

Young investigator groups “RNA & infection”

Helmholtz Institute for RNA-Based Infection Research (HIRI)

The HIRI is a new institute in Würzburg, Germany, launched by the local Julius Maximilians University (JMU) and the Helmholtz Centre for Infection Research (HZI) in Braunschweig. HIRI's mission is to exploit the potential of ribonucleic acid (RNA) as a diagnostic molecule, target and drug for new strategies to combat infectious diseases. The natural synergy between the HIRI and the infection research and translational competences of its parent institutions will create unique opportunities to effectively convert RNA knowledge into new forms of intervention.

The **Helmholtz Institute for RNA-based Infection Research (HIRI)** now invites applications for **junior research group leaders** (W1 level). Major research topics of the HIRI include:

- Single-cell RNA analysis of the complexity and heterogeneity of infection processes
- Regulatory RNAs with essential roles in pathogenesis
- RNA-based mechanisms in virulence and host defense
- RNA structure profiling, RNA modifications and RNA localization
- Delivery techniques for RNA-based interventions
- Exploiting RNA for new diagnostics, preventives and anti-infectives

We seek to strengthen RNA-based research activities in the areas of bacterial and viral pathogens and the infections they cause. Necessary requirements for these positions are a PhD in biology, chemistry or human medicine and solid background knowledge in microbiology, virology, cell biology, pathogen-host-interaction, RNA biology, single cell analysis, bioinformatics and biochemistry. All position holders will be appointed civil servants at the JMU. Positions will be fixed for 3+3 years with a tenure option.

HZI and JMU aim to increase the proportion of female professors and encourage qualified women to apply. Equally qualified applicants with disabilities will be given preference.

Further information may be obtained on naturejobs.com (search for “RNA + HIRI”) or from the Acting Director of the HIRI, Jörg Vogel (email: joerg.vogel@helmholtz-hzi.de).

Applications (cover letter, curriculum vitae, a list of publications, statement of current and future research, contact information for academic references) should be directed not later than May 30th, 2017 to OFFICE-vogel@helmholtz-hzi.de