

Job advertisement No. 104/2025

The Helmholtz Institute for One Health (HIOH) in Greifswald is looking for a

Doctoral student (f/m/d)

to participate in the CiFly citizen science project.

The Helmholtz Centre for Infection Research GmbH (HZI) is part of the Helmholtz Association of German Research Centres, the largest scientific organisation in Germany. At the HZI, scientists focus on developing strategies to better combat infectious diseases. Their goal is to develop new methods for the prevention, diagnosis, and treatment of infectious diseases by studying both bacterial and viral pathogens and their interactions with the immune system, while also researching new substances with potential therapeutic effects.

In the CiFly project, students work together with researchers on a monitoring system for recording biodiversity and antimicrobial resistance using environmental DNA (eDNA) from flies, water, and leaf swabs. Students collect samples, analyze them together with scientists, and present their results—creating a lively exchange between science and society.

The project is funded by the Federal Ministry of Education and Research as part of the “T!Raum – TransferRäume für die Zukunft von Regionen” (Transfer Spaces for the Future of Regions) program.

You can get an insight here:

<https://www.ndr.de/nachrichten/info/Schueler-aus-Greifswald-forschen-am-Helmholtz-Zentrum.ndrinfo61504.html>

Requirements:

- Master's or bachelor's degree in life sciences or a related field
- Laboratory experience, ideally in molecular biology methods
- Interest in educational work and science communication
- Independent and team-oriented approach to work
- Very good German and English language skills

Responsibilities:

- Sample management and analysis (eDNA isolation, PCR, metabarcoding, sequencing, bioinformatic evaluation)
- Preparation and implementation of teaching units
- Communication with teachers and cooperation partners
- Supervision of students during practical teaching units

We offer you:

- Modern laboratories, including S3 unit
- State-of-the-art analytical instruments (spectral analyzer, sorting facility, single cell genomics pipelines)
- Diverse platforms for biological profiling (in vitro and in vivo)
- A vibrant scientific community and a corporate culture that values and promotes equal opportunities
- 30 days of vacation (December 24 and 31 are considered full days off)
- An annual additional payment in accordance with § 20 TVöD
- Social security included
- [DO IT doctoral program](#)
- Welcome office
- Family office
- One of the strongest research regions in Europe

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 position is held at the Helmholtz Centre for Infection Research GmbH (HZI) in Braunschweig. The place of employment is Greifswald.

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:	01. November 2025. The contract will initially run for 3 years.
Salary:	alike E 13 TVöD Bund (65%)
Place of work:	Greifswald
Probation period:	6 months
Published:	29.08.2025
Closing date:	20.09.2025

For further information about the position, please contact Dr. Johanna Eberhard per Telefon: 03834 3916-120 or by E-Mail: johanna.eberhard@helmholtz-hioh.de or Magdalena Wlodarz by E-Mail: magdalena.wlodarz@helmholtz-hioh.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 104/2025**, 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!