

Antanasijevic lab at the Global Health Institute (EPFL) has an open position for a PhD student with interests in structural biology, virology, and vaccine design. The research project will focus on (i) development of tools and methods for structural analyses of antibody responses in mucosal tissues, (ii) understanding the mucosal immune responses elicited by enterovirus (EV) infections in patients and (iii) design of vaccine candidates capable of conferring protective mucosal immunity against diverse EV strains. The main research tool will be state-of-the-art cryo-electron microscopy.

We are looking for excellent candidates that are motivated, enthusiastic, and organized. Previous research experience in biochemistry, virology and/or structural biology is preferred. Selected candidate will get a chance to drive interdisciplinary research projects in a highly collaborative environment.

For more details please contact: aleksandar.antasijevic@epfl.ch

See the following references to learn more about the research:

Antanasijevic et al., Nature Comm, 2021
<https://www.nature.com/articles/s41467-021-25087-4>

Antanasijevic, Bowman et al., Sci Adv, 2022
<https://www.science.org/doi/10.1126/sciadv.abk2039>

Antanasijevic et al., PNAS, 2022
<https://academic.oup.com/pnasnexus/article/1/5/pgac253/6798388>