

Job Vacancy

University of Regensburg | Number 23.008

The University of Regensburg with its more than 20,000 students is an innovative and interdisciplinary oriented campus university with a broad range of academic disciplines and renowned research activities for young people from Germany and abroad. The Institute of Functional Genomics engages in the development and application of innovative instrumental and bioinformatic methodologies for the generation and modeling of high-dimensional data in health and disease. Here, we invite applications for the position of

Research Associate (m/f/d)

to start at the earliest convenience.

This is a 100% full-time equivalent position, based on a fixed-term contract valid for a period of 4 years (until 31. December 2026). Continued employment is possible. Remuneration is in accordance with pay grade E13 of the German public-sector collective agreement, TV-L, salary step dependent on qualifications and experience.

Your project and responsibilities

- DESI- and MALDI-based mass spectrometric imaging of metabolites, lipids and proteins in kidney tissue sections to identify and study signaling molecules that mediate the complex interaction between different cell types in healthy and diseased kidneys.
- Immunohistochemical staining and multi-parameter-fluorescence microscopy.
- Integration of different imaging data and modelling of intercellular communication.
- Tracer experiments with stable isotope-labeled molecules.

What we seek

- A highly motivated colleague with an excellent PhD degree in the fields of chemistry, biochemistry or biophysics.
- Sound knowledge of instrumental analysis and bioinformatics.
- Prior hands-on experience in mass spectrometry imaging.
- Willingness to conduct interdisciplinary research as a member of a large collaborative research project funded by the German Research Foundation (DFG).
- Very good spoken and written English language skills. Knowledge of German would be advantageous but is not a requirement.

What we offer

- The opportunity to conduct research as part of a strong, internationally recognized team.
- Membership in the interdisciplinary collaborative research project "Renal tubular system and interstitium: (patho-)physiology and crosstalk" conducted at the universities of Regensburg and Erlangen.
- Participation in national and international conferences.
- Initiation of own research and habilitation.

The University of Regensburg expressly encourages women to apply for the position and offers programs aimed at reconciliation of work and family (for details visit <http://www.uni-regensburg.de/chancengleichheit>). Candidates with registered severe disabilities are given preference over non-disabled applicants who do not otherwise have statutory preferential status if

their overall personal aptitudes, skills and qualifications are equal. Please, indicate the existence of a severe disability so that a representative for people with disabilities can be invited to the interview if requested. Please, also note that we will not cover travel and other expenses for personal interviews.

If you have any further questions about this position, please contact Prof. Peter Oefner (E-Mail: peter.oefner@ukr.de; phone:+49(0)941-943-5054).

To apply, please send your full application (including curriculum vitae, relevant certificates, letters of recommendation or contact details of 2-3 reviewers, brief description of your research experience, and your motivation for this specific project) until February 10th, 2023, as a single pdf file to sekretariat.genomik@klinik.uni-regensburg.de. E-mailed applications are kept on file for up to six months after the conclusion of the appointment procedure, whereupon they are deleted from our systems.

This is the English translation of a German job advertisement published by the University Regensburg at <https://www.uni-regensburg.de/universitaet/stellenausschreibungen/lehre-forschung/index.html>. Only the original German text is legally binding.