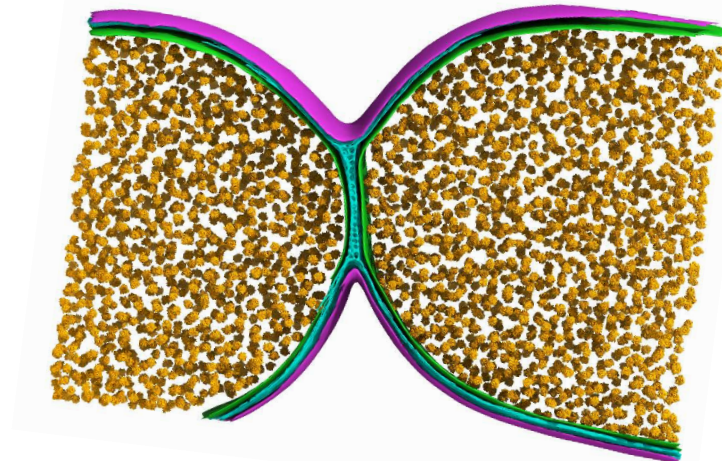


**UNIVERSITY OF LAUSANNE (UNIL) – DEPARTMENT OF FUNDAMENTAL MICROBIOLOGY
JOB OPENING – PHD POSITION - NAVARRO LAB – STRUCTURAL BIOLOGY OF PHAGES**

Starting date flexible: earliest 1st of May.

The Navarro lab has immediate opening for a PhD student position at University of Lausanne (UNIL), Switzerland. Candidates interested in applying and developing cryo-electron tomography technologies for cellular imaging are encouraged to apply. Successful candidates will investigate the structure and function of bacteriophages using integrative approaches including cryo-focused ion beam milling (cryo-FIB), correlative light and electron microscopy (cryo-CLEM), cryo-electron tomography and subtomogram averaging (STA). <https://www.unil.ch/dmf/home/menuinst/research-units/navarro-paula.html>



We are fully equipped with state-of-the-art instrumentation at the Dubochet Center for Imaging (<https://v1.dubochetcenter.ch/portfolio/dci-lausanne/instruments/>) and the Electron Microscopy Facility of UNIL (<https://wp.unil.ch/emf/microscopes-tem-sem/>). We have access to three 300 kV Titan Krios, an Aquilos 2, various scanning electron microscopes, a float of 200-120 kV screening electron microscopes and light microscopes, systems for correlative light and electron microscopy (cryo-CLEM, THUNDER Leica) and sample preparation equipment for cryo-EM. A solid infrastructure and training for the computational aspects of the projects will be provided by centralized services on site at UNIL and through collaborations with external collaborators as the Castaño group (Dynamo lab at CSIC, Bilbao, Spain).

Our department is located at the EPFL/University of Lausanne campus and has a vibrant research environment, and thus, UNIL is consistently ranked amongst the top research institutions in the world. This provides a highly interdisciplinary, international, diverse and supportive team of young scientists, committed to work at the frontier of science. The department offers a cutting-edge research infrastructure and a highly international environment and excellent working conditions. Lausanne is a very diverse cosmopolitan city and considered as one of the most livable cities in the world. Located at Lake Geneva, with a direct view of the Alps, Lausanne is an Olympic city with 42% of its population being international. This provides a high standard of living and a rich and varied cultural atmosphere.

The position is funded for 4 years. Salary and benefits are according to UNIL and the Swiss National Science Foundation standards at internationally highly competitive levels.



Interested candidates should apply by scanning the QR codes or contact me by email (paula.navarro@unil.ch) including a brief personal statement explaining your motivation for joining my team and research interests, a CV and the contact of at least two references. Review of applications will start immediately until the positions are filled. For any informal inquiries please contact me.