PhD student (m/f/d) in Molecular Mechanisms of Hepatic Hormone Receptors

Scientific personnel
At the Chair of Metabolic Programming of Prof. Dr. Henriette Uhlenhaut, we are looking for a highly motivated graduate student (m/f/d/) to obtain their PhD degree in physiological genomics. The project is funded by the Deutsche Forschungsgemeinschaft (DFG) and will characterize the role of nuclear hormone receptors in the pathophysiology of hepatic steatosis, fibrosis and hepatocellular carcinoma (NAFLD, NASH, HCC).

About us
The research activities of Prof. Dr. Henriette Uhlenhaut (Chair of Metabolic Programming at the TUM School of Life Sciences Weihenstephan) are focused on functional genomics and preclinical models. Together with the Helmholtz Diabetes Center in Munich and the German Center for Diabetes Research (DZD), our lab combines NGS genomics, proteomics, metabolomics and bioinformatics approaches with a variety of genetic in vivo and in vitro models to study gene regulatory mechanisms in health and disease.
Major areas of study include nuclear hormone receptors, innate immune responses, circadian clocks and metabolic homeostasis. Hot topics are the impact of hormones and metabolites on diet induced pathologies and reprogramming of the chromatin landscape.
The Technical University of Munich (TUM) is one of Europe’s top universities. TUM is committed to excellence in research and teaching, interdisciplinary education and the active promotion of promising young scientists. Our international team is part of several larger research consortia in Munich.

Candidate profile
We are looking for an enthusiastic and ambitious candidate with an excellent Master’s degree in Molecular Genetics, Biochemistry, Biotechnology, Biology, or related life sciences.
Applicants should demonstrate the following qualifications.

- General interest in Physiology, Endocrinology, Metabolism or Gene Regulation.
- Basic knowledge in functional genetics, molecular biology and physiology
- Willingness to work with mice
- Eagerness to apply bioinformatics and statistical tools
- Curious and aspiring team player with a strong sense of responsibility
- Excellent communication skills and ability to work independently in an interdisciplinary environment
- Flexible, scientifically adventurous, determined young mind with the talent to drive the project with original ideas.
- High proficiency in spoken and written English

Our offer
We offer a challenging interdisciplinary project at the interface of genomics, nutrition and biomedicine, well-equipped laboratories with top-notch facilities and a highly collaborative international atmosphere. at the TUM School of Life Sciences Weihenstephan.
The position is available immediately. Salary will be determined according to the German collective wage agreement in public service (TV-L 13) 3 years.

Application
For full consideration, applications including motivation letter, CV, certificates and two recommendation letters or references should be sent as a single document via e-mail metabolic-programming.mp.wzw@tum.de by latest 15.03.2021.
TUM is an equal opportunity employer. Qualified women are therefore particularly encouraged to apply. We give priority to severely disabled applicants with essentially equal qualifications.

Contact
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TUM School of Life Sciences Weihenstephan
& ZIEL-Institute for Food & Health
Gregor Mendel Str. 2
85354 Freising, Germany

If you apply in writing, we request that you submit only copies of official documents, as we cannot return your materials after completion of the application process.

As part of your application, you provide personal data to the Technical University of Munich (TUM). Please view our privacy policy on collecting and processing personal data in the course of the application process pursuant to Art. 13 of the General Data Protection Regulation of the European Union (GDPR) at https://portal.mytum.de/kompass/datenschutz/Bewerbung/. By submitting your application you confirm to have read and understood the data protection information provided by TUM.