UNIVERSITÄT BIELEFELD

Faculty of Biology

Opening for a Research associate

Join our dedicated team and drive innovation in RNA biology

Our group at Bielefeld University, Germany, is delving into the intricacies of posttranscriptional networks, governed by ribonucleoproteins, miRNAs and long noncoding RNAs.

With state-of-the-art **Ribonomics techniques** developed in our group such as Plant iCLIP2, RIP-seq or RNA affinity purification we're deciphering molecular mechanisms of RNA-based regulation.

Through a bilateral German-French collaboration funded by DFG and ANR, we address
- Roles of long noncoding RNAs and RNA-binding proteins in thermoresilience
- Interplays between RNA recognition through sequence motifs and structure
- Impact of RNA-binding proteins on splicing of their *in vivo* target transcripts
- Biotechnological applications to manipulate splicing patterns in crop plants
- Bioinformatics of iCLIP data
- Functions of RNA-binding proteins in translational regulation and stress granule formation

Your profile
We are looking for highly motivated and talented candidates with a very good PhD degree in genetics, biochemistry, molecular biology or plant science. The ideal candidate should have advanced knowledge on molecular biology, biochemstry and plant physiology. Experience in genomic techniques such as RNA-seq and RNA-protein interactions would be advantageous. Candidates should have a good publication record, some experience in teaching and guidance of students and are expected to be highly organized and capable of working independently and within the team. We are looking for candidates excited about science!

What the position offers you
We offer a full position after the E13 TV-L until 31.08.2026 initially. Our group is well funded and located at the University of Bielefeld which offers opportunities for internal and external training and education opportunities, and funds to support projects of early career researchers. We offer an excellent working atmosphere and support the Dual-Career Program for partners.

How to apply
Informal enquires are welcome to Prof. Dr. Dorothee Staiger, dorothee.staiger@uni-bielefeld.de
Interested? Please submit a letter of motivation describing your research interest, a CV and the names and contact information for 2 references in a single pdf via the online portal

or via e-mail to dorothee.staiger@uni-bielefeld.de.
Closing date 08.02.2024