World TB Day 2016
Rutgers University, Newark, NJ

Thursday, March 31

11:00 am - 12:00 pm  Arrival
12:00 pm - 1:00 pm  Luncheon for Invited Participants
1:00 pm - 1:10 pm  Welcome by D. Perlin

1:15 pm - 2:55 pm  Session 1 – Moderated by P. Salgame
J. Ernst  “Drift vs. selection in evolution and adaptation of M. tuberculosis”
J. Beamer  “Diversity: It’s good for TB research”
S. Schwander  “Air pollution and nanoparticle effects on antimycobacterial immunity”
A. Campos-Neto  “BM-MSCs, a niche of M. tuberculosis evasion from host resistance and drugs”

3:00 pm - 3:30 pm  Coffee Break

3:30 pm - 5:10 pm  Session 2 – Moderated by N. Connell
C. Nathan  “Killing persistent Mycobacterium tuberculosis”
Y. Morita  “A spatially distinct and metabolically active membrane in mycobacteria”
J. Seeliger  “Making mycobacterial membranes: lipid transport pathways in the cell wall”
J. Freundlich  “Learning from the host, the bug, and the drug”

5:30 pm  Shuttle to Reception
6:00 pm  Reception and Dinner for Invited Participants

Friday, April 1

7:30 am - 08:30 am  Breakfast for Invited Participants

8:30 am - 10:10 am  Session 3 – Moderated by M. Gennaro
A. Lardizabal  “Using a multi-pronged approach to address TB at the global, national and regional level”
N. Ghesani  “Molecular imaging of mycobacterial infection”
J. Ellner  “Biomarker’s the thing”
D. Alland  “Update on Xpert Ultra: increasing sensitivity for a point of care TB test”
10:15 am - 10:45 am   Coffee Break

10:45 am - 12:30 pm   Session 4 – Moderated by M. Rodriguez

B. Mathema   “High-resolution genomic and epigenomic mapping of two epidemic M. tuberculosis strains”
T. Gray   “Conjugation in M. smegmatis is so ESXy”
L. Wangh   “Single-color, single-tube LATE-PCR MTBDR assay for identification of all mutations in inhA, katG, and rpoB transferred to the new Hain Lifescience FluoroType® Platform”
H. Darwin   “Proteasomal degradation and M. tuberculosis pathogenesis: it takes two”

Friday, April 1

12:30 pm - 1:30 pm   Lunch for All Participants

1:30 pm - 3:35 pm   Session 5 – Moderated by B. Kreiswirth

X. Zhao   “Combination of vitamin C with tirapazamine kills both growing and growth-arrested M. tuberculosis”
N. Woychik   “Strength in numbers? Exploring the roles of toxin-antitoxin systems in M. tuberculosis”
K. Rhee   “Continuing tales of the tubercle bacillus”
K. McDonough   “Cyclic AMP signaling: hearing a voice in the crowd”
W. Jacobs   “Pursuing Edward Jenner’s revenge: chasing sterilization of tuberculosis”

3:35 pm - 4:00 pm   Closing Remarks