

The **University of Bonn** is an international research university with a wide education and research profile. With a 200-year history, approximately 31,500 students, more than 6,000 staff, and an excellent reputation at home and abroad, the University of Bonn is one of the most important universities in Germany and is recognized as a university of excellence.

At the Life and Medical Sciences Institute (LIMES) of the Faculty of Mathematics and Natural Sciences of the University of Bonn

**two ERC-funded PhD student positions (m/f/d)**

are to be filled at the earliest possible date.

### Project description

The ERC-funded project "IntraMAP" aims to identify and validate intracellular RNA aptamers, referred to as intramers, that are capable of disrupting specific cellular pathways. The goal is to advance the development of methodologies that enable the identification of a wide range of intramers, which can target and interfere with the function of intracellular proteins. These intramers will also be optimized for compatibility with proteomic analyses within cells, facilitating a deeper understanding of their mechanisms of action and potential applications in cellular biology and therapeutic interventions.

### Qualification profile

- Required skills
- Enthusiasm for learning and a cooperative work attitude are a must
  - Strong interest in cell biology, molecular biology and chemical biology
  - Experience in molecular biology methods, cell culture techniques, or proteomics is highly desirable
  - Excellent communication skills
  - Highly motivated to conduct interdisciplinary research
  - Very good command of English
- Your profile:
- A solid background (master or diploma) in biology, chemistry, pharmacy, or its subdisciplines biomedicine, chemical biology and molecular (cell) biology
- We offer:
- Supportive mentoring and career development plans
  - An excellently equipped workspace and vibrant scientific environment
  - An international team of scientists
  - Salary according to the German salary scale TV-L E13 (65%)
  - "Jobticket" (subsidized public transport)
  - Wide range of University Sports
  - Day care center

The University of Bonn is committed to diversity and equal opportunities. It is certified as a family-friendly university. Its aim is to increase the proportion of women in areas where women are under-represented and to particularly promote their careers. It therefore urges women with relevant qualifications to apply. Applications are treated in accordance with the Land Equality Act. The application of suitable people with proven severe disabilities and persons of equivalent status is particularly welcome.

If you are interested in this position, please send your application documents with cover letter, CV and certificates in one PDF file to [gmayer@uni-bonn.de](mailto:gmayer@uni-bonn.de) and [silvana.hassel@uni-bonn.de](mailto:silvana.hassel@uni-bonn.de). If you have any questions about the position, please contact Prof. G. Mayer and/or Dr. S. Hassel at the same email addresses.