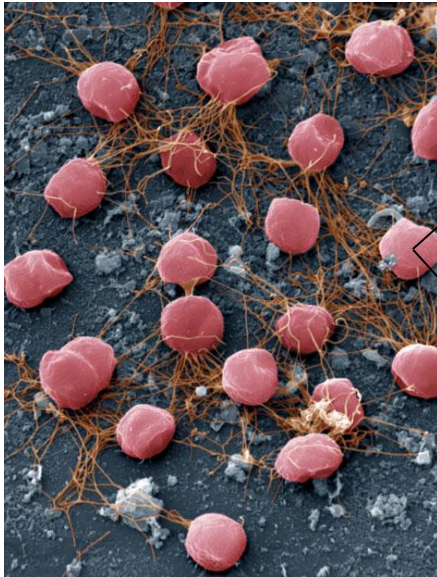
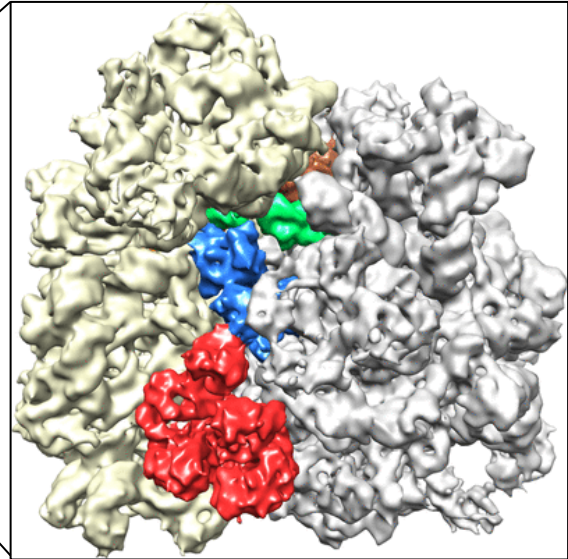


September 2019

Kengen, *Mic.Biotech*, 2017Becker et al, *Nature*, 2012

## PhD position in cryo-EM analysis of Ribonucleoprotein Particles in Archaea

### Topic

*In vitro* assembly and structural characterization of highly dynamic ribonucleoprotein particles (RNPs) in Archaea

### Methods

Microbiology and biochemical techniques  
Single-Particle cryo-Electron Microscopy  
Computational processing and 3D modelling

### Funding and expected duration

DFG-funded 65% TV-L E13 position starting between Nov. 1<sup>st</sup> 2019 and Feb. 1<sup>st</sup> 2020 for three to four years

In a collaborative project between the Microbiology (Prof. Grohmann) and Structural Biochemistry (Prof. Engel) Departments of the University Regensburg, we offer a fully funded PhD position in the framework of SFB 960 'Principles of RNP biogenesis and control of their function'. The project aims at the structural and functional characterization of dynamic RNPs specific to the archaeal domain of life. The successful candidate (f/m/d) has a background in biochemistry or microbiology (preferably but not necessarily basic knowledge of transmission electron microscopy) and will be integrated into the RNA-Biology research academy of the international graduate school 'RIGeL'.

For details, please contact [dina.grohmann@ur.de](mailto:dina.grohmann@ur.de) and [christoph.engel@ur.de](mailto:christoph.engel@ur.de).  
Please submit your application no later than **September 30<sup>th</sup> 2019**