



The **Bacterial RNA Biology Group** headed by **Dr. Kathrin Fröhlich** invites applications for a

Postdoctoral position (100%) in RNA Biology

at the Institute of Microbiology – Friedrich Schiller University Jena

commencing on February 1st, 2025 (or upon agreement).

We offer a full-time position (40 hours per week) for two years with the possibility of extension.

The main interest of our group is how regulatory RNAs and RNA-binding proteins are embedded in the adaptation of bacteria to changing environmental conditions. Chemical modifications of RNA have the potential to not only affect stability and structure of the nucleic acid but, when located within coding regions, to post-transcriptionally alter the genetic information and to lead to novel, functionally distinct protein isoforms. As a member of our research team you will systematically study the distribution, frequency, regulation and functional consequences of RNA editing in bacteria using state-of-the-art biochemical methods, next generation sequencing and computational analyses.

Your profile:

- PhD in microbiology, biochemistry or a related field with proven training in experimental RNA work
- Experience with the computational analysis of RNA sequencing datasets is desired
- Excellent interpersonal communication, teamwork, and organizational skills
- Strong oral and written communication skills in English

We offer:

- An interdisciplinary and international research environment at the Friedrich Schiller University Jena and interaction with collaboration partners worldwide
- Remuneration based on the provisions of the Collective Agreement for the Public Sector of the Federal States (TV-L) at / up to salary scale 13 depending on the candidate's personal qualifications
- 30 days of vacation per calendar year

The Friedrich Schiller University Jena is committed to increase the number of women in research and teaching. Therefore, the university explicitly encourages qualified female scientists to apply. Applicants with severe disabilities will be given preference in the case of equal qualifications and suitability.

We look forward to receive your application to Kathrin.froehlich@uni-jena.de with the following documents compiled in a single PDF:

- Cover letter summarizing your motivation, research interests, experiences and goals
- CV including a publication list
- Contact details of at least two references

The deadline for applications is **November 15th 2024** but applications will be reviewed on a rolling basis.