

March 2022



PhD position in Structural Biochemistry

Topic

Structural and functional analysis of regulatory transcription complexes

Methods

Single particle cryo-Electron Microscopy
Biochemical techniques
3D structure modelling

Funding

DFG-funded position with 65% TV-L E13

Application Deadline: April, 15th 2022

Start of position: As soon as you are available

Graduate School

The successful candidate will be associated with *Sonderforschungsbereich 960* and the *Regensburg Center for Biochemistry* community, and embedded into the structured PhD program '*RNA-Biology*' of the Regensburg International Graduate School (RIGeL)

The project

Is centered on eukaryotic RNA polymerase structure, function and regulation but can be shaped in coordination with the candidate.

Recent examples of work from our group include: Daiß et al. (bioRxiv), Hochheiser et al. (Nature 2022); Heiss et al. (Nature Communications 2021), PilsI et al. (Nature Communications 2020) and Engel et al. (Cell, 2017)

Your Background

MSc. (or equivalent) in Biochemistry, Biophysics, Biology, Microbiology or similar. Ideally, but not necessarily, you are familiar with methods of protein purification and/or the workflow of structure determination using single-particle cryo-Electron Microscopy.

For details, please contact christoph.engel@ur.de

www.uni-regensburg.de/biologie-vorklinische-medizin/strukturelle-biochemie

www.biologie.uni-regensburg.de/RCB

