

Overview Abstracts

Time Slot	Titel	Speaker	Affiliation
TB immunology			
10:30 – 10:40	cMYC expression determines the outcome of macrophages maturation and <i>Mycobacterium tuberculosis</i> infection	Edoardo Sarti	Department of Infectious Diseases and Hospital Epidemiology, University Hospital of Zürich
10:40 – 10:50	Exploring Immune-Stromal cell interactions during Tuberculosis	Tiphaine Camarasa	Infection Immunology Lab, Department of Biomedicine, University of Basel
10:50 – 11:00	Exploring the mechanisms of Mycobacteria-mediated membrane damage: Small or catastrophic, two types of damages leading to different bacterial fates.	Céline Michard	Department of Biochemistry, Faculty of Science, University of Geneva
Pause			
11:00 – 11:15			
11:15-11:25	Context-dependent Macrophage Activation by Clofazimine via TNF- α	Rebekka Wolfensberger	Department of Infectious Diseases and Hospital Epidemiology, University Hospital Zurich and University of Zurich
Drug resistance and discovery			
11:25 – 11:35	Mycobacterial drug tolerance assessments reveal clinical outcomes	Alexander Jovanovic	Pulmonary Infection Biology, Department of Biomedicine, University Hospital Basel
11:35 – 11:45	Drug tolerance in <i>Mycobacterium tuberculosis</i> : it's all in the family.	Valerie March	Tuberculosis Research Unit, Department of Medical Parasitology & Infection Biology, Swiss Tropical and Public Health Institute and University of Basel
11:45 – 11:55	Shedding light on TB's genomic dark matter	Bei Shi Lee	Department of Public and Global Health, Epidemiology, Biostatistics and Prevention Institute, University of Zurich
11:55 – 12:05	Characterization of a novel compound class targeting the <i>M. tuberculosis</i> RNA degradosome	Tizian Griesser	National Reference Laboratory for Mycobacteria, Institute of Medical Microbiology, University of Zurich
12:05 – 12:15	Epistasis as a driver of MDR-TB epidemics	Selim Bouaouina	Tuberculosis Ecology & Evolution Unit, Department of Medical Parasitology & Infection Biology, Swiss Tropical and Public Health Institute and University of Basel
Tranlational and clinical studies			
12:15 – 12:25	Tuberculosis Drug Resistance Prediction by Nanopore Targeted Next-Generation Sequencing: A Field Application Study in Sub-Saharan Africa	Tiana Schwab	Institute of Social and Preventive Medicine, University of Bern
12:25 – 12:35	Primary bedaquiline resistance in an Afghan migrant to Switzerland – rare event or upcoming threat?	Nasstasja Wassilew	Department of Infectious Diseases, Bern University Hospital
12:35 – 12:45	ULTR-AI: Ultrasound-Led TB Triage using AI	Julia Wolleb	Laboratory for intelligent Global Health and Humanitarian Response Technologies (LiGHT), Yale School of Medicine, Department of Biomedical Informatics and Data Science, New Haven, Connecticut, USA
Lunch Break			
12:45			

