

OPEN POSITION for a postdoctoral fellow at Heidelberg University (research team Ralf Bartenschlager)



The Bartenschlager group is studying the interaction between plus-strand RNA viruses such as Dengue and Zika virus, SARS-CoV-2 and Hepatitis C virus and their host cells. One major focus is the cell biology underlying virus – host cell interactions aiming to understand how viruses reprogram cells for robust viral replication with the goal to identify possible drug targets for antiviral therapy. As part of that we study the 3D architecture, biogenesis and molecular composition of the membranous viral replication organelles. Another major aim is to decipher how these viruses activate innate cytokine responses and the viral countermeasures. To reach these goals, we use standard molecular and cell biological methods, -omics based approaches, genetic screening as well as cutting-edge light and electron microscopy methods. To complement our research team and to work on the interactions between plus-strand RNA viruses with their host cells as well as activation and inhibition of innate cytokines responses, we are seeking for a highly motivated postdoctoral candidate.

Desired qualifications are:

- A Ph.D. (or equivalent degree) in biology or related field with a strong publication record.
- Profound knowledge in virology and cell biology.
- Solid experience in state-of-the-art cell and molecular biology techniques.
- Sound knowledge in virology and hands-on experience with light- and electron microscopy methods are of advantage.
- To work accurately and being able to conduct independent research, but also enjoying to work in an international and interdisciplinary environment. This includes being willing to advise students in the lab.
- Fluency in English language (written and spoken) is mandatory.

What we offer:

- A dynamic growth environment for your professional and personal advancement
- Access to state-of-the-art laboratories and infrastructure as well as flexible working hours
- Networking opportunity and visibility in wide-spread national networks of highest quality (like e.g. TRR179, SFB1129, DZIF)
- Access to many university-offers such as job-ticket, active health promotion and possibility of childcare (crèche and kindergarten)
- A creative and vibrant environment in an international, science-oriented, and one of the most beautiful cities in Germany
- An internationally highly competitive salary according to the Baden-Württemberg civil service remuneration system (TV-L E13)

Further information about our research and example references can be found at (please copy-paste the link):

<https://www.klinikum.uni-heidelberg.de/zentrum-fuer-infektiologie/molecular-virology/about-us/research-teams/ag-bartenschlager>

Candidates interested in this position should send their application via Email to Ralf.Bartenschlager@med.uni-heidelberg.de