The holder of the position will report to the Head of the Integrative Physiology Section Professor Juleen Zierath and to Associate Professor Romain Barres.

Qualifications / Requirements

- Master degree in Bioinformatics, Informatics, Statistics or any other related field
- Knowledge of mammalian physiology
- Excellent written and oral communication skills
- Ability to work in team

Highly motivated and ambitious candidates regardless of their personal background and status are encouraged to apply.

Terms of Employment

The post will be filled according to the Agreement between the Danish Ministry of Finance and the Danish Confederation of Professional Associations. The post is covered by the Protocol on Job Structure.

Applications will be assessed according to the Ministry of Science Technology and Innovation Executive Order no 284 of 25. April 2008.

Questions

For further information, please contact Professor Romain Barres, e-mail: barres@sund.ku.dk, or Academic Officer Sara Barazi, email: barazi@sund.ku.dk

Application Procedure

Apply by clicking "Apply online" below. Please note that only online applications will be accepted.

Applications must be written in English and must include:

- A letter of motivation (cover letter)
- Curriculum vitae
- Publications list
- Minimum 2 relevant recommendations

Deadline The deadline for applications is 27th of January, at 23:59.

Any applications received after this time or incomplete will **not** be considered.

The applicant will be assessed according to the Ministry of Science Technology and Innovation Executive Order no. 284 of 25. April 2008.

For more information on working and living in Denmark visit <http://ism.ku.dk/> and www.workingconditions.ku.dk

[Apply online](#)

Founded in 1479, the University of Copenhagen is the oldest university in Denmark. With 37,000 students and 9,000 employees, it is among the largest universities in Scandinavia and one of the highest ranking in Europe. The University consists of six faculties, which cover Health and Medical Sciences, Humanities, Law, Science, Social Sciences and Theology.

Deadline: 27-01-2013

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