



UNIVERSITY  
OF COLOGNE

Faculty of Mathematics and Natural Sciences

## Postdoctoral Researcher (f/m/x) – AG Rugarli

Institute for Genetics | CECAD



Foto: Fabian Stürzt

We are one of the largest and oldest universities in Europe and one of the most important employers in our region. Our broad range of subjects, the dynamic development of our main research areas and our central location in Cologne make us attractive for students and researchers from around the world. We offer a wide range of career opportunities in science, technology, and administration.

One postdoc position (f/m/x) is available starting January 2025 in the group of Elena Rugarli at the Cologne Excellence Cluster on Cellular Stress Responses in Aging-Associated Diseases (CECAD) and Institute for Genetics of the University of Cologne. Our group is interested in studying how disturbance of mitochondrial quality control leads to neurodegenerative diseases. We investigate intra-mitochondrial quality control components as well as the role of RNA-binding proteins in regulating mitochondrial function. As part of the Collaborative Research Centre 1218, we seek an enthusiastic and highly motivated scientist (f/m/x). You can find more information here: (<https://sfb1218.uni-koeln.de/>).

The research environment in the Cologne campus is stimulating and dynamic. The group closely collaborates with other groups working on mitochondrial medicine such as the Max Planck Institute for Biology of Ageing, and is integrated in the CECAD Cluster of Excellence Cellular Stress Responses in Aging-Associated Diseases and the Institute for Genetics.

### YOUR TASKS

- » Develop a project in the field of RNA biology and mitochondrial function
- » Design and lead a research project to elucidate mechanisms how the RNA-binding protein CLUH regulates mRNAs encoding mitochondrial proteins
- » Conduct your own research project under the supervision of the Principal Investigator
- » Accurately record and analyse your data, according to good scientific practice

### YOUR PROFILE

- » Doctoral degree in Biology, Biochemistry, Genetics, Neurobiology or equivalent
- » Practical experience in a broad range of molecular, biochemical and cell biology techniques is essential
- » Previous experience in the fields of RNA biology, translational regulation and structural biology is an advantage
- » Team player who can work independently in an international team
- » Proactive, flexible and problem-solving attitude

### WE OFFER

- » An international and stimulating research environment with access to state-of-the-art facilities
- » A diverse working environment with equal opportunities
- » Support in balancing work and family life
- » Extensive advanced training opportunities
- » Occupational health management offers
- » Flexible working time models

The University of Cologne promotes equal opportunities and diversity. Women will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from all suitable candidates regardless of their gender, nationality, ethnic and social origin, religion, disability, age, sexual orientation and identity.

The position is available from 01.01.2025 on a full-time basis (39,83 hours per week). The position is to be filled for a fixed term until 30.06.2028. If the applicant meets the relevant wage requirements and personal qualifications, the salary will be based on remuneration group 13 TV-L of the pay scale for the German public sector.

Please apply online with proof of the required qualifications (including: Curriculum vitae with lists of publications, awards, oral presentations at international conferences; a letter of motivation, including a brief summary of research achievements and future research plans; contact details of two referees) without a photo under:

<https://jobportal.uni-koeln.de>. The reference number is Wiss2407-36. The application deadline is 30.09.2024. For further inquiries, please contact Ms Claudia Ballweg ([cballweg@uni-koeln.de](mailto:cballweg@uni-koeln.de)).