NEW

Post-Doctoral Position in Experimental Diabetes Research
Department of Neuroscience and Physiology
University of Gothenburg
Sweden

We are seeking a highly motivated and talented person for investigating the molecular mechanisms underlying type 2 diabetes with the long-term goal of finding new anti-diabetic treatments. The successful applicant will have a key role in a project that is in the forefront of metabolic research. The project is truly translational and will utilize human pancreatic islets as the starting point to identify the physiological and gene expression changes that contribute to defective insulin secretion in type 2 diabetes. The candidate will study human islets physiologically and work closely with experts on single-cell RNA sequencing to study the associated gene expression changes. The candidate will also study different functional pools of islet cells to identify the characteristics of high- and low-responding cells in order to better understand the pathophysiology. The human studies will be combined with studies on rodent tissues. We aim to translate the most relevant findings to our patient cohorts both to validate the disease relevance of the findings and to identify new means to counteract disease progression in patients (as in e.g. Rosengren AH et al., Science 2010, Tang Y et al., Science Translational Medicine 2014, Axelsson AS et al., Science Translational Medicine 2017).

The candidate will work closely with Anders Rosengren, Patrik Rorsman and Anders Ståhlberg at the University of Gothenburg and will have a central role in a joint effort to better understand the pathophysiology of defective insulin secretion in type 2 diabetes and how to treat it. The candidate will be part of the Wallenberg Centre for Molecular and Translational Medicine in Gothenburg. The project has a clear experimental focus, but the candidate will also have extensive contact with the clinical members of Anders Rosengren’s research group, which gives the project a high patient relevance and enables effective translations of the experimental findings.

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Post-Doctoral Position in Diabetes and Obesity Research
Diabetes Discovery Research and Gender Medicine Laboratory
Tulane University
New Orleans, LA
Our group is seeking a candidate for a post-doctoral position in a groundbreaking area of diabetes research. Our laboratory focuses on identifying the cellular and molecular mechanisms of sex differences underlying the risks of diabetes, obesity, and metabolic syndrome with a specific focus on islet biology and dysfunction. The candidate will use genetic, molecular and physiological tools to study mice with conditional knockouts of steroid hormones receptors as well as human cell culture models in highly controlled environments. The applicant will gain a full understanding of the biological processes at the root of obesity, insulin resistance, β-cell dysfunction and diabetes, and the ability to demonstrate that modulating sex steroid actions can have a therapeutic impact on these diseases.

The successful candidate will hold a Ph.D. or M.D., be self-motivated, show interest in diabetes research and will have significant experience in cell culture, standard biochemical and molecular biology techniques and immunohistochemistry. Experience in islet biology or in vivo metabolism is preferable. Salary will be determined based on previous experience. Please email a cover letter with research interests and curriculum vitae, including the contact details of three references with relation to applicant, to Franck Mauvais-Jarvis, MD, PhD, Department of Medicine, Section of Endocrinology, Tulane University Health Science Center, School of Medicine in New Orleans.

Email to fmauvais@tulane.edu

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Tenure Track Faculty Position
Assistant or Associate Professor
Regenerative Medicine and Cell Biology

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Postdoctoral Fellowship Opportunity in Beta Cell Regeneration for Diabetes

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