



LUDWIG-
MAXIMILIANS-
UNIVERSITÄT
MÜNCHEN

MAX VON PETTENKOFER-INSTITUT
LEHRSTUHL VIROLOGIE



Max von Pettenkofer-Institut für Hygiene und Medizinische Mikrobiologie, Pettenkoferstraße
9a, · 80336 München



**The Virology (chair: Professor Oliver T. Keppler) of the Max von Pettenkofer Institute,
at the LMU München, Munich, Germany offers a**

Postdoctoral Position in Coronavirus Research (m/f/d), E13, full time

for 3 years in the laboratory of Professor Keppler.

Pandemics caused by SARS-CoV-2 or influenza viruses are major challenges to human health. We are interested in understanding the evolution and mechanisms of immune evasion and the development of antiviral strategies. We have developed novel assays to study adaptive immunity against SARS-CoV-2 including the evaluation of the potency of neutralizing antibodies (Wrtil et al., Nature Medicine 2022; Keppler-Hafkemeyer et al., Nature Cancer 2022; Huth et al., New England Journal of Medicine 2023) and demonstrated the antiviral efficacy of innovative click-chemistry modified, stabilized siRNAs against replication-competent virus (Traube et al., Angewandte Chemie 2022). We now seek to expand characterizations of antiviral immunity and optimize antiviral approaches against influenza viruses and SARS-CoV-2 that are being advanced in an interdisciplinary consortium. Moreover, we have identified a number of genes that are critical to SARS-CoV-2 replication and will be characterized on a mechanistic level.

The successful candidate will have an outstanding publication record and practical experience in virology (ideally at biosafety level 3), molecular biology, biochemistry and/or immunology. We expect a strong interest in virology, the ability to perform creative and independent research, and a very high level of motivation. We offer a highly interesting research topic with great biomedical relevance in a stimulating and interactive scientific environment at an internationally competitive level. The LMU research campus offers world class collaborations and access to core facilities.

Please send your applications with full CV including list of publications, letter of motivation, and references until **November 15, 2023** to keppler@mvp.lmu.de.