SUNDAY, MARCH 24
Arrival and Registration

MONDAY, MARCH 25
Welcome and Keynote Address
Lluis Quintana-Murci, Institut Pasteur, CNRS UMR2000 and Collège de France, France
Lessons from the Human Genome about Past and Present Epidemics

Early Interactions I
Russell E. Vance, University of California, Berkeley, USA
The Innate Immune Response to Mycobacterium Tuberculosis
Galit Alter, Moderna, Inc., USA
Antibodies and TB: Over-Looked but Under-Rated
Elisa Nemes, University of Cape Town, South Africa
Defining the Landscape of BCG- and M.tb.-Induced Trained Innate Immunity
Short Talks Chosen from Abstracts

Career Roundtable

Workshop TBD
Short Talks Chosen from Abstracts

Early Interactions II
Alissa C. Rothchild, University of Massachusetts Amherst, USA
Alveolar Macrophages and the Initiation of Immunity
Kevin B. Urdahl, Seattle Children's Research Institute, USA
Host and Pathogen Heterogeneity Shape the Early Cellular Events of M. tuberculosis Infection
Short Talks Chosen from Abstracts

Poster Session 1

TUESDAY, MARCH 26
Within-Granuloma Battle I
Lalita Ramakrishnan, University of Cambridge, UK
Mechanisms of Granuloma Necrosis
Michael Y. Gerner, University of Washington, USA
Dissecting the Mechanisms Leading to Granuloma Formation and Structure
Sheetal Gandotra, CSIR-Institute of Genomics and Integrative Biology, India
Lipid Droplet Homeostasis in the Tuberculosis Granuloma
Short Talks Chosen from Abstracts

Within-Granuloma Battle II
Daniel L. Barber, NIAID, National Institutes of Health, USA
Role of IFN? in the Structure and Function of Rhesus Macaque Tuberculomas
Antonio J. Pagan, University of Cambridge / Stanford University, UK
Pathogenic Macrophage Death in the TB Granuloma
Gloria Marcela Rodriguez, Rutgers University, USA
Nutritional Immunity of M. tuberculosis Infection

Clare M. Smith, Duke University, USA
Host-Pathogen Interactions Underlie Distinct Infection Microenvironments
Short Talks Chosen from Abstracts

Poster Session 2

WEDNESDAY, MARCH 27
Onward Spread: Transmissible Pathology
Josephine Bryant, Wellcome Sanger Institute, UK
The Evolution of Mycobacterial Pathogens
Marcel A. Behr, McGill University, Canada
Lineage Specific Virulence Factors and the Outcome of Infection
Emily B. Wong, Africa Health Research Institute, South Africa
Transmission and the Spectrum of Human TB Diseases
Michael Shiloh, University of Texas Southwestern Medical Center, USA
Closing the Loop: Experimental Transmission of M. tuberculosis
Short Talks Chosen from Abstracts

Deadly Detour: TB Meningitis
Xavier S. Nassif, Institut Necker Enfants-Malades and Université Paris Cité, France
The Blood Brain Barrier and Bacterial Infections
Cressida Madigan, University of California, San Diego, USA
How Mycobacteria Cross the Blood Brain Barrier
Guy Edward Twaites, Oxford University Clinical Research Unit, Vietnam
New Insights into TBM Pathogenesis from Clinical Cohorts
Short Talks Chosen from Abstracts

Closing Keynote Address
Paul Kubes, University of Calgary, Canada
Intravital Imaging of Pulmonary Infections

Meeting Wrap-Up: Outcomes and Future Directions (Organizers)

THURSDAY, MARCH 28
Departure