



Job announcement no. 1/2022

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

Postdoctoral position: “RNA-protein interactions at the virus-host interface” (f/m/d)

in the Research Group “LncRNA and Infection Biology” (LRIB) under the direction of Jun. Prof. Dr. Mathias Munschauer.

The Munschauer lab is recruiting a postdoctoral researcher to lead an innovative research project centered on the proteomic and transcriptomic analysis of host cells undergoing infection with RNA viruses. The Munschauer lab takes an RNA-centric approach to study how viruses interface with their hosts and how host cells respond to infection. We apply state-of-the-art technologies to obtain an in-depth understanding of the protein and RNA interactions that contribute to shaping infection outcomes (see Schmidt *et al.*, **Nature Microbiology** (2020)). The successful applicant will work with a young and aspiring team of scientists and apply a cutting-edge suite of mass spectrometry and sequencing-based techniques to dissect RNA-protein complexes and their regulatory functions at the interface of RNA and infection biology.

Requirements

- PhD or equivalent in biology, microbiology, biochemistry, genomics, or a related field of the life sciences or engineering
- Strong background in molecular virology
- Experience with next-generation sequencing methods or mass spectrometry-based proteomics
- Strong written and spoken English language communication skills
- Highly motivated, organized, and independent

Desired (non-essential) background

- Experience with Python or R programming

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.

Starting date:	As early as immediately for two years. However, a longer-term commitment is aspired regardless of full- or part-time.
Salary:	E 13 TVöD Bund
Working time:	39 hours per week
Place of work:	Würzburg
Probation period:	6 months
Published:	December 17, 2021
Closing date:	January 16, 2022

How to apply

We look forward to receiving your complete application including a cover letter, CV without picture, certificates, and a ½ - 1 page description of a prior research project. Please send your application quoting the reference number **1/2022** 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 Jun. Prof. Dr. Mathias Munschauer, email: mathias.munschauer@helmholtz-hiri.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.