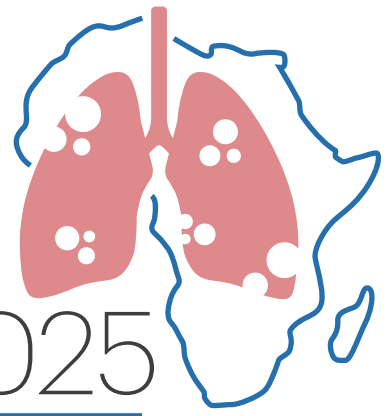


2ND CONFERENCE ON **INNOVATIONS IN TUBERCULOSIS** 2025



12 May 2025 | Windhoek, Namibia

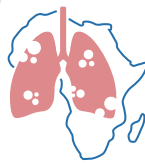
Program



Monday 12 May

Times are in Central Africa Time

07:30	Registration Open		
	Official Opening <i>Co-chairs: Penda Ithindi & Frank Cobelens</i>		
08:30	Welcome from the Local Chairs Nunurai Ruswa, MD, MPH, MSc Ministry of Health and Social Services, Namibia Taime Sylvester, M.Tech, PhD Solal Scientific Solutions, TB Free Foundation Namibia, Namibia Welcome on behalf of the Organizing Committee Frank Cobelens, MD, MSc, PhD Amsterdam University Medical Centres, University of Amsterdam / Amsterdam Institute for Global Health and Development, the Netherlands Nicholas Paton, MD, FRCP National University of Singapore, Singapore		
08:35	Remarks by Executive Director Penda Ithindi Executive Director		
08:40	Keynote Address by the Minister Hon. Dr. Esperance Luvindao Minister of Health Namibia		
	Session 1: Innovations in TB Diagnostics and Screening - Symptomatic and Asymptomatic TB <i>Co-Chairs: Frank Cobelens & Nunurai Ruswa</i>		
09:00	Recent Developments in TB Testing and Screening Technologies, Including for HIV-associated TB and TB in Children Grant Theron, BSc, MSc, PhD Stellenbosch University, South Africa		
	Abstract - Driven presentations:		
09:20	Development and Internal Evaluation of an AI-Enabled Cough Sound Analysis Model for Tuberculosis Screening in a High-Burden Setting: A Prospective Cross-Sectional Study	Mary Kagujje, Zambia	#1
09:30	Use of Artificial Intelligence (AI)-Driven Technology to Drive TB Case Finding: An Eye Opening Experience From Akwa Ibom State, Nigeria	Adekola Adekunle, Nigeria	#39
09:40	Optimizing the Implementation and Scale-Up of the WHO Treatment-Decision Algorithms for Children with Pulmonary Tuberculosis in Sub-Saharan Africa (Abstract #24)	Fatuma Said Msafiri, Tanzania	#24
09:50	Diagnostic Accuracy of Xpert MTB/RIF Ultra on Nasopharyngeal Swabs in Adults With Presumptive TB in a High-Burden Setting	Robinah Nakawunde, Uganda	#4
10:00	Panel Discussion: Pros and Cons of Novel Approaches to Tackle a Long-standing Enemy?		
10:30	Refreshment Break		



Session 2: When Many Epidemics Collide: TB and Comorbidities

Chair: Fiona Cresswell

- 11:00 **Towards Integrated Prevention, Treatment, and Service Provision for TB, HIV, and NCDs**
John Ditekemena, MD, MHP, PhD
 Elizabeth Glaser Pediatric AIDS Foundation, Democratic Republic of the Congo

Abstract - Driven presentations:

- 11:20 Assessing the Effectiveness of Community-Based TB/HIV Testing in Improving TB/HIV Case Finding: Case Study in North-West Nigeria
 Andrew Agbo, #5
 Nigeria

Session 3: THE GREAT DEBATE: Africa Should Move to Whole Genome Sequencing for Drug Resistance Testing

Chair: Frank Cobelens

11:30 Introduction and Voting

11:35 PRO Standpoint **Stefan Niemann, PhD**

Research Center Borstel, University of Lübeck, Germany, University of Namibia, Namibia

11:47 CON Standpoint **Bouke de Jong, MSc, PhD**

Institute of Tropical Medicine Antwerp, Belgium

11:59 Discussion

12:14 Voting & Conclusions

12:30 Lunch

Session 4: TB Clinical Management: Advanced HIV

Chair: Nick Paton

- 13:30 **TB Meningitis**
Fiona Cresswell, PhD, MBChB, BSc, DTM&H, PGCert Epi, DipHIV
 MRC/UVRI-LSHTM Uganda Research Unit, Uganda
 Brighton and Sussex Medical School, United Kingdom

Abstract - Driven presentations:

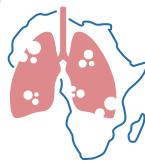
- 13:50 Prevalence of Tuberculosis and Determinant Among Adults Newly Diagnosed With HIV at Epako Clinic in Namibia Omaheke Region: A Cross-Sectional Study
 Francois Kalambayi, #44
 Lumbala, Namibia

Session 5: TB Drug Resistance

Chair: Taime Sylvester

Abstract - Driven presentations:

- 14:00 Testicular Safety of a Pretomanid Regimen (BPamZ) in Men With Pulmonary Drug-Resistant Tuberculosis
 Pauline Howell, #7
 South Africa
- 14:10 Population Structure and Transmission Analysis of Drug-Resistant Mycobacterium tuberculosis Strains From Namibia Using Whole Genome Sequencing
 Olga Shavuka, #8
 Namibia
- 14:20 Prevalence and Characterization of rpoB Mutations Across Nine Different Countries in Sub-Saharan Africa
 Vuchas Comfort, #9
 Cameroon
- 14:30 Evaluating Targeted Next-Generation Sequencing for Diagnosing Drug-Resistant Tuberculosis in Namibia
 Lusua Mhuulu, #25
 Namibia



- | | | | |
|-------|---|-----------------------------|-----|
| 14:40 | Impact of Mycobacterium tuberculosis Strains With rpoB I491F Mutation on Uptake and Outcomes of BPaLM Regimen in Eswatini | Debrah Vambe, Eswatini | #12 |
| 14:50 | The Continued Rise of Bedaquiline-Resistant Tuberculosis in Mozambique | Cláudio Abujate, Mozambique | #11 |

15:00 Refreshment Break

Session 6: TB-HIV Drug Interactions and Comorbidities

Co-Chairs: Taime Sylvester & Nick Paton

- | | | | |
|-------|---|-------------------------------|-----|
| 15:20 | Triple Intersection: Exploring the Connections Between Tuberculosis, Takayasu Arteritis, and Sarcoidosis: A Case Report
Ismael Katjitae, MD, MMed
Ministry of Health and Social Services, Namibia | | |
| | Mini-Oral Presentations: | | |
| 15:40 | Comparative Pharmacokinetics of Dolutegravir in Children With HIV With and Without TB Co-Infection | Charles Martyn-Dickens, Ghana | #34 |
| 15:45 | Managing TB/HIV Comorbidities Among Children and Adolescents Co-Infected With TB & HIV Through Targeted Structural Interventions in Northern Nigeria: A Pathway to Improved Health Outcomes | Charles Odima, Nigeria | #49 |
| 15:50 | Discussion | | |

Session 7: Post-TB Lung Disease

Co-Chairs: Bruce Kirenga & Nunurai Ruswa

- | | | | |
|-------|--|------------------------------|-----|
| 16:00 | Long-term Sequelae of TB
Wincey Katagira, MBChB, M.Med, PhD(c)
Makerere University Lung Institute, Uganda | | |
| | Abstract - Driven presentations: | | |
| 16:20 | Economic Recovery Among Patients Following Drug-Susceptible Tuberculosis Treatment in Johannesburg, South Africa | Kamban Hirasen, South Africa | #17 |
| 16:30 | Discussion | | |
| 16:40 | Closing Remarks from the Local Chairs
Nunurai Ruswa, MD, MPH, MSc
Ministry of Health and Social Services, Namibia
Taime Sylvester, M.Tech, PhD
Solal Scientific Solutions, TB Free Foundation Namibia, Namibia
Closing Remarks on behalf of the Organizing Committee
Frank Cobelens, MD, MSc, PhD
Amsterdam University Medical Centres, University of Amsterdam / Amsterdam Institute for Global Health and Development, the Netherlands
Nicholas Paton, MD, FRCP
National University of Singapore, Singapore | | |

17:00 Poster Viewing



Corporate Support

SUPPORTERS

BILL & MELINDA
GATES *foundation*



FRIEND LEVEL SPONSORS



ENDORSERS



LOCAL PARTNERS



