

Ph.D & Postdoc Positions in Biophysics

The research group of Professor Itay Rouso is offering PhD and postdoctoral positions in physical virology. The team is an international, dynamic, and successful group with a well-established collaborative network and strong funding.

The HIV core consists of the viral genome, which is encapsulated within a cone-shaped protein shell called a capsid. Successful infection requires reverse transcription of the viral genome and disassembly of the capsid shell within a cell in a process known as uncoating, and integration of the viral genome. The research in the lab is mainly focused on the uncoating and nuclear entry steps of the infection process. Our studies combine advanced atomic force microscopy techniques with biochemistry, molecular and cell biology methods.

We are seeking highly motivated individuals with strong biophysical/biomaterials skills. Depending on the background and interest of the candidate, a range of projects are available. More information can be found at the lab website: <https://fohs.bgu.ac.il/roussolab/>

If you are interested in joining a multi-disciplinary research at the cutting edge of biophysics, please contact Prof. Itay Rouso at roussoi@bgu.ac.il

