



PhD Studentships in Virology and Immunology (x3)

The Institute of Medical Virology is seeking to recruit several highly-motivated PhD students with excellent backgrounds in molecular biology, biomedicine, virology or immunology to contribute to, and develop, cutting-edge research projects. In 2025, new studentships will be available in each of the 3 independent research groups below. The specific PhD projects will be discussed at interview, but the links below should give a flavor of each group's current interests:

Prof. Alexandra Trkola – HIV Immunology and Vaccine Design

(<https://tinyurl.com/Trkola>)

Prof. Silke Stertz – Molecular Biology of Influenza Viruses and Respiratory Virus Transmission

(<https://tinyurl.com/Stertz>)

Prof. Benjamin G. Hale – Molecular Biology of the Interferon System in Health and Disease

(<https://tinyurl.com/BGHale>)

Your profile:

- Recent (or soon to be awarded) Master's degree in the field of Life Sciences (e.g. Molecular Biology, Virology, Immunology, Cell Biology, Biochemistry, Biomedicine).
- Previous relevant laboratory research experience in Life Sciences.
- Motivation and commitment to furthering molecular virology and immunology research.
- Ability to work constructively and effectively, both independently and as part of a team.

What we offer:

- Gross annual salary within the Swiss National Science Foundation salary range (currently CHF 47,040 – CHF 55,000), fully-funded by the host group.
- Enrollment within the Life Science Zurich Graduate School of the ETH Zurich and the University of Zurich, and participation in the Microbiology and Immunology PhD program.
- A welcoming, friendly and stimulating Institute with groups interested in HIV virology and vaccinology, influenza and respiratory virology, molecular immunology, and clinical disease.
- A dynamic, interdisciplinary and internationally-recognized research environment that is well-funded by competitive national and international agencies, and has strong connections between fundamental molecular sciences and translational practices.
- Modern, state-of-the-art, molecular virology and immunology laboratories (including a Biosafety Level 3 laboratory), and appropriate technical skills training.
- Access to high-quality core research facilities of the ETH Zurich and the University of Zurich for functional genomics, proteomics and microscopy.
- High-quality supervision and mentoring, with typical PhD completion times of 4-5 years, and a track-record of graduate destinations in academia, industry, pharma, and public health.
- Opportunities to present research work at national and international conferences.

Informal expressions of interest can be made to individual group leaders, but all applications must be made directly to the Life Science Zurich Graduate School of the ETH Zurich and the University of Zurich: <https://www.lifescience-graduateschool.uzh.ch/en.html>. Please select Microbiology and Immunology (MIM) as the primary PhD program during the formal application, and express your scientific motivations to join one of our specific groups when describing your future research interests. Deadline for applications: **1st November 2024**.