

PhD candidate (m/f/x)

Online seit 02.09.2025 | 2025-09-02-939951 | Wissenschaftliche:r Mitarbeiter:in

Stellenbeschreibung

Faculty of Medicine:

Institute of Biochemistry and Pathobiochemistry / Molecular Cell Biology

In order to fill a **fixed-term position in part-time (26,69 hours/week = 67%) 2026-01-01**, we are looking for one

PhD candidate (m/f/x)

The Department of Molecular Cell Biology focusses on mechanisms of neurodegenerative disease and interfaces between the nervous system and the immune system. Of particular interest in this context are signalling processes regulated by ubiquitin. The planned project is associated with the Cluster of Excellence RESOLV and specifically addresses phase transitions of ubiquitin-binding proteins and their role in protein quality control.

We invite highly motivated PhD candidates who would like to combine biophysical and biochemical in vitro approaches with cell culture assays and advanced light microscopy techniques. In addition to scientific activities, participation in teaching activities is expected, including supervision of internships and, if applicable, bachelor's or master's students.

Your tasks:

- Cloning of DNA plasmids
- Expression and purification of recombinant proteins
- Biochemical and biophysical assays
- Establishing cellular models by gene editing using CRISPR/Cas9
- Advanced cellular imaging including super-resolution and live cell microscopy

Anforderungsprofil & Qualifikationen

Your profile:

- Candidates should have an A-Grade Master's degree in biology, biochemistry, biophysics or related fields and a strong background in biochemistry and cell biology.
- Experience with protein expression and cell culture models is advantageous.
- Strong ability to work in a team and an open and collaborative approach to science.
- Excellent communication skills and knowledge of the English language are essential.

We offer:

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- Collaboration in a committed and appreciative team
- Extensive training and professional development opportunities
- Discounts for bicycle purchases and bicycle rental systems
- Employment at one of the largest universities in Germany within the University Alliance Ruhr
- A varied sports program with around 100 sport disciplines and the university's own gym

Further information:

The position is salaried and based on the collective agreement of the Länder (TV-L). If the personal and collective agreement requirements are met, the employee will receive pay grade E 13 TV-L.

Further information can be found at <https://oeffentlicher-dienst.info/> (in German).

The place of work is Ruhr University Bochum.

If the position is funded by third-party funds the employee has no teaching obligation.

A qualified application is expected.

German language courses are offered by the University Language Center (ZFA) in the field of German as a Foreign Language (DaF).

<https://www.daf.ruhr-uni-bochum.de/sbgk/index.html.en>

The Staff Council has the right to participate in all selection interviews. At the request of a candidate (m/f/x), it will ensure its participation in the entire procedure. Please contact wpr@rub.de.

The Ruhr-Universität Bochum is one of Germany's leading research universities, addressing the whole range of academic disciplines. A highly dynamic setting enables

researchers and students to work across the traditional boundaries of academic subjects and faculties. To create knowledge networks within and beyond the university is Ruhr-Universität Bochum's declared aim.

The Ruhr-Universität Bochum stands for diversity and equal opportunities. For this reason, we favour a working environment composed of heterogeneous teams, and seek to promote the careers of individuals who are underrepresented in our respective professional areas. The Ruhr-Universität Bochum expressly requests job applications from women. In areas in which they are underrepresented they will be given preference in the case of equivalent qualifications with male candidates. Applications from individuals with disabilities are most welcome.

Contact persons for further information:

Prof. Konstanze F. Winklhofer Tel.: +49 234 32 28428

Travel costs, accommodation costs and loss of earnings or other application costs for job interviews can unfortunately not be reimbursed.

We look forward to receiving your application via our **online application portal by 2025-09-15**. Please make sure to mention the reference number ANR 4950.

Vorteile für Mitarbeitende

- Vergünstigtes Jobticket
- Arbeitsplatz in lebendiger Metropolregion

Stellenmerkmale

Beschäftigungsart	Wissenschaftliche:r Mitarbeiter:in
Beschäftigungsumfang	Teilzeit (befristet)
Home Office	Nein
Bewerbungslink	https://jobs.ruhr-uni-bochum.de/jobposting/43b4f27d65852e014fa6ff231a2556745394f8f6?ref=stellenwerk

Kontakt­daten

Firma/Hochschule

Ruhr-Universität Bochum


Anschrift

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Kontakt

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Webseite

<https://uni.ruhr-uni-bochum.de/de/stellenangebote>