

## PROGRAMME

### Tuesday, 21 March 2023

**08:30** On-site Registration / 8:55 Virtual Check-in

#### Update on the TB Epidemic, Poverty and Politics

Moderators: Sonia Borrell and Christian Auer, Swiss TPH

**09:00** Welcome Jürg Utzinger, Director, Swiss TPH

09:05 **Introductory Remarks**, Lucica Ditiu, Executive Director, Stop TB Partnership, Switzerland (remote)

09:10 **TB in the World Today: Update on the Epidemic and Progress in the Response**, Matteo Zignol, Director a.i., Global TB Programme, WHO, Switzerland (remote)

09:50 **The Burden of TB: DALYs, Socioeconomic Consequences, Stigma**, Christian Auer, Swiss TPH

**10:20** Coffee Break (15 minutes)

10:35 **Community Perspective**, Rhea Lobo, TB survivor and Board Member (Community Delegation) of Stop TB Partnership, Switzerland (remote)

10:45 **Why Social Protection is Essential to End TB**, Delia Boccia, WHO Consultant, Switzerland (remote)

11:15 **TB Advocacy**, Stijn Deborggraeve, Médecins Sans Frontières, The Netherlands; Austin Arinze Obiefuna, Afro Global Alliance and Stop TB Partnership Board, Ghana (remote)

11:35 **Global Plan to End TB – How Can We End TB and How Much it Will Cost**, Lucica Ditiu, Stop TB Partnership, Switzerland (remote); Peter Sands, Executive Director, the Global Fund, Switzerland (video)

12:05 **The TB Caucus: Its Mission**, Nick Herbert, Co-Chair of TB Caucus, and member of UK Parliament (video); Alesia Matusevych, TB Caucus, Portugal (remote)

12:25 **The TB Caucus – a European Perspective**, Tina Rudolph, member of German Parliament (remote)

12:45 **Reaction from a Swiss Politician, the UNION and WHO**, Eva Herzog, member of Swiss Parliament, Switzerland; Kobto Ghislain Koura, Director TB Department, International Union Against Tuberculosis and Lung Disease, France (remote); Tereza Kasaeva, Assistant Director-General, Universal Health Coverage, WHO (video)

**13:05** Lunch Break (55 minutes)

#### Science: Understanding the Biology

Moderator: Tiffany Bouchery, Swiss TPH

**14:00** **Revisiting the Natural History of Tuberculosis. Why does it Matter?** Alberto García-Basteiro, Instituto de Salud Global de Barcelona, Spain

14:30 **Ecology and Evolution of MDR-TB**, Sébastien Gagneux, Swiss TPH

15:00 **Advances in Mycobacterium Tuberculosis Genomics to Inform TB Control**, Iñaki Comas, Tuberculosis Genomics Unit, Instituto de Biomedicina de Valencia, Spain

**15:30** Coffee Break (20 minutes)

15:50 **Dissecting Immune Responses along the Spectrum of Tuberculosis ex vivo in a Human 3D Granuloma Model**, Damien Portevin, Swiss TPH

16:20 **Immunity to Tuberculosis: Re-evaluating What We Think We Know**, Carolyn King, Department of Biomedicine, University of Basel, Switzerland

16:50 **TB Basic Biology: the Pathogen**, Margarida Saraiva, Life and Health Sciences Research Institute, University of Minho, Braga, Portugal

17:20 **TB and Diabetes**, Dorothy Yebuoah-Manu, Noguchi Memorial Institute for Medical Research, University of Ghana (remote)

**17:50** End of Day 1

## Wednesday, 22 March 2023

### From Science to Impact

**08:40 On-site Check-in/Registration / 8:55 Virtual Check-in**

*Moderator: Claudia Daubenberger, Swiss TPH*

**09:00 TB Diagnostics: Newer Tools and Outlook**, *Adam Penn-Nicholson, FIND, Switzerland*

**09:30 Active Case Finding, Community Screening**, *Klaus Reither, Swiss TPH*

**10:00 Prevention is better than Cure: Development of More Effective TB Vaccines**, *Tom Scriba, University of Cape Town, South Africa (remote)*

**10:30 Coffee Break (30 minutes)**

**11:00 The Emerging Phenotype of Ancestral Tuberculosis**, *Bouke de Jong, Institute of Tropical Medicine, Belgium*

**11:30 The Current TB Drug Trial Landscape and the Need for Capacity Development**, *Nestani Tukvadze, National Center for Tuberculosis and Lung Diseases, Georgia*

**12:00 Paediatric TB: Doing More with Less**, *Nicole Ritz, Children's Hospital Lucerne and University Children's Hospital Basel, Switzerland*

**12:30 Lunch Break (1 hour)**

### TB in Special Populations and Health Systems

*Moderator: Astrid Knoblauch and Xavier Bosch-Capblanch, Swiss TPH*

**13:30 TB Treatment and Drug Development – the Value of Cohort Studies**, *Jerry Hella, Ifakara Health Institute, Tanzania (remote)*

**14:00 Responding to Rapidly Changing HIV and Tuberculosis Epidemiology in Africa**, *Peter McPherson, School of Health and Wellbeing, University of Glasgow, UK*

**14:30 Host Specificity in Human and Animal Tuberculosis through the Lens of Genomics**, *Daniela Brites, Swiss TPH*

**15:00 Coffee Break (20 minutes)**

**15:20 TB in Prisons**, *Jason Andrews, Stanford Medicine, USA (remote)*

**15:50 Addressing the intersection between Gender and Social Determinants to End TB**, *Bertie Squire, Liverpool School of Tropical Medicine, UK (remote); Chukwuebuka Ugwu, Zankli Research Centre, Bingham University, Nigeria (remote)*

**16:20 Strengthened Health Care Systems for Ending TB**, *Annabel Baddeley, WHO, Switzerland (remote)*

**16:50 General Discussion and Wrap-up**, *Marcel Tanner, President, Swiss Academies of Arts and Sciences; Sébastien Gagneux, Swiss TPH*

**17:15 End of Symposium**