



UNIVERSITY  
OF COLOGNE

Faculty of Mathematics and Natural Sciences

Doctoral position (f/m/x)

Institute of Biochemistry



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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 research group of Professor Neundorf focuses on the chemical synthesis and biological evaluation of membrane-active peptides. We are looking for a highly motivated doctoral candidate for a third-party funded project.

#### YOUR TASKS

- » Working on a research project dealing with the synthesis and biological characterization of antimicrobial peptides
- » Peptide synthesis, modification
- » Biological evaluation of peptides in bacteria and human cells
- » Present research findings at international conferences and publish in peer-reviewed international journals
- » Active participation within a structured doctoral program

#### YOUR PROFILE

- » M.Sc. degree (or equivalent) in Biochemistry, Chemistry, Biology or similar with excellent results
- » Highly motivated and interested in working in a collaborative, highly interdisciplinary environment on cutting-edge research topics
- » Experience with cell culturing and cellular assays is an advantage
- » Proven experience in the field of peptide science (chemical synthesis, analysis) is an advantage but not required
- » High proficiency in English
- » Good communication skills and team-oriented mindset

#### WE OFFER

- » A vibrant, collaborative environment dedicated to high-quality research
- » A diverse working environment with equal opportunities
- » Support in balancing work and family life
- » Extensive advanced training opportunities
- » Occupational health management offers

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 1 September 2026 on a part-time basis (25,89 hours per week). The position is to be filled for a fixed term until 31 August 2029. If the applicant meets the relevant wage requirements and personal qualifications, the salary is 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 Wiss2606-07. The application deadline is 28 June 2026.

For further inquiries, please contact Professor Dr Ines Neundorf at ([ines.neundorf@uni-koeln.de](mailto:ines.neundorf@uni-koeln.de)) and take a look at our [FAQs](#).



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