SUNDAY, JANUARY 23
Arrival and Registration

MONDAY, JANUARY 24
Welcome and Keynote Session
Barry R. Bloom, Harvard University, USA
A Half Century of Research on Tuberculosis: Successes and Continued Challenges
Soumya Swaminathan, World Health Organization, Switzerland
The Current Global TB Problem
When, How and Who does Mtb Infect?
Robin Wood, University of Cape Town, South Africa
TB Control and the Air we Breathe
Richard F. Silver, Case Western Reserve University School of Medicine, USA
Infection and Immunity in the Lung
Lalita Ramakrishnan, University of Cambridge, UK
Latent TB: Does it Exist and if so what is It?
Short Talk(s) Chosen from Abstracts
Workshop 1: Novel Approaches to TB Therapy
*Alan Sher, NIAID, National Institutes of Health, USA
Short Talks Chosen from Abstracts
TB Lessons from Co-Morbidities and Susceptible Hosts
Lele Rangaka, University College London, UK
How HIV Co-Infection Changed our Perspective on TB
Blanca I. Restrepo, University of Texas HSC Houston, Brownsville Campus, USA
TB-Diabetes Co-Morbidity: Who Drives Who?
Joseph Keane, Trinity College Dublin, Ireland
Cytokines Blockers and Tuberculosis Susceptibility
Short Talk(s) Chosen from Abstracts
Poster Session 1

TUESDAY, JANUARY 25
Breakthroughs in TB Chemotherapy, Drug Resistance and Assessing Therapeutic Outcome
Clifton E. Barry III, NIAID, National Institutes of Health, USA
Clinical Trials, from the British Medical Research Council to PreDictTB
Valerie Mizrahi, University of Cape Town, South Africa
Targeting DNA Replication in Drug Discovery
David Barros, GlaxoSmithKline, Spain
Current Clinical Candidates for TB Treatment
Veronique Anne Dartois, Hackensack Meridian Health, USA
Re-Imagining Tuberculosis Pharmacology
Short Talk(s) Chosen from Abstracts
Workshop 2: Young Investigator Workshop
Short Talks Chosen from Abstracts
The Host-Pathogen Interaction: An Emerging Focus on Immunometabolism
Shabaana A. Khader, Washington University School of Medicine, USA
Role of Immunometabolism in MDR TB
David G. Russell, Cornell University, USA
Macrophage Subset Metabolism as a Determinant of Infection and Host Resistance
Adrie J. C. Steyn, Africa Health Research Institute & UAB, South Africa
Metabolic Mechanisms and Clinical Phenotypes
Short Talk(s) Chosen from Abstracts
Poster Session 2

WEDNESDAY, JANUARY 26
Recent Advances in Understanding Immune Correlates of Protection
Elisa Nemes, University of Cape Town, South Africa
Immune Correlates of Protection in Human BCG and M72:ASO1E Trials
JoAnne L. Flynn, University of Pittsburgh School of Medicine, USA
Correlates of Vaccine Induced Protection in Non Human Primate Models
Anne O'Garra, Francis Crick Institute, UK
Cross-Host Species Immune Correlates
Special Lecture
Sara Suliman, Brigham and Women's Hospital, USA
Opportunities and Challenges in TB Research from a Young Investigator's Perspective
Short Talks Chosen from Abstracts
Workshop 3: Vaccination and Immune Correlates
Short Talks Chosen from Abstracts
Moving TB Vaccine Research Forward in the Next 50 Years: New Perspectives and Opportunities
Thomas J. Scriba, University of Cape Town, South Africa
Overview: Recent Advances in Clinical Vaccine Development
Iman Satti, Oxford University, UK
Aerosol Vaccination and Human Challenge Models
Maziar Divangahi, McGill University, Canada
Immune Mechanism in TB vs Respiratory Virus Infection: Learning from Each Other
Short Talk(s) Chosen from Abstracts
Closing Keynote Address
Eric J. Rubin, Harvard T.H. Chan School of Public Health, USA
The Future of TB Research and Control in an Age of Viral Pandemics
Meeting Wrap-Up: Outcomes and Future Directions (Organizers)
THURSDAY, JANUARY 27

Departure