



Wednesday, 3 July 2024

Times are in East Africa Time (EAT)

	Opening & Welcome		
	<i>Bruce Kirenga</i>		
09:00	Opening Talk Bruce Kirenga, MBChB, MMed, MCR, PhD, FRCP Makerere University College of Health Sciences, Uganda		
	Session 1: National TB Control Programs: Where Do We Stand?		
	<i>Chairs: Bruce Kirenga and Achilles Katamba</i>		
09:05	An Introductory Overview Stavia Turyahabwe, MBChB, MPH Ministry of Health, Uganda		
09:15	National TB Program: Zambia Chitalu Chanda Ministry of Health, Zambia		
09:35	National TB Program: Mozambique Benedita José, MD, MSc National Tuberculosis Control Program (PNCT), Mozambique		
09:55	At the Interface of Research and Policies Nilesh Bhatt, MD, MMed, PhD Elizabeth Glaser Pediatric AIDS Foundation, Mozambique		
10:15	Panel Discussion: What are the Barriers?		
10:40	Official Opening Uganda Minister of Health, Hon. Dr. Jane Aceng Ministry of Health, Uganda		
10:50	Coffee Break		
	Session 2: Diagnostics & Community Screening		
	<i>Chair: Stavia Turyahabwe</i>		
11:25	Novel Algorithms, AI, and Community Contact Tracing Achilles Katamba, MBChB, DCH, MSc PhD Makerere University College of Health Sciences, Uganda		
11:50	Finding the Missing Tuberculosis Cases: Lessons Learnt From Using Artificial Intelligence Enabled Chest X-Ray System for Active TB Case Search in Communities in Lagos, Nigeria	#1	
	Taiwo Osatuyi, Nigeria		
12:00	Introduction of X-MAP System in Bridging the Evaluation Gap in Using AI Enabled Systems for Active Case Search in Lagos, Nigeria	#3	
	Taiwo Osatuyi, Nigeria		
12:10	Candidate Biomarker Expression in Active Tuberculosis Disease Highly Correlates With Mycobacterium Tuberculosis Bacterial Load Before and During Therapy	#2	
	Wilber Sabiiti, Scotland		
12:20	Discussion		
12:40	Lunch		

Session 3: Pediatric Tuberculosis

Chairs: Eric Wodubeya and Nilesh Bhatt

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| 13:40 | TB, Pregnancy, and the Post-Partum Period
Irene Andia-Biraro, MBChB, MMed, PhD, FCP (ECSA)
Makerere University, Uganda | |
| 14:05 | TB in Children
Chishala Chabala, MBChB, MSc, MMed
University of Zambia, School of Medicine, Zambia | |
| 14:30 | Diagnostic Cascade Using New WHO Pediatric Treatment Decision Algorithms for Pulmonary TB in Mbarara, Uganda
Maria Namulwana, Uganda | #4 |
| 14:40 | Nigeria Addressing the Challenges in Childhood Tuberculosis Diagnosis With Stool-Based Xpert Testing to Improve Childhood TB Detection Rates
Omotayu Salau, Nigeria | #5 |
| 14:50 | The Use of ONEIMPACT-Nigeria as a Digital Health Platform and Innovative Strategy to Improve Tuberculosis Preventive Therapy Uptake in Children in Lagos, Nigeria
Deborah Iberi Ikeh, Nigeria | #6 |

15:00 **Discussion**

15:25 Coffee Break

Session 4: TB, Comorbidities, and Co-Infections

Chairs: Nicholas Paton and Christine Sekaggya-Wiltshire

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| 15:55 | TB and HIV
Esther Stanslaus Ngadaya, PhD, PGDHE, MD
National Institute for Medical Research, Muhimbili Research centre (NIMR-Muhimbili), Tanzania | |
| 16:20 | The Burden of Tuberculous Meningitis in Greater Masaka Region-Southwestern Uganda: Findings From the Alter Trial
Maria Assumpta Nakimbugwe, Uganda | #7 |
| 16:30 | Diagnostic Accuracy of Mycobacterium tuberculosis Stool Ultra in Detecting TB Among Adult People Living With HIV: A Multicentre Study
George Kasule, Uganda | #8 |
| 16:40 | Utilizing a Model for Improvement Framework to Improve the Specificity of the WHO-Recommended 4-Symptom-Screen for Tuberculosis Diagnosis Among People Living With HIV in Nigeria
Emeka Ezieke, Nigeria | #9 |

16:50 **Discussion**

17:15 **Poster Viewing Gallery**

18:15 **End of Day 1**



Thursday, 4 July 2024

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Session 5: Prevention

Chairs: Lloyd Mulenga and Issa Sabi

- 08:00 **Preventive Treatment**
Nyanda Elias Ntinginya, MD, MSc, PhD
National Institute for Medical Research (NIMR), Tanzania
- 08:20 **Post-TB Lung Diseases**
Celso Khosa, MD, PhD
Instituto Nacional de Saúde, Mozambique
- 08:40 **TB Vaccines on the Horizon**
Frank Cobelens, MD, MSc, PhD
University of Amsterdam, Amsterdam Institute of Global Health and Development, The Netherlands
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- 09:00 **Body Mass Index Trajectories and Association With Tuberculosis Risk in a Cohort of Household Contacts in Southern Africa** #10
Leyla Larsson, Germany
- 09:10 **Prediction Models for Mtb Infection Among Adolescent and Adult Household Contacts in High TB Incidence Settings** #11
Edson Tawanda Marambire, Zimbabwe
- 09:20 **Effect of Adjunctive N-Acetylcysteine on Biomarkers of Lung Inflammation, and Antimicrobial Activity in Adults With Pulmonary Tuberculosis** #17
Daniel Mapamba, Tanzania

09:30 **Discussion**

09:45 Coffee Break

FAST-TB Supported Session: New Drugs and New Approaches to Testing in Trials

Chair: Francesca Conradie

- 10:15 **WHO Target Regimen Profile for New Drug**
Christian Lienhardt, MD, DTM, MSc, PhD (virtual)
Institut de Recherche pour le Développement (IRD), France
- 10:40 **Clinical Trial 1: PAN-TB (Testing New DPR1 inhibitor and Sutezolid)**
Andreas Diacon, MD, PhD
TASK, South Africa
- 11:05 **Clinical Trial 2: NC-009 (Testing New Version of BDQ)**
Morounfolu (Folu) Olugbosi, MD, MSc
TB Alliance, South Africa
- 11:30 **Clinical Trial 3: PARADIGM4TB (Testing BTZ043 and Ganfemorole)**
Nyanda Elias Ntinginya, MD, MSc, PhD
National Institute for Medical Research (NIMR), Tanzania

11:55 **Discussion: Innovative Approaches in Conducting Clinical Trials**

12:20 Lunch

Session 7: Innovations in Implementation Strategies

Chair: Violeta Chihota

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| 13:20 | Enhancing TB Contact Investigation: Finding the Missing TB Cases Using the Spot to Tent Onion Model
Iboro Gordon, Nigeria | #13 |
| 13:30 | Artificial Intelligence (AI) screening for TB as an Effective Tool for GeneXpert (GXP) Cartridge Optimization: Comparing TB Yield From Community Active
Eze Chikwu, Nigeria | #14 |
| 13:40 | Artificial Intelligence for TB Screening to Improve Active TB Case Detection Among Urban Slum, Rural and Pastoralist TB-Key Affected and Vulnerable Populations in Ethiopia
Tamiru Mebrate, Ethiopia | #15 |
| 13:50 | Patient-Centered Innovations in TB Care: A Case Study of Digital Adherence Technologies Project in Nigeria
Iboro Gordon, Nigeria | #16 |

14:00 **Discussion: Community-Led Services**

14:25 Short Break

Session 8: How to Strengthen Collaboration?

Moderator: Bruce Kirenga

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| 14:40 | A Case Study
Moses Joloba, MBChB, MS, PhD
Makerere University, Uganda |
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15:00 **Panel Discussion**

15:35 Coffee Break

Session 9: MDR-TB: What is on the Horizon?

Chairs: Christine Sekaggya-Wiltshire and Nicholas Paton

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| 16:00 | Treatment Studies
Francesca Conradie, MMBCh
World Health Organization, Switzerland |
| 16:25 | Innovative Tools to Study Emerging Drug Resistance
Celso Khosa, MD, PhD
Instituto Nacional de Saúde, Mozambique |
| 16:50 | Program Implications
Debra Vambe, MD, MPhil, MPH
Baylor College of Medicine, Global and Immigrant Health, Eswatini |

17:15 **Discussion**

17:25 Closing of the Program