universität koblenz
weiter:denken

The University of Koblenz is the youngest university in Germany – while also preserving a long-standing academic tradition. A multitude of transdisciplinary research projects spanning several institutions concentrated on a compact campus favourably affects our university routine. As the interdisciplinary university in the north of Rhineland-Palatinate with about 9,400 students, we live the knowledge – transformation – innovation triad in our four profile areas „Education", „Computer Science", „Culture and ist Mediation" as well as „Material and Environment". We provide and conduct state-of-the-art teacher-training studies for all school types and maintain the transfer of our research results to civic society and regional business in a resilient and sustainable way. Join an aspiring university community and aid in advancing our further growth!

Starting from 01.07.2025, we are looking for a

Postdoctoral researcher (m/f/d)

for the Bioorganic Chemistry Group of the Institute for Integrated Natural Sciences

In the **Bioorganic Chemistry Group** led by JProf. Dr Marie-T. Hopp a postdoctoral position is to be filled. The employment is full-time (currently 39 hours/week) and is limited until 31 October 2026. The fixed-term employment is based on the regulations of the Act on Temporary Scientific Contracts in Science (WissZeitVG). In principle the position is divisible.

The main focus is the participation in the DFG project '**Characterisation of the molecular basis of labile heme as a prothrombotic modulator under hemolytic conditions**' using bioanalytical, bioorganic and clinical-chemical methods in the field of peptide and protein biochemistry.

Responsibilities

- solid-phase peptide synthesis (SPPS) of protein-derived peptides
- purification and analytical characterization of peptides and proteins
- carrying out peptide- and protein-heme/porphyrin interaction studies
- establishment and application of *in vitro* assays (e.g., enzymatic assays)
- supervision of bachelor and master students
- presentation of research results at scientific conferences and in scientific journals

Qualifications

- completed studies (Master) and doctorate in biochemistry, bioanalytics, biomedicine, chemical biology or a related discipline
- In-depth knowledge and practical experience in the analysis of peptides is an advantage
- Experience with the methods of SPPS, UV/Vis spectroscopy, HPLC, LC-MS/MS and enzymatic assays is an advantage
- Experience in peptide and/or protein chemistry or heme biology is desirable and preference will be given to applicants with this prerequisite

What we offer

- an exciting and multifaceted field of research activity at the interface of biology, chemistry and medicine in a collegial and dynamic team
- remuneration according to pay group 13 TV-L
- usual social benefits in the general public sector according to TV-L (annual special payment, pension scheme (VBL))
- compatibility of family and work, flexible working hours
- varied sports program with health-promoting offers

The University of Koblenz welcomes applications from all age groups, regardless of gender identity, disability, ethnic or cultural background, religion, ideology or sexual orientation. We aim to increase the proportion of women and are therefore particularly interested in applications from women. In the event of underrepresentation, women with equivalent aptitude and qualifications will be given preferential consideration. Several handicapped persons will be given preferential consideration if their professional and personal qualifications are otherwise equal.

For further information, please contact JProf. Dr. Marie-T. Hopp (Mail: mhopp@uni-koblenz.de, Tel.: +49 261 287 2259).

Please send your informative documents (incl. a motivation letter) quoting the **reference number 057/2025, exclusively by email in one PDF file** to **bewerbung-k21@uni-koblenz.de**. The application deadline is **31.05.2025**.

Please refrain from sending in application photos. At the end of the procedure, the application documents will be destroyed in compliance with data protection regulations.

www.uni-koblenz.de/karriere