



Postdoctoral position in Immunology/Virology

Job description

A post-doctoral 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 as well as to investigate how human immune cells recognise and respond to SARS-CoV-2 infection.

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. You will use many different techniques, including cell culture, virus infection and titration, immune cell isolation and functional assays, qRT-PCR, multi-parameter flow cytometry and microscopy, molecular cloning, ELISA and mass spectrometry.

Requirements

We are looking for an ambitious PhD graduate in either immunology, virology, biomedical sciences or a related discipline, who is a team player with analytical thinking and problem-solving skills. Previous experience with work in the biosafety level 3 laboratory is a plus.

The successful candidate is expected to design, plan and perform experimental work and other research activities. Other research activity includes maintaining an accurate record of all experimental work, co-supervision of students, data analysis, result presentation in written reports or as posters/talks at conferences. In addition, the candidate must be self-motivated, responsible, and efficiently manage time and experiments.

Preference will be given to applicants who can start at short notice. Prospective candidates should detail their potential starting date, a statement of their research interests in a cover letter and include their CV and contact details of two references with the application sent to **Dr. Anna Ohradanova-Repic (anna.repic@meduniwien.ac.at)**.

Conditions of employment

The position is offered for 30 hours/week for three years to attract female scientists with children. If preferred, the equivalent full-time position (40 hours/week) for 2 ¼ years can be negotiated. The payment will be according to the FWF salary scheme (www.fwf.ac.at/en/research-funding/personnel-costs/)

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.