

Biography Doris Wilflingseder

Doris Wilflingseder studied Zoology at the University of Innsbruck. Cell biology sparked her fascination, leading her to pursue early research in signaling mechanisms and protein purification. In her Post Doc, Dr. Wilflingseder specialized in immunology, with a particular focus on dendritic cell – HIV-1 interactions and the impact of virus opsonization on antigen presentation and T cell responses. A research stay at the University College London (UCL) enabled her to perform transcriptomics analyses of dendritic cells following exposure to differentially opsonized HIV-1. More recently, Dr. Wilflingseder advanced the development of immune-competent 3D barrier models to allow targeted studies of pathogen entry, processing, and therapeutic interventions. In 2012, Dr. Wilflingseder served as Assoc. Professor and deputy chair of the Department of Hygiene and Medical Microbiology at the Medical University of Innsbruck. In 2020 she received a Professorship for Infection Biology, and in 2024 she became Professor of Infectious Diseases at the Ignaz Semmelweis Institute and the Veterinary University of Vienna. Dr. Wilflingseder received several awards like the Austrian State Award 2021 for promoting Alternatives to Animal Testing or the Austrian Microbiology Prize. She is deputy chair of the Austrian Society for alternative Biomodels (RepRefRed Society) and the governmentally funded Austrian 3Rs Center (A3RCs) and member of the Austrian Society of Allergology and Immunology (ÖGAI). As such, she organized the Austrian 3R Days 2023 and the Annual Meeting of the ÖGAI 2016 as congress president.