Dr. Hafiz Arshad currently works as an affiliate researcher in the Lamberton lab, School of Biodiversity, One Health & Veterinary Medicine, University of Glasgow, which he joined soon after completing his PhD in the parasitic infection metabolism funded by the Student Excellence Award at the University of Strathclyde in 2022. He holds a basic degree of DVM, Master’s in Animal Reproduction and worked as an Assistant Professor of clinical sciences in the Faculty of Veterinary Sciences, BZ University, Pakistan. His research focused on two main areas: Pregnancy/endocrinology and parasitic infections. In the Lamberton lab, he is assisting to conduct a population genetic analysis on *S. mansoni* larvae collected from the infected individuals. Before PhD, Dr.Arshad research relied heavily on classical biochemical and endocrinological techniques. However, biochemistry has been recently revolutionized by the invention of modern liquid chromatography mass spectrometry (LCMS) that allows a holistic view of hundreds to thousands chemicals in biological samples, often termed metabolites. During his PhD, he made the switch and learned the use of this technology which required additional skill sets such as handling large data-sets and using complex computer ‘pipe lines’ to gain insight into how these metabolites relate to and interact with each other during various infections. Owing to his multidisciplinary experience, he intends to further extend his skills in metabolomics. In the long run, he aims to use his metabolomics expertise to identify morbidity biomarkers of Schistosomiasis by designing a project in line with the future directions of the Lamberton lab. In his spare time, he likes to learn some acting techniques and he has already done character acting in a short movie by the GMAC film production company, Scotland.