

Job advertisement no. 106/2025

The department “Innovative Organoid Research (IVON)” led by Prof. Josef Penninger at the Helmholtz Centre for Infection Research (HZI), is offering the position of a

Postdoc (f/m/d)

As a member of the Helmholtz Association, the Helmholtz Centre for Infection Research, based in Braunschweig, conducts top-level research in the field of infectious diseases. Our scientists develop novel methods and strategies to fight infectious diseases faster and more effectively. Our common goal is to develop novel approaches for the prevention, diagnosis and treatment of infectious diseases. Our research focuses on bacterial and viral pathogens, their interaction with the human immune system and new effective substances and vaccines.

Our research group is dedicated to organoid-based research, which offers significant insights into the functioning of human organs in both health and disease. We specifically emphasize the crucial role of the immune system across all organs. While this enables deeper understanding of organ function and diseases, ultimately *in vivo* studies are a necessity to create a bridge between research and clinical studies. For this purpose, we are currently developing a behavioural unit to study infectious and genetic diseases under both BSL1/2 and BSL3 conditions.

We are seeking a skilled Postdoc to join us, offering essential support and development of an innovative study design as this behavioural unit is in the process of establishment.

Responsibilities:

- Actively establish behavioural studies with newly acquired equipment
- Formulating and supporting the development of animal proposals
- Participate in scientific analyses and publication of collected data
- Performing basic laboratory analyses in the relevant research field
- Undertake administrative tasks such as reporting, budget control and logistics
- Continuous monitoring of project activities

Requirements:

- Completed scientific university or master's degree (biology, microbiology, chemical biology or comparable) with PhD
- Development of study design and protocols for animal experiments
- Experience in project management
- Knowledge and experience with analysis of large data sets
- Knowledge of the application process for animal testing applications
- Experience in supervising students
- Willingness to work in a multidisciplinary, international team is required
- Very good knowledge of written and spoken English
- Good knowledge of MS Excel and Word

Advantageous for this position:

- Hands-on experience with S2 and S3 organisms
- Experience with behavioural animal studies and/or infection models highly appreciated

We offer you:

- An attractive and varied job in a future-oriented research institute with an international environment at the Science Campus South in Braunschweig
- A state-of-the-art infrastructure and the latest technologies
- Flexible working hours and workplace design
- A corporate culture of appreciation and promotion of equal opportunities
- Extensive training and continuing education opportunities to develop professional knowledge and personal skills
- A family office to support family and career as well as childcare offers
- Interesting additional public service benefits
- Option of an additional employer subsidy for the job ticket

People with severe disabilities and equivalent professional qualifications who are suitable for the position are given preference. In order to protect your rights, we ask you to provide us with a clearly recognizable reference to the existence of a degree of severe disability in your cover letter or resume.

The HZI is actively committed to equality, diversity and integration. For this reason, the HZI pursues the goal of professional equality between women and men. The position is suitable for part-time work.

Starting date:	As soon as possible. The contract will initially run for 1 year.
Salary:	E13 TVöD Bund
Working time:	39 hours per week
Place of work:	Braunschweig
Probation period:	6 months
Published:	03.09.2025
Closing date:	17.09.2025

For further information please contact Dr. Kristin Metzdorf phone 0531 6181 5013, email: kristin.metzdorf@helmholtz-hzi.de.

How to apply:

When sending us your application documents, **please confirm** that you have read our privacy policy and that you agree to the processing of your personal data. Please use the text module in our [privacy policy](#) for this purpose. **Without these declarations we cannot consider or process your application** and will immediately delete any application documents already received after the application deadline.

Please include a cover letter, resume, (employment) references, certificates, and (if available) work samples or reference projects with your application materials. Please refrain from sending a photo.

Please send your complete application, quoting the **reference number 106/2025**, to the Helmholtz Centre for Infection Research GmbH, Human Resources Department, Inhoffenstr. 7, 38124 Braunschweig, Germany or by [e-mail](#). If you send your application in electronic form, please provide a **summary in one single (1) pdf document**.

We look forward to receiving your application!