

International Conference on Recent Advancements in TB and HIV Research

Agenda

9 a.m.

Welcome

- Dr. Shridhar Narayanan, Co-founder and Chief Executive Officer, Foundation for Neglected Disease Research
- Dr. Shu Hua Wang, Professor, Internal Medicine, The Ohio State University College of Medicine, Director, Global One Health initiative, Implementation Science and Research

9:10 a.m.

Opening Remarks

Government of India's strategy and commitment to combat TB

- Dr. Padmapriyadarsini C, Director, ICMR-National Institute for Research in Tuberculosis

9:30 a.m.

Session 1

TB and HIV - Clinical updates from an Indian context

- Dr. George D'Souza, Dean, St. John's Medical College

New oral regimens for drug susceptible and drug resistant TB Zoonotic TB - A One Health approach to elimination of TB

- Dr. Shu Hua Wang, Professor, Internal Medicine, The Ohio State University College of Medicine, Director, Global One Health initiative, Implementation Science and Research

Pediatric TB

- Dr. Ira Shah, Professor and Head, Pediatric Infectious Diseases, B.J. Wadia Hospital for Children

11 a.m.

Tea and Networking

11:30 a.m.

Session 2

TB control and prevention in a hospital setting

- Dr. Rajesh Deshmukh, Public Health Specialist, TB, Division of Global HIV and TB, CDC

Biosensors: Challenges in translating concepts to products

- Dr. Chandrasekhar Nair, Co-founder and Chief Technology Officer of Molbio Diagnostics

Brd4 co-modulates host-angiogenesis and lipophagy and exacerbates *Mycobacterium tuberculosis* infection

- Dr Balaji K N, Professor, Indian Institute of Science

1 p.m.

Lunch and Networking

2 p.m.

Session 3

Innate immune responses to BCG vaccination

- Dr. Namal Liyanage, Assistant Professor, Microbial Infection and Immunity, The Ohio State University College of Medicine

Investigating novel Toxin/Anti-toxin Systems, the molecular breaks in *Mycobacterium tuberculosis*

- Dr. Krishan Gopal, Principal Scientist, CSIR-IMTECH

Macrophage p-glycoprotein: A new target for TB therapy

- Dr. Murugesan Rajaram, Associate Professor, Microbial Infection and Immunity, The Ohio State University College of Medicine

3:30 p.m.

Tea and Networking

4 p.m.

Session 4

Next generation TB vaccines that elicit mucosal immunity

- Dr. Purnima Dubey, Associate Professor, Microbial Infection and Immunity, The Ohio State University College of Medicine

Macrophage heterogeneity promotes drug tolerance in *Mycobacterium tuberculosis*

- Dr. Amit Singh, Associate Professor, Indian Institute of Science

Current TB drug pipeline and discovery of TBA-7371

- Dr. R K Shandil, Co-founder and Chief Scientific Officer, Foundation for Neglected Disease Research

5:30 p.m.

Closing Remarks



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Foundation for Neglected
Disease Research