

The Faculty of Medicine at the Julius Maximilians University of Würzburg and the Helmholtz Institute for RNA-based Infection Research (HIRI) jointly invite applications for a

Full Professorship (W3) in RNA Synthetic Biology.

The professorship is a permanent position to be filled at the earliest possible date.

We seek to appoint a leading expert with an internationally visible research profile at the interface of RNA biology and infectious diseases to represent the field of RNA Synthetic Biology in research and teaching. The professorship will focus on the application of findings from RNA synthetic biology for the development of genetic tools and antimicrobial agents. Central research topics will include the development and application of genetic tools for bacterial non-model human pathogens and the construction of transport vehicles for the efficient introduction or expression of RNA in bacteria.

We welcome applications from candidates with leadership skills, as well as basic scientific and translational work that enable participation in the university's biomedical research structures. Applicants should hold a degree in chemical engineering or biotechnology and possess expertise in synthetic biology, in the field of regulatory bacterial RNAs and the application of CRISPR/Cas systems. Also required are pedagogical aptitude, the ability to do scientific work demonstrated by the quality of a doctorate and additional scientific achievements proven by a habilitation, in the context of a junior professorship or equivalent outside the university sector.

The Helmholtz Institute for RNA-based Infection Research (HIRI), established in May 2017, is a joint venture between the Helmholtz Centre for Infection Research (HZI) Braunschweig and the Julius Maximilians University of Würzburg (JMU). Located on the Würzburg medical campus, it is the first research institution in the world to focus on the role of RNA in infection processes. The HIRI employs integrative approaches to exploit the vast potential of RNA as a diagnostic molecule and as a target or drug for new strategies to combat infectious diseases. We offer an international and vibrant scientific environment, as well as state-of-the-art infrastructure. For further information, please visit www.helmholtz-hiri.de or contact the founding director Jörg Vogel (joerg.vogel@uni-wuerzburg.de).

The Helmholtz Society and the JMU seek to increase the number of women holding professorships and explicitly invite outstanding female scientists to apply. Equally qualified applicants with disabilities will be given preference.

The legally binding German version of this announcement will be published in "DIE ZEIT" on December 23rd, 2020. The advertisement and downloadable application form are also available at <https://www.med.uni-wuerzburg.de/fakultaet/berufungsverfahren/>. Please submit your application in English (or German) with the usual documentation (cover letter, signed curriculum vitae, copies of academic certificates and appointments, list of teaching activities including evaluations, list of publications and third-party funding) by 15.02.2021. We prefer applications to be sent as a single pdf file to f-medicin@uni-wuerzburg.de. Alternatively, printed copies can be addressed to:

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