Job posting

**Type of position**
- ☑ scientific
- ☐ administrative

**Target group**
- ☑ graduates
- ☐ post docs
- ☐ other

**Title**
1 PhD position (f/m/d) at TEXIMMED2-FR (Translational EXperimental IMmunology lab MED II, University Hospital Freiburg)

**Institution**
With roughly 12,000 employees, the Medical Center – University of Freiburg is among the largest university medical centers in Germany. Around 1,360 doctors and more than 3,000 nurses provide care to more than 71,000 inpatients and around 821,000 outpatients per year. The Medical Center – University of Freiburg engages in research, teaching, and healthcare as its core responsibilities, always with the goal of offering its patients treatment informed by the latest scientific findings – today and in the future.

**Position**
CoViPa (Corona Virus Pathogenesis) is a newly funded, internationally competitive and interdisciplinary network funded by the Helmholtz Association for the duration of 4 years starting on 1st of August 2021. The main focus of the network is to gain knowledge about the virological and immunological drivers of COVID-19 pathogenesis and the parameters of immune protection.

At TEXIMMED2-FR (Translational EXperimental IMmunology lab MED II, University Hospital Freiburg) the PhD student will work on SARS-CoV-2-specific CD8+ T cell immunity in natural infection and after vaccination (SARS-CoV-2 vaccines: a balance between protection and immunopathology) For further information about our research please visit: https://www.uniklinik-freiburg.de/medizin2/forschung/experimentelle-forschung/ag-thimmehofmann.html

Detailed project descriptions: https://covipa.dkfz.de

**Responsibilities**
You will perform the analyses of CD8+ T cell responses during the natural course of SARS-CoV-2 infection and after vaccination strategies. This includes but is not limited to:
- autonomous processing of research tasks dealing with immune responses in viral infections
- strong collaborative work within the CoViPa consortium
- application of state-of-the-art and cutting-edge methods of cell and molecular biology including high dimensional FACS, single cell transcriptome analysis and CyTOF
• establishing of new methods to elaborate on subsequent research questions
• presentation of results on regular lab and consortium meetings and international conferences
• writing of manuscripts for publication in international peer-reviewed journals

Requirements

• Graduation (M. Sc.) in biology, molecular medicine or related subjects preferentially with focus on immunology or virology
• Strong interest in translational research and immunological research questions
• Distinct working autonomy combined with a high capacity for teamwork
• A careful and focussed working habit
• Pleasure in scientific working and documentation

Application procedure (deadline etc.)

! Deadline: 2nd of July 2021 !

Submission of written applications to the CoViPa Office (covipa-bw@dkfz-heidelberg.de)
The applications will be forwarded to Prof. Dr. Robert Thimme and Dr. Maike Hofmann.

Contact

CoViPa Office
covipa-bw@dkfz-heidelberg.de