



Laboratory Experience

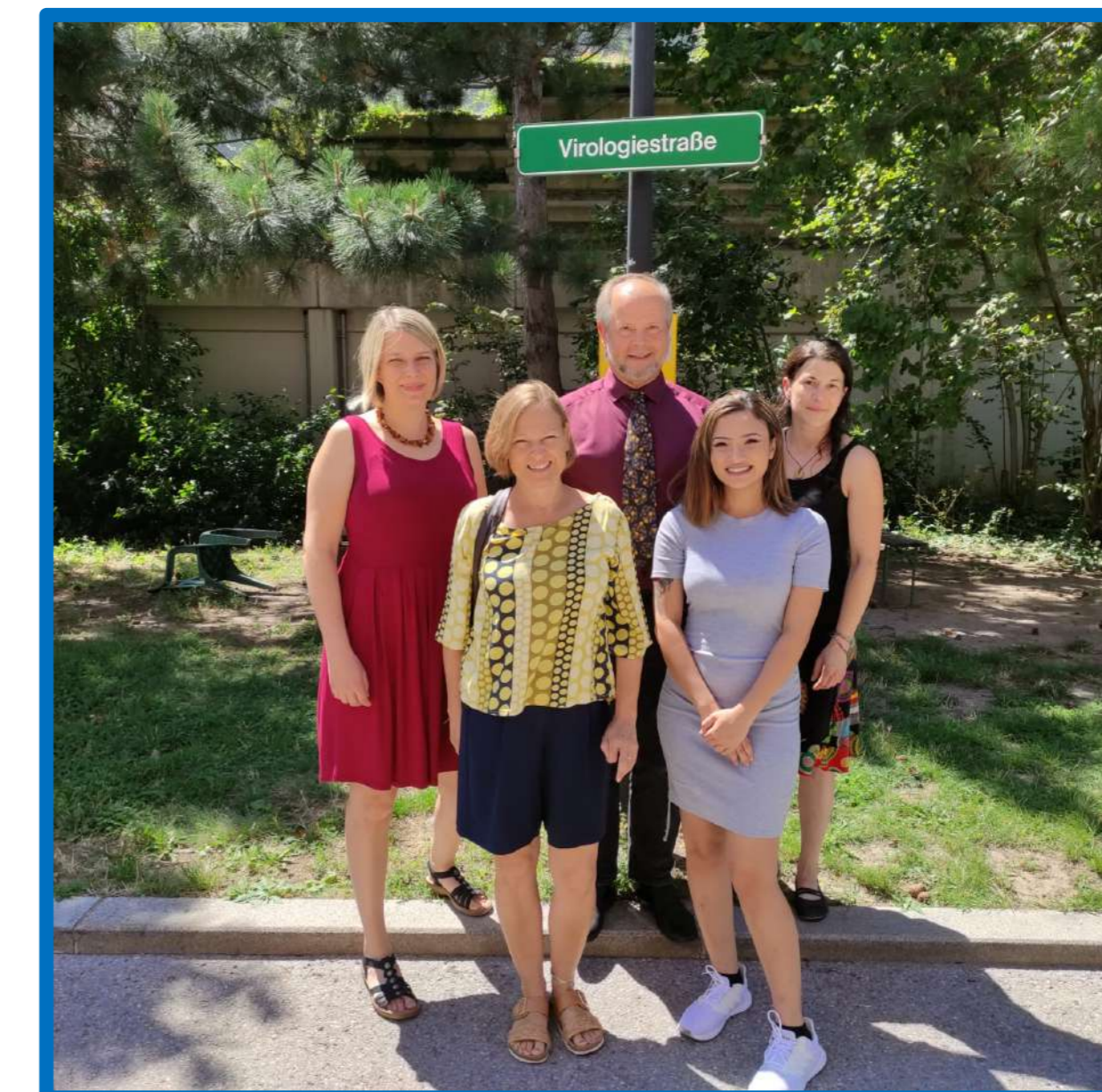
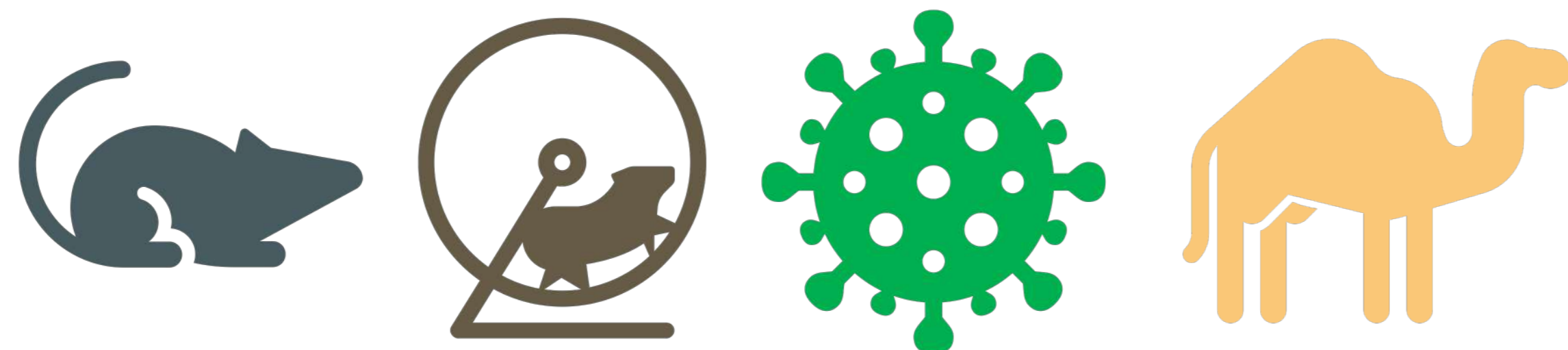
MBRU, in collaboration with the University of Veterinary Medicine Vienna, takes part in an annual summer studentship placement program where MBRU students are provided with the opportunity to assist in the Virology Diagnostics Department where they get to:

- Collect and analyze various types of samples
- Prepare and analyze organ samples
- Extract and detect nucleic acid from humans and animals with suspected viral infections
- Detect viral antigens in samples
- Learn how to operate several laboratory machines and equipment (Laminar flow, Vortex, Centrifuge, QIAcube extraction robot, Immunofluorescence microscopy)
- Learn how to prepare nasal swabs for PCR testing
- Learn the method of isolating plasmid DNA from bacteria
- Prepare samples for DNA sequencing
- Operate real-time & conventional PCR machines



Research Experience

In addition to learning about different virological diagnostic techniques, I also took part in assisting Prof. Norbert Nowotny and his team including Ms. Pia Weidinger with their research on detection of Middle East respiratory syndrome coronavirus (MERS-CoV) and Crimean-Congo hemorrhagic fever virus (CCHFV) in samples obtained from wild rodents such as gerbils in Al Maha desert in Dubai, UAE.



Disclaimer: social distancing was resumed after picture was taken

From left to right: Pia Weidinger, Kati Szakmary-Brändl, Prof. Norbert Nowotny, Nada Albedwawi, Kathi Dimmel



Social Experience

Austria's capital, Vienna, lies in the country's east on the Danube river.

Vienna is a very safe and clean city which bodes well for the young and old generations. There are activities for all ages, so whether you want to relax on a river boat or head to one of the many attractions closer to the city center, you are free to do so at your will.

Travel inside the city is easy with the metro accessible for all lengths of journeys. However, if you are just looking to stay close to town, there are many electronic scooters available. There are many things to do in Vienna and upon arriving at the University of Veterinary Medicine Vienna, the office of exchange students will kindly provide you with a Vienna City Guide which you could use to learn more about the city and places to go and things to do.

Nada's recommendations:

- Free walking city tour (Via Good Vienna Tours)
- Vienna's Amusement park, the Wiener Prater
- St. Stephens Cathedral
- Boat ride at the Alte Donau
- Donauturm revolving restaurant (Incredible city views!)

