

**Job announcement no. 195/2022**

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

**PhD positions (f/m/d) in the Graduate Training Program “RNA & Infection”**

**Project description**

The HIRI in Würzburg is a federally funded research institution whose mission is world-class science at the interface of RNA & infection biology. We perform basic research on the role RNA plays in pathogens and infected hosts. Our ultimate goal is to leverage the vast potential of RNA as a diagnostic, target, and drug to combat infectious diseases, such as those caused by SARS-CoV-2 or multidrug-resistant bacteria. Examples include developing new single-cell technologies as well as RNA-seq and CRISPR-based methodologies to visualize and interrogate infection processes.

The HIRI Graduate Training Program “RNA & Infection” was launched in 2018 and is dedicated to training the next generation of scientists to become experts in both RNA biology and infectious diseases. The program is highly unique by offering fully-funded positions independent of any group or project. Building on this independence, PhD students participate in lab rotations in three HIRI groups of their choice and then select their advisor and thesis project. Students also receive structured mentoring and training throughout their PhD, including short intensive courses in RNA and infection biology, annual scientific retreats, and opportunities to present at international conferences.

For further information about the program and the HIRI, please visit: <http://www.helmholtz-hiri.de>.

**Qualifications**

- Academic degree (MSc or equivalent) in molecular biology, microbiology, biochemistry, cell biology, bioinformatics, bioengineering, biotechnology, or a related field
- Strong academic and scientific track record
- Dedication to work at the interface of RNA and infection biology
- Good English communication and presentation skills (written and spoken)
- Ability to work with people from different backgrounds and cultures
- Highly self-motivated, enthusiastic and high potential to work independently

Disabled persons are given preference in the case of equal professional qualification. The HIRI aims for professional equality between women and men. The position is suitable for part-time work.

**We offer you**

- state-of-the-art infrastructure and cutting-edge technologies to promote scientific progress and interdisciplinary collaboration.
- 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.
- a family-friendly atmosphere with flexible working hours and part-time models, a parent-child room and regular social activities to ensure a good work-life balance
- close ties to both Julius-Maximilians-University of Würzburg (JMU) and the HZI
- unique network of excellent partners to support your research endeavors
- 30 days vacation (24.12. & 31.12. are considered as completely free days)
- an annual additional payment (Weihnachtsgeld) analogue to § 20 TVöD
- social security included

The successful candidate will be integrated in the Graduate School of Life Sciences (GSLS) of the Julius-Maximilians-University of Würzburg (JMU) which provides an innovative structured PhD program.

More information at <https://www.graduateschools.uni-wuerzburg.de/life-sciences/startseite/>.

<b>Starting date:</b>	Spring 2023 - Initial term of 1 year with a 2-year extension
<b>Salary:</b>	a like E13 TVöD/Bund (65%)
<b>Probation period:</b>	6 months
<b>Working place:</b>	Würzburg
<b>Published:</b>	<b>November 7<sup>th</sup>, 2022</b>
<b>Closing date:</b>	<b>December 11<sup>th</sup>, 2022</b>
<b>Interviews:</b>	Shortlisted candidates will be interviewed by several group leaders at the HIRI in December.
<b>Application:</b>	Applicants are required to complete the online application form here: <a href="https://hzi.opencampus.net/">https://hzi.opencampus.net/</a> (Please select Job No. <b>195/2022</b> )

For further information on the program, please contact Dr. Tim Schnyder at [tim.schnyder@helmholtz-hiri.de](mailto:tim.schnyder@helmholtz-hiri.de).

#### **About the HIRI**

The Helmholtz Institute for RNA-based Infection Research (HIRI) is the first institution of its kind 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 site of the Braunschweig Helmholtz Centre for Infection Research (HZI) in cooperation with the Julius-Maximilians-Universität Würzburg (JMU) and is located on the Würzburg Medical Campus.

More information at [www.helmholtz-hiri.de](http://www.helmholtz-hiri.de).