



Postdoc Position (f/m/x) for Automated Proteomics

CECAD Proteomics Facility | CRC 1678

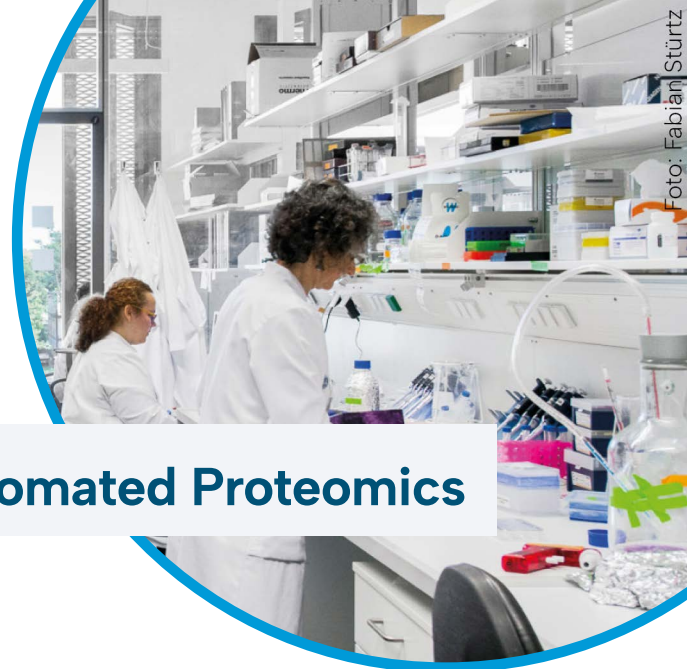


Foto: Fabian Stürtz

We are one of the largest and oldest universities in Europe and one of the most important employers in our region. Our broad range of subjects, the dynamic development of our main research areas and our central location in Cologne make us attractive for students and researchers from around the world. We offer a wide range of career opportunities in science, technology, and administration.

The CECAD Cluster of Excellence on Aging and Aging-Associated Diseases at the University of Cologne consists of more than 20 working groups focused on aging research. The CECAD Proteomics Facility supports the scientists at the Cologne Campus with state-of-the-art mass spectrometry-based methods for protein analysis. We are looking for a highly motivated candidate for the CRC 1678 'Systems-level consequences of fidelity changes in mRNA and protein biosynthesis' interested in automatized lab work combined with complex proteomic analyses, such as limited proteolysis (LiP-MS) and targeted analyses. The successful candidate will be responsible for the proteomics projects of the CRC 1678.

More information: <https://www.cecad.uni-koeln.de/de/forschung/technologie-plattform/proteomics-facility>

YOUR TASKS

- » Proteomic analyses for the CRC 1678 (LiP-MS, discovery and targeted assays)
- » Method development and transfer to automatic liquid handling systems
- » Bioinformatics analysis of data
- » Handling, maintenance and QC of state-of-the-art nanoLC-MS systems
- » Coordinating proteomic analyses in the interdisciplinary CRC 1678

YOUR PROFILE

- » Doctoral degree in Biology, Biochemistry, Chemistry or equivalent experience
- » Multiple years of wet lab experience and deep knowledge in protein analytics (extraction, cleanup, quantification, characterization)
- » Experience in proteomics, technical knowledge in nanoLC-MS are a plus
- » Ideally first experience in automatization using liquid handling systems and/or experience in a scripting language (R, Python)

- » The ability to work in a team and motivation to work in interdisciplinary projects
- » German and English language skills

WE OFFER

- » A diverse working environment with equal opportunities
- » Support in balancing work and family life
- » Extensive advanced training opportunities
- » Occupational health management offers
- » Flexible working time models

The University of Cologne promotes equal opportunities and diversity. Women will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from all suitable candidates regardless of their gender, nationality, ethnic and social origin, religion, disability, age, sexual orientation and identity.

The position is available from 01.10.2024 on a full-time basis (39,83 hours per week). The position is to be filled for a fixed term until 30.06.2028. If the applicant meets the relevant wage requirements and personal qualifications, the salary will be based on remuneration group 13 TV-L of the pay scale for the German public sector.

Please apply online with proof of the required qualifications without a photo under: <https://jobportal.uni-koeln.de>. The reference number is Wiss2407-18. The application deadline is 18.08.2024.

For further inquiries, please contact Dr Jan-Wilm Lackmann (jan-wilm.lackmann@uni-koeln.de).