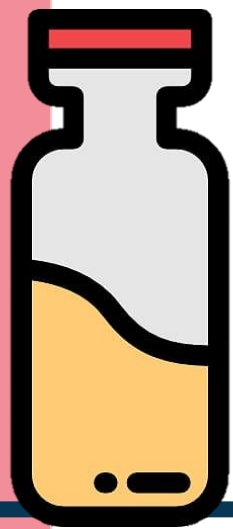


University of Veterinary Medicine Vienna

Maral Azarayesh



I did my summer scholars in University of Veterinary Medicine Vienna. I went to the virology department and investigated different types of samples including frozen CNS tissue and paraffin-embedded CNS specimens for the presence of Rustrela virus RNA which causes encephalitis in a variety of animal species. I did the lab work and deparaffinized the paraffin-embedded tissue (PET) sections. To view the steps of this process, please scan the QR code.



In addition, I checked black bird specimens for Usutu and West Nile viruses by extracting nucleic acids from brain, liver, spleen, kidney, and lung specimens and then doing PCR. All the results from this and the previous investigations were negative, but it was a great learning experience as I learned a lot of lab skills not taught in our university. Finally, I was also given a tour of the Austrian Red Cross Blood Transfusion Center. I was taught the steps of blood transfusion, and that confirming the correct patient and correct blood type are essential when it comes to blood transfusion.

