



Job vacancy

Postdoctoral Research Associate (postdoctoral researcher) - Analytical Biochemistry 25/Sa26

University of Greifswald, 16 October 2025 | deadline: 31 October 2025

At the **Institute of Biochemistry's** Professorship for Analytical Biochemistry, which belongs to the University of Greifswald's Faculty of Mathematics and Natural Sciences, there is a job vacancy, subject to the allocation of funds, expected to be available from **01 January 2026**, for a full-time position as

Postdoctoral Research Associate (postdoctoral researcher).

The position is limited for a period of 3 years. Payment will be made in accordance with pay group 13 *TV-L Wissenschaft*.

The successful candidate will carry out research tasks in the Analytical Biochemistry group related to the structural and biochemical analysis of protein-nucleic acid complexes relevant to gene-regulation.

Tasks:

- Cloning and production of recombinant proteins from *E. coli* and of RNA by means of in vitro transcription
- Qualitative/quantitative analyses of protein-RNA/DNA complexes using methods common to structural biology and biophysics
- Independent implementation and analysis of multidimensional solution NMR measurements on proteins and/or nucleic acids
- Determination of protein structures with and without ligands using crystallography, NMR and small-angle scattering, possibly supported by molecular modelling
- Presentation of results in international peer-reviewed journals and at scientific conferences
- Establishment of and looking after national and international collaborations
- Taking on responsibility for tasks related to the management of the laboratories, e.g. maintenance of analysis devices

Required:

- Above-average academic degree (M.Sc. or Diplom) in chemistry, biochemistry, molecular biology, or biophysics
- Doctoral degree in one of the above-named disciplines
- In-depth knowledge in the cloning and production of protein and RNA samples for structural and biochemical studies
- Experience in the structure determination of proteins, proven through publications
- Experience in analysing protein-RNA interactions using at least two of the following methods: ITC, aSEC, FP, EMSA, SPR, CD or other biophysical methods
- Excellent English language skills
- High degree of independence, good teamwork skills and experience in supervising students
- Experience in establishing and looking after national and international collaborations

Desired:

- Practical experience in the biochemical analysis of RNA structure (SHAPE, ILP)
- Experience in the use of a synchrotron
- Experience with small angle X-ray and/or neutron scattering
- Driving licence
- German language skills (B1 level or higher)
- A determined, solution and output-oriented personality
- Willingness to acquire own funding

This vacancy is open to all persons, irrespective of gender. Severely disabled applicants with the same qualifications will be considered with preference.

In accordance with § 68(3) PersVG M-V, the Staff Council will only be involved in staff matters of the academic or artistic staff on request.

Unfortunately, application costs (e.g. travel expenses for interviews) will not be reimbursed by the state of Mecklenburg-Vorpommern.

Please note that by submitting your application, you provide your consent pursuant to data protection law for our processing of your application data. Further information about the legal bases and the use of your data can be found [here](#).

Applications - preferably via email, but exclusively as one PDF file - with the usual documents (cover letter explaining your interest in the position, CV with list of publications, copies of certificates, names and contacts of at least two references) should be sent by **24 October 2025**, quoting the job advertisement number **25/Sa26**, to:

Universität Greifswald
Institut für Biochemie
Herrn Prof. Dr. Andreas Schlundt
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