



Job announcement no. 2/2022

The Helmholtz Institute for RNA-based Infection Research (HIRI) is offering a position as

Scientific Data Manager (f/m/d)

to support our research at the Single-Cell Center.

The Single-Cell Center is a new joint competence center of the Helmholtz Institute for RNA-based Infection Research (HIRI) with the Medical Faculty of the Julius Maximilian University (JMU) in Würzburg. Its objective is to analyze and understand diseases at the level of individual cells. In the future, this will enable the earliest possible and most reliable prediction of a disease and how they can be treated in the best possible way. More information at www.helmholtz-hiri.de.

Responsibilities

- Development and management of databases for storing and querying transcriptome and imaging datasets generated through single-cell sequencing projects
- Development and optimization of websites, graphical user interfaces (GUI) and application programming interfaces (API)
- Development of tools to interface with laboratory information management systems (LIMS)
- Secure raw sequencing data and metadata storage and backup (e.g. disaster recovery)
- Standardize protocols for data usage to ensure reproducibility and accelerate analysis
- Creating and enforcing policies with internal stakeholders for data entries and sharing
- Routine tasks to maintain server operations
- Assist in the establishment and training on self-service tools for single-cell RNA-seq analysis

Your profile

- Bachelor's degree in information and data management, computer science, bioinformatics, data science, or similar field of study with a focus on data analysis and data management or having successfully completed training as a computer specialist
- Alternatively, completed Master's degree in life sciences with a proven extensive hands-on experience in next generation sequencing data management and handling
- Advanced scripting skills with SQL, JavaScript, HTML, Python or R as well as knowledge in Unix Shell
- Experience with Docker and git are an asset
- Interest in the research areas of HIRI
- Open to new ideas, enjoy working in an international environment and demonstrate a strong can-do spirit

We offer

We offer state-of-the-art infrastructure and cutting-edge technologies to promote scientific progress and interdisciplinary collaboration. We focus on a close integration of research and management and strive for excellence inside and outside the laboratory. Promoting equal opportunities and competencies for our employees and celebrating diversity are a matter of course for us. To ensure a good work-life balance, we have created a family-friendly atmosphere with flexible working hours and part-time models, a parent-child room and regular social activities.



Employment is through the Helmholtz Centre for Infection Research (Helmholtz-Zentrum für Infektionsforschung GmbH / HZI) in Braunschweig. The place of work is Würzburg. The position is suitable for part-time work. The HZI strives for professional equality between women and men. Therefore, women are especially encouraged to apply. 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. Since the contract will be fixed-term according to § 14 para. 2 TzBfG, applicants who have already been or are currently employed by the Helmholtz Centre for Infection Research (or its predecessor GBF) cannot be considered.

Starting date:	As soon as possible. The contract will initially run for two years. However, a longer-term commitment is aspired regardless of full- or part-time.
Salary:	E 11 TVÖD Bund
Working time:	39 hours per week
Place of work:	Würzburg
Probation period:	6 weeks
Published:	December 17, 2021
Closing date:	January 23, 2022

How to apply

We look forward to receiving your complete application including a cover letter, CV, and certificates. Please refrain from submitting a picture along with your application. Please send your application quoting the reference number **2/2022** to the Helmholtz Centre for Infection Research GmbH, Human Resources Department, Inhoffenstr. 7, 38124 Braunschweig, Germany or by email to JobsHIRI@helmholtz-hzi.de. If you send your application in electronic form, please provide a **summary in one single (1) pdf document**.

For further information please contact Dr. Tom Gräfenhan, phone 0931 31-80814, email: tom.graefenhan@uni-wuerzburg.de.

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.

About the HIRI

The Helmholtz Institute for RNA-based Infection Research (HIRI) is the first institution worldwide to combine ribonucleic acid (RNA) research with infection biology. Based on novel findings from our strong basic research program, our long-term goal is to develop innovative therapeutic approaches to better diagnose and treat human infections. HIRI is a joint venture of the Helmholtz Center for Infection Research (HZI) in Braunschweig and the Julius Maximilians University of Würzburg (JMU) and is located on the Würzburg Medical Campus.

More information at www.helmholtz-hiri.de.