

Postdoctoral Researcher – Molecular Glue Discovery/Chemical Biology (m/f/d) – EG13

The University Hospital Bonn (UKB) is a maximum care hospital with more than 1,300 beds. Our more than 9,000 employees take on tasks in research, teaching and patient care as well as in public health at the highest level. In the science ranking (LOMV) and in the economic result, the UKB is number 1 of the university hospitals in NRW and in 2021 had the third highest case mix index of the university hospitals in Germany.

The **Nowak Lab** located at the Institute of Structural Biology, University Hospital Bonn, is seeking a **Postdoctoral Researcher** (m/f/d) to join our multidisciplinary team on a full-time (38.5 hours/week) position funded by PROXIDRUGs consortium, Germany's Clusters4Future initiative until Dec 2027. As part of the academic-industry **PROXIDRUGs consortium** project you will be working with groups of Prof. Ivan Đikić (Goethe University, Frankfurt) Prof. Michael Potente (Berlin Institute of Health/Charite), Prof. Tobias Bopp (Johannes Gutenberg University, Mainz) and AnalytiCon Discovery to discover and validate new proximity inducing small molecules towards challenging transcription factor targets.

For more information about the lab, visit our [Nowak Lab Website](#).

Key Responsibilities:

- Develop and validate **cellular and in-vitro assays** in 96 and 384 well format using CRISPR (HiBiT, protein tagging) or lentiviral stable integration
- Perform **small molecule screens (covalent libraries)** and use chemical biology to **validate MOA**
- Collaborate closely with team members on research projects and **mentor junior lab members**, including technicians, master's students, and Ph.D. candidates.
- Prepare research findings for **publication in high-impact scientific journals** and present results at national and international conferences.
- Actively contribute to maintaining a **collaborative, inclusive, and supportive lab environment** where every team member can thrive.

Qualifications:

- A **Ph.D. in Chemical Biology, Cell Biology, Molecular Biology, or a related field**.
- Proven ability to design, develop, and execute complex small molecule projects, with a strong track record of **publications** in peer-reviewed journals.
- Experience in drug discovery projects beneficial, but not essential.
- Excellent communication skills (written and verbal) and the ability to work effectively in a **collaborative and diverse research environment**.
- High level of **creativity**, self-motivation, organizational skills, and attention to detail.

We offer:

- A dynamic and inspiring research environment with a high level of interdisciplinary collaboration.
- Employment according to TV-L (EG13, 100%), including benefits such as:
 - Company pension scheme and the possibility of an interest-free loan to buy an e-bike.
 - Access to numerous employee discounts and corporate benefits and free membership in UKBfit.

How to apply:

Are you excited to join the growing team? Do not hesitate and send your detailed application (preferably by e-mail in one file up to 5 MB in size), stating the job advertisement number. ST-17019 to:

Prof. Dr. Radosław Nowak, Institute of Structural Biology, University Clinic Bonn, Venusberg-Campus-1, 53127

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