



PhD position in Immunology

Job description

A PhD position is available in the newly established research group of Anna Ohradanova-Repic, which is embedded within the Institute for Hygiene and Applied Immunology, Medical University of Vienna Vienna, Austria, led by Prof. Hannes Stockinger. You will work on an exciting and timely project funded by the Austrian Science Fund (FWF) to elucidate novel mechanisms of SARS-CoV-2 infection by searching for the virus alternative receptors. You will explore whether and how cells devoid of the compatible cell surface receptor ACE2 for the virus entry get infected and will study the virus evolution by analysis of infection in cells from genetically diverse organisms. The project will involve mammalian cell culture, molecular cloning and genetic engineering of cells, analysis of protein-protein interaction by immunoprecipitation, Western blotting, mass spectrometry and microscopy.

The PhD student will be enrolled within the N094 "Immunology" PhD Program of the Medical University of Vienna, and will benefit from high quality teaching and training including participation in regular seminars with leading speakers.

Requirements

Applicants are required to have a master's degree in either molecular biology, molecular medicine, immunobiology or a related discipline and a solid background in immunology, molecular and cellular biology. Previous documented experience in molecular biology, mammalian cell culture methods and bioinformatics are advantageous.

The successful candidate is expected to be highly motivated, responsible, eager to learn and be a team player capable of collaboration.

The institution

The Medical University of Vienna ranks among the best of all medical institutions in Europe, and has a strong focus on immunology and allergy research. The Molecular Immunology Unit (<https://www.meduniwien.ac.at/hp/en/hai/research/molecular-immunology/>) performs basic and translational research with focus on the role of T cells and macrophages in rheumatoid arthritis, cancer and lung diseases.

The city of Vienna is consistently rated as one of the best places to live worldwide.

Application

Interested students should send their application (letter of motivation, CV, high school diploma, a brief synopsis of their master thesis, and two letters of recommendation from previous supervisors, or alternatively, contact details of two references) to **Dr. Anna Ohradanova-Repic** (anna.repic@meduniwien.ac.at).