



## Open PhD position Crosstalk between splicing and RNA 3' end formation

We are seeking a **highly motivated and dedicated candidate** who is excited about cutting-edge RNA biology.

We are an **international research team** investigating RNA-based regulation. The department is embedded into an excellent research infrastructure at Bielefeld University with state-of-the-art technologies for molecular, biochemical and cellular biology.

The successful candidate will be working on a **DFG-funded bilateral Beethoven Life project** investigating the interplay between pre-mRNA splicing and mRNA 3' end formation. Towards this end, we will profile the binding landscape of selected polyadenylation and splicing factors using cutting-edge technologies like individual nucleotide resolution crosslinking and immunoprecipitation (iCLIP). Orthogonal approaches including high throughput sequencing, determination of protein interaction partners by pulldown and *in situ* proximity ligation assay, and CRISPR/Cas based mutagenesis will assess the functional relevance of crosstalk between the spliceosome and the polyadenylation machinery.

### Your profile:

- Excellent master's degree in biology, biochemistry, genetics or related discipline
- Strong background in standard molecular biological techniques
- Team spirit,
- Fluent spoken and written English

The **position is available immediately** (starting date is optional). Gross salary will be 65 % TV-L E13. Bielefeld University is committed to support equal opportunity; we encourage applications from qualified women and persons with disabilities.

Please send your application including CV, publication list, research interest and contact information of references (single pdf) within two weeks to:

[dorothee.staiger@uni-bielefeld.de](mailto:dorothee.staiger@uni-bielefeld.de)

For informal enquiries: Prof. Dr. Dorothee Staiger, Tel. ++49 521 106 5609

For our recent work see <http://www.uni-bielefeld.de/biologie/rna-biology/>