



Eintrittstermin:
next possible Date



Bewerbungsfrist:



Entgeltgruppe:
E 13 TV-H



Befristung:
3 Years



Umfang:

The Philipps-University, founded in 1527, offers multiple award-winning teaching for around 22,000 students and tackles the important issues of our time with excellent research across a broad spectrum of science.

The Department of Chemistry, Chemical Biology, research Group Prof. Dr. Olalla Vázquez, offers a position for a

Research Assistant (PhD student)

The position is offered for a period of 3 years in the frame of our Research Training Group: GRK 2937 - *Nucleotide Metabolism in Microbes (MiNu)* (<https://www.uni-marburg.de/en/synmikro/grk2937>). The starting date is as soon as possible. The position is paid as (65 % E 13 TV-H, being 100% E 13 TV-H Postdoc salary in Germany) with salary and benefits commensurate with a public service position in the state Hessen, Germany (TV-H E 13, 65 %).

Tasks include:

- Development of own research with a high degree of independence
- Design and conduct multistep organic synthesis (medicinal chemistry/organic chemistry)
- Phase-solid synthesis
- Implementation of display technology in collaboration
- Biological techniques: RNA cleavage assays, bacteria-based experiments, anisotropy, etc
- Protein expression (bacteria and/or cell-free systems)
- Supervision of students (teaching service)

The position is limited to a time period deemed adequate for the completion of a doctoral degree. As part of the assigned duties, there will be ample opportunity to conduct the independent scientific research necessary for the completion of a doctorate. The limitation complies with § 2, 1 WissZeitVG.

Profile:

- University degree (Diplom, Master or comparable) in the fields of chemistry, biotechnology, pharmacy, biochemistry with a focus on multistep organic synthesis (medicinal chemistry) and solid-phase synthesis in the context of chemical biology.
- Experience with bacteria culture
- Ability to carry out synthetic biology with initial experience in display technology
- Initial experience in cloning, plasmid design and protein expression
- Strong Theoretical and practical background in protein inhibition, ideally in RNase E.
- Interest in understanding biological processes at the atomic level
- Self-driven & passionate team player

The willingness to pursue your own scientific qualification (e.g. a doctoral project in the field of chemical biology focused on RNase E inhibition) is expected.

The Philipps University supports the professional development of young scientists, through the offers of the Marburg Research Academy (MARA), the International Office and the office for university didactics. Our group is associated to Center of Synthetic Microbiology (SYNMIKRO) and the International Max Planck Research School IMPRS-Mic.

Contact for further information:

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We encourage women and therefore expressly encourage them to apply. In areas where women are underrepresented, women will be given preference if they are equally qualified. As a family-friendly university, we support our employees in reconciling family and work. In principle, it is possible to fill the position part-time and to reduce working hours. People with disabilities within the meaning of SGB IX (§ 2, Para. 2, 3) are given preference if they are equally qualified.