



## Postdoc (f/m/x) - Cryo-electron tomography RNA virus-entry

The [Chlanda Lab](#) at Heidelberg University is seeking to recruit a highly motivated postdoc in the field of structural virology to **identify novel viral entry factors and develop novel antiviral approaches**. The postdoc will be based at Heidelberg University and will join an interdisciplinary and international consortium to apply *in situ* cryo-electron tomography, cryo-correlative light and electron microscopy and image processing methods to study virus-infected cells and purified viruses.

### Your profile:

- Doctoral degree in one or a combination of the following fields: structural biology, virology and cell biology.
- Skills in cryo-EM methods, computational biology, virology and cell biology methods
- Strong collaborative and communication skills, ability to work constructively and effectively, both independently and as part of a team

### What we offer:

- Salary based on TV-L E13, funding for 5 years
- Excellent scientific environment with a focus on infectious diseases and imaging methods
- High-end cryo-EM and light microscopy facilities operating at BSL2 and BSL3 conditions  
[Heidelberg cryo-EM network](#) (Aquilos 2 – iFLM, Krios-GIF-K3, Glacios, Talos120)  
[Infectious Diseases Imaging Platform](#)
- A welcoming, friendly and dynamic environment, vibrant cryo-EM community – weekly meetings, cross-institutional interactions
- Career support provided by Heidelberg University – [heiTracks](#)

### Application deadline and starting date:

- Starting date: February-March, 2025
- Application deadline: **beginning of January, 2025**
- Inquiries and applications (CV, motivation letter, and list of referees) should be addressed to: Petr Chlanda ([petr.chlanda@bioquant.uni-heidelberg.de](mailto:petr.chlanda@bioquant.uni-heidelberg.de))