At the Institute of Virology and Immunology (IVI) in Bern/Mittelhäusern a

**PhD student position in Virology** (100%) is available.

**Project**

Our laboratory studies the multiple functions of viral envelope proteins with a focus on influenza and other RNA viruses. Our previous work on the recently identified bat influenza A viruses showed that the envelope proteins of these viruses differ fundamentally from those of conventional influenza A viruses (Moreira et al., 2016, PNAS 113:12797-12802; Karakus et al., 2019, Nature 567:109-112).

In this newly SNF-funded project, the successful candidate will study the role of the small M2 membrane protein in the life cycle of bat influenza A viruses. The research will focus on the putative ion channel activity of the M2 protein, its interaction with cellular and viral proteins, and its impact on autophagy.

**Entrance upon**

1st of May 2020 (or upon mutual agreement)

**Duration**

3 years

**Requirements**

The successful candidate should have an M.Sc. degree in life sciences, preferably with experience in molecular biology, biochemistry and/or cell biology. Furthermore, she/he will have excellent oral and writing skills in English and should demonstrate enthusiasm, flexibility and independence.

**We offer**

- A pleasant and stimulating working atmosphere in a highly motivated, interdisciplinary team
- Unique chance to improve your skills in virology, molecular biology, and cell biology
- Opportunity of publication in high impact scientific journals
- Enrollment in the Graduate School for Cellular and Biomedical Sciences at the University of Bern.
- Attractive salary according to the guidelines of the Swiss Science and Research Foundation (www.snf.ch).

**Application**

Please, send your complete CV including copies of diplomas, a motivation letter and references by e-mail to PD Dr. Gert Zimmer (gert.zimmer@vetsuisse.unibe.ch). Deadline: 29th of February 2020.