

Institute of Molecular Virology



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To support our team at the Institute of Molecular Virology, Ulm University (<https://www.uniklinik-ulm.de/molecular-virology.html>) we are looking for motivated

Master students (m/f/d)

- Are you curious to know what makes pandemic viruses so successful?
- Do you want to develop novel antivirals or find innovative ways to help our immune system to fight these infections?
- Are you intrigued by interdisciplinary research at the interface of virology, molecular biology, chemistry, nanotechnology, and quantum effects?

We offer Master student positions at the Institute of Molecular Virology, Ulm University. The aim of the Master theses will be the discovery and characterization of peptide-based compounds that strengthen our innate immune responses against pandemic viruses – including SARS-CoV-2 and HIV-1, and the development of an ultrasensitive viral diagnostic assay based on nanodiamonds and quantum optics. You will learn a variety of state-of-the-art molecular biology, biochemistry, bioinformatic and biophysical techniques and get a unique insight into the world of pandemic pathogens. As a Master student you become a valued team member having own tasks and responsibilities, as well as a defined project.

Please, send your application by E-Mail to: **Konstantin Sparrer**; konstantin.sparrer@uni-ulm.de. We are looking forward to your application in English, preferably in a single PDF file.