

Johannes Gutenberg University Mainz (JGU) is one of the largest universities in Germany. Thanks to its location in the Rhine-Main science region, the university can unfold to its full potential and showcase its innovative power and dynamism. Its status as a comprehensive university allows for multidisciplinary learning and teaching and has great potential for internationally renowned, interdisciplinary research. Almost all of its institutes are located on a single campus close to the Mainz city center – creating a lively academic culture for researchers, teaching staff, and students from every continent.

Faculty 09: Chemistry, Pharmaceutical Sciences, Geography and Geosciences / Department of Chemistry - Biochemistry of Johannes Gutenberg University Mainz

Academic staff member

part-time (65%)

The group of Carla Schmidt is part of the Department of Chemistry – Biochemistry of the Johannes Gutenberg University Mainz. The group is working on the structural and functional analysis of membrane proteins and their complexes by mass spectrometry and other techniques (visit <https://carlaschmidt-lab.uni-mainz.de/> for further information). The PhD position is part of the CRC 1551 (<https://crc1551.com/>; project R15).

Your tasks:

- Independent research in the context of project R15
- Mass spectrometric sample preparation and analysis of proteins and protein interactions
- Mass spectrometric data analysis
- Protein purification
- Performing biochemical experiments
- Preparation of publications and presentations
- Participation in CRC15 events (seminars, retreats, lectures etc.)

Your profile:

In addition to the general requirements according to public services law, applicants must meet the recruitment requirements stipulated in § 57 of the *Hochschulgesetz* of Rhineland-Palatinate.

- A successfully completed scientific university degree in Chemistry, Biology, Biochemistry, Biotechnology or a related field
- Basic knowledge in analytical methods including chromatography-coupled mass spectrometry is desired
- Sound knowledge in Biochemistry
- Good computer skills including MS-Office
- Experiences in presenting results are advantageous
- Profound communication skills in English are required for preparation of scientific publications and presentations at scientific meetings
- High motivation and commitment
- Interest in interdisciplinary and collaborative research

What we have to offer:

- Working in a small and dynamic team
- Very good supervision of the scientific work
- Participation in (inter-) national conferences
- Training programme of the CRC 1551
- Jobticket, optional for the entire Rhine-Main area
- Extensive human resources development offer
- Flexible working time arrangements

The position is paid according to **EG 13 TV-L** and is limited to a period of three years.

The position serves the purpose of academic qualification (doctorate).

JGU is diverse and welcomes qualified applications from people with varied backgrounds.

We aim to increase the number of women in the field of research and teaching and therefore encourage female researchers to apply.

Candidates with severe disabilities and appropriate qualifications will be given priority.

Please send your complete application summarised in a pdf file stating the **identification no. 02024-09-wiss-ml** until **May 31, 2024** by e-mail to

carla.schmidt@uni-mainz.de.

For questions and further information please contact Prof. Dr. Carla Schmidt by phone 06131/39-29988 or e-mail: carla.schmidt@uni-mainz.de.

[Data protection information](#)



JOHANNES GUTENBERG
UNIVERSITÄT MAINZ