

Job advertisement no. 064/2024

The department IVON of the Helmholtz Centre for Infection Research (HZI), headed by Prof. Josef Penninger, is looking for a

**Technical Assistant - Proteins and Cell Culture
(BTA, CTA) (m/f/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 that provides important insights into the functioning of human organs in health and disease. We place particular emphasis on the crucial role of the immune system in all organs. By using organoids, we overcome the limitations of conventional cultures or animal models and create realistic representations of human tissues. This enables a deeper understanding of organ function and disease and ultimately improves therapeutic efficacy. For this purpose, we are looking for a qualified technician to support us in setting up our department.

Responsibilities:

We are looking for a qualified person to join our team and provide crucial support and expertise in various tasks essential to the day-to-day running of our laboratory. Your responsibilities will include the management and ordering of laboratory consumables and chemicals as well as ensuring the smooth functioning of our research environment. The focus will be on the production of infection-related proteins. You will play an important role in the cloning of DNA constructs and the production and characterisation of protein samples. Your technical expertise and support will be required for the establishment of protein purification processes.

Requirements:

- Completed training as a BTA, CTA or equivalent training
- Experience with molecular cloning methods (restriction/ligation, Gibson, SLIC, In Fusion, etc.)
- Experience with chromatographic methods for protein purification (affinity, ion exchange and size exclusion chromatography)
- Experience with common protein-related analytical methods for quality assurance (SDS-PAGE, Western blot, nanoDSF, DLS, etc.)
- Good written and spoken English skills
- Good knowledge of MS Excel and Word
- Willingness to work in a multidisciplinary, international team is required
- Experience with infection or transfection of cells and organoids highly desirable

Advantageous for this position:

- Experience with human and insect cell culture desired
- Experience with FPLC systems (Äkta) for protein purification is an advantage
- Willingness to work in the S3 lab. Experience is an advantage.

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, part-time models
- 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
- Possible subsidy of 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 until 31.12.2027.
Salary:	E9b TVöD Bund
Working time:	39 hours per week
Place of work:	Braunschweig
Probation period:	6 months
Published:	23.04.2024
Closing date:	15.05.2024

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 064/2024**, 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!