

Postdoc (m/f/x)

Online seit 23.04.2025 | 2025-04-23-930227 | Wissenschaftliche:r Mitarbeiter:in

Stellenbeschreibung

Faculty of Medicine:

Biochemistry of Neurodegenerative Diseases

In order to fill a **fixed-term position in full-time (39.83 hours/week = 100%) starting 01.10.2025**, we are looking for 1

Postdoc (m/f/x)

In the planned project we will specifically address the role of liquid- liquid phase separation in the regulating physiological and pathophysiological activities of proteins linked to neuronal development and neurodegenerative diseases. To address this aim, a variety of approaches, including in vitro and cellular models, have been established.

We invite highly motivated candidates who would like to combine biophysical and biochemical approaches in vitro with cell culture assays and use super resolution microscopy techniques.

Your tasks:

- Expression and purification of recombinant proteins
- Cloning of DNA plasmids
- Ubiquitylation assays
- Phase separation assay
- Fibrillization assays

Anforderungsprofil & Qualifikationen

Your profile:

Candidates should have a PhD degree in chemistry, biology, biochemistry, biophysics or related fields and a strong background in biophysics and biochemistry. Experience with protein expression and purification is advantageous.

We offer:

- Collaboration in a committed and appreciative team
- Employment at one of the largest universities in Germany within the University Alliance Ruhr
- Challenging and varied tasks with a high level of independence
- A qualified on-boarding and induction process

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 TV-L.

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

The place of work is Ruhr University Bochum.

The load of teaching will be calculated according to § 3 of Lehrverpflichtungsverordnung (state of North Rhine-Westphalia).

At the request of the applicant (m,f,x), the staff council may be involved in selection interviews.

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. Jörg Tatzelt Tel.: +49 234 32 22429

Marta Rüdiger, Barbara Schmidt +49 234 32 22428

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 2025-05-06**. Please make sure to mention the reference number ANR 4486.

Vorteile für Mitarbeitende

- Vergünstigtes Jobticket
- Arbeitsplatz in lebendiger Metropolregion

Stellenmerkmale

Beschäftigungsart	Wissenschaftliche:r Mitarbeiter:in
Beschäftigungsumfang	Vollzeit (befristet)
Home Office	Nein
Bewerbungslink	https://jobs.ruhr-uni-bochum.de/jobposting/bc3fb22a723df9ba10139e602435132e934e41f9?ref=stellenwerk

Kontaktdaten

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