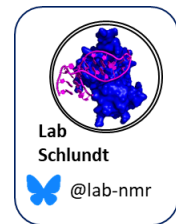


PhD position: Structural Biochemistry of pre-mRNA splicing decisions



We offer a fully funded **PhD position for 3 years with the possibility of extension**.

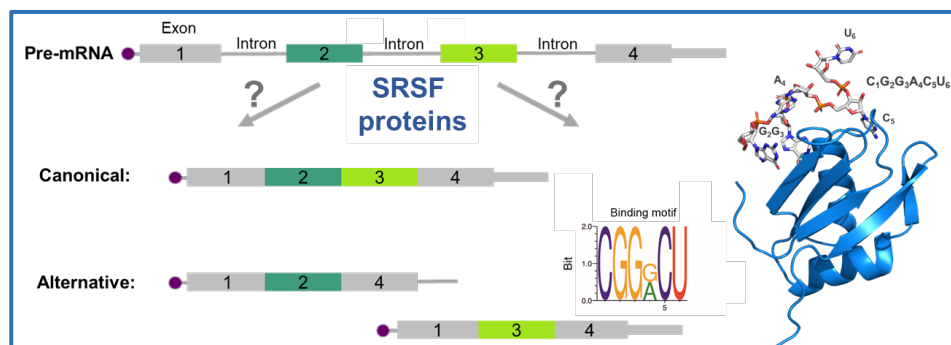
You will be part of a growing, international team in the **Institute of Biochemistry** at the University of Greifswald. The [Schlundt lab](#) is excellently embedded in a large research infrastructure and with the neighboring departments, as well as one of Germany's best university hospitals.

The position is to be filled at the earliest possible time point and remuneration is in accordance with **salary grade 13 TV-L (65%, collective agreement of the federal states)**. Beyond that, this position is an ideal option for your scientific, methodological and personal development, which is supported by a large pool of university course offers. German language skills are not required.

Project description:

You will carry out work on a critical pre-mRNA splicing factor of the SRSF family using structural and biochemical analysis of protein-RNA and protein-inhibitor complexes relevant for the discrimination of canonical and alternative splicing decisions, and in concert with other SRSF splicing factors.

Our central methodologies are solution NMR, crystallography and SAXS, together with a broad method spectrum from biochemistry and biophysics (EMSA, ITC, FP, SPR, CD, aSEC). We will follow an interdisciplinary approach including collaborations for cell biology and transcriptomics/proteomics; especially the **DFG Excellence Cluster 'SCALE (SubCellular Architecture of LifeE)'**.



You will bring:

- M.Sc. or Diploma in chemistry, biochemistry, molecular biology or biophysics
- Knowledge in the cloning and production of proteins and/or RNAs
- First experience in the analysis or structure determination of proteins and their interactions
- Good written and spoken English language skills
- High degree of independence, teamwork skills, interest in external lab stays

Do not hesitate to **get in contact with questions and any informal requests!**

You will find an overview of the most recent research activities of the Schlundt lab [here](#).

Applications - by e-mail as one PDF file - with the usual documents (letter of motivation, CV, copies of certificates, names and contacts of at least two references) should be sent to (ideally via mail):

Universität Greifswald, Institut für Biochemie

Herr Prof. Dr. Andreas Schlundt

Felix-Hausdorff-Str. 4, Room C122

andreas.schlundt@uni-greifswald.de