

## Job posting

### Type of position

  

scientific  
administrative

### Target group

  
  

graduates  
post docs  
other

**Title** Doctoral researcher (f/m/d) Developing new strategies for efficient production of viral envelop proteins for vaccinology and expression of membrane proteins in optimized insect cell lines

**Institution** The research group Recombinant Protein Expression of Dr. Joop van den Heuvel at the Helmholtz Centre for Infection Research (HZI) in Braunschweig, Germany is seeking a

**Position** Doctoral researcher (f/m/d)

Starting date: 1 May 2019 - Initial contract for 3 years  
Salary: follows TVöD E13 (50%) with the possibility of an additional payment of 15%  
Probation period: 6 months

**Responsibilities** In the department Structure and Function of Proteins, research group Recombinant Protein Expression, we are looking for a new PhD candidate. As part of the EU-funded Project Instruct-Ultra we focus on the development of a new method for high throughput expression of the challenging production of membrane proteins and viral envelope proteins.

The main focus of our research group is to produce ample amounts of high-quality protein samples for structural and functional analysis in the scope of bacterial infection, viral infection and drug-target research. Biophysical quality of the proteins, protein-protein interactions as well as biochemical activity will be investigated within this project. If you are qualified in the research field of biotechnology, infection research or molecular biology and are looking for a challenging project in an excellent scientific environment please feel free to contact us. High self-motivation and enthusiasm as well as the ability to work independently as part of an international team are required.

**Requirements**

- Master's Degree in biotechnology, biochemistry, molecular biology or a related field of the life sciences
- Excellent English communication skills (written and spoken)
- Ability to work independently and as part of an international team
- Practical experience in cell culture techniques

**Application procedure (deadline etc.)** Applicants are required to complete the online application form here: <https://hzi.opencampus.net/> (Please select Job No. 22/2019). Closing date: 7 April 2019

**Contact** For more details regarding the position, please contact Dr. Joop van den Heuvel via email: [Joop.vandenheuvel@helmholtz-hzi.de](mailto:Joop.vandenheuvel@helmholtz-hzi.de), or by phone: +49 531 6181-7046. Further information about the institute and the research group of Dr. Joop van den Heuvel can be found on our website: [https://www.helmholtz-hzi.de/en/research/technology\\_platforms/overview/recombinant\\_protein\\_expression/our\\_research/](https://www.helmholtz-hzi.de/en/research/technology_platforms/overview/recombinant_protein_expression/our_research/)