

Postdoctoral Research Scientist

The lab of Prof. Dr. Henriette Uhlenhaut at the Chair for Metabolic Programming (TUM School of Life Sciences) investigates gene regulatory mechanisms in metabolic physiology, with a focus on nuclear hormone receptors and transcriptional co-regulators. Together with the Institute for Diabetes and Endocrinology at Helmholtz Munich, state-of-the-art techniques, including NGS genomics, bioinformatics, proteomics and molecular genetics, are employed to uncover novel drug targets for metabolic and inflammatory disorders. Current hot topics in the lab include circadian rhythms, fatty liver disease, brown adipose tissue function, nutritional interventions and aging.

Applicant's project:

We are looking for an enthusiastic and committed candidate to investigate gene regulatory signatures in response to nutritional challenges and stress hormones, as part of a project funded by the European Research Council (ERC). Your research will focus on understanding the molecular and physiological roles of glucocorticoid hormones during caloric restriction in vivo. The project aims to uncover the interplay between diet and longevity, by combining various omics techniques with mouse metabolic phenotyping and computational approaches. Previous experience with metabolic research, large data sets and molecular biology is required. A strong motivation for teaching and student supervision is a plus.

Our offer:

The TUM is one of the most renowned universities in Europe. We are offering excellent working conditions in a highly international research environment. The salary is in accordance with the Public Sector Collective Agreement on Länder (TV-L E13).

Your application:

Please submit your complete application, and two references with full contact details in a single pdf file via email to Dr. Sybille Regn (sybille.regn@tum.de)

Data Protection Information:

When you apply for a position with the Technical University of Munich (TUM), you are submitting personal information. With regard to personal information, please take note of the Datenschutzhinweise gemäß Art. 13 Datenschutz-Grundverordnung (DSGVO) zur Erhebung und Verarbeitung von personenbezogenen Daten im Rahmen Ihrer Bewerbung. (data protection information on collecting and processing personal data contained in your application in accordance with Art. 13 of the General Data Protection Regulation (GDPR)). By submitting your application, you confirm that you have acknowledged the above data protection information of TUM.]

Contact:

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