



# Johns Hopkins University Center for Tuberculosis Research

## Annual Scientific Meeting

Friday, June 13, 2014  
Owens Auditorium  
Cancer Research Building 2

Time	Speakers & Topics	
7:45 AM	Coffee and Breakfast	
8:15 AM	Welcome & Introduction	<ul style="list-style-type: none"> <li>➤ Richard E. Chaisson</li> <li>➤ William R. Bishai</li> </ul>
8:30 AM	Moderator: Jonathan Golub	<ul style="list-style-type: none"> <li>➤ Jennifer Nuzzo: "Post-arrival screening and treatment in the US of foreign-born individuals for TB and LTBI"</li> <li>➤ Jessica Elf: "Assessing the association of air pollution from household sources with TB in children in Pune, India"</li> <li>➤ Jenny Hoffmann: "The promise of hope: Preliminary results from the Tshepiso study"</li> <li>➤ Kristen Little: "Contact tracing of hospitalized pediatric TB patients in South Africa: Yield and risk factors for TB in the household"</li> <li>➤ Mark Tenforde: "Baseline inflammatory and immune activation markers predict TB after initiation of antiretroviral therapy in resource-limited settings"</li> </ul>
9:45-10:15	Coffee Break	
10:15-11:15	Moderator: William Bishai & Moderator: Eric Nuermberger	<ul style="list-style-type: none"> <li>➤ Bintou Ahmadou Ahidjo: "Progressive cavitary TB with the antibiotic drug pirfenidone: a cautionary tale"</li> <li>➤ Laurene Cheung: "<i>M. tuberculosis</i> second messengers: a red flag for the host"</li> <li>➤ Jean-Philippe Lanoix: "Variable activity of pyrazinamide in C3HeB/FeJ mice"</li> <li>➤ Heena Soni: "Mucus-penetrating particles as a delivery system for mucosal TB vaccines"</li> </ul>
11:15-12:00	Keynote Speaker	➤ <b>Sarah Fortune: "Setting the clock: Determinants of the drug resistance rate in <i>Mycobacterium tuberculosis</i>"</b>
12:00-1:00	Lunch	
1:00-3:00	Moderators: Jacques Grosset & Petros Karakousis	<ul style="list-style-type: none"> <li>➤ Nicole Ammerman: "Clofazimine as a first-line drug for tuberculosis"</li> <li>➤ Deepak Almeida: "Dose ranging activity of clofazimine against tuberculosis in mouse model"</li> <li>➤ Leighanne Basta: "Understanding the role of LdtMt5 in <i>Mycobacterium tuberculosis</i>"</li> <li>➤ Amit Kaushik: "TREAT: "Our effort to develop new antimicrobials"</li> <li>➤ Noton Dutta: PhD: "A Multidisciplinary Approach to Understanding TB Latency and Reactivation"</li> <li>➤ Yu-Min Chuang: "Accumulation of inorganic polyphosphate mediates metabolic downshift, antibiotic tolerance, and persistence in <i>Mycobacterium tuberculosis</i>"</li> <li>➤ Alvaro Ordonez: "Imaging the inflammatory response to <i>M. tuberculosis</i> infection in a cavity-forming mouse model"</li> <li>➤ Vincent DeMarco: "Determination of <sup>14</sup>C-Rifampin Pharmacokinetics within <i>Mycobacterium tuberculosis</i> Infected Mice Using Dynamic Positron Emission Tomography Bioimaging"</li> </ul>
3:00-3:30	Coffee Break	
3:30-4:30	Moderator: Susan Dorman	<ul style="list-style-type: none"> <li>➤ Maunank Shah, "Novel approaches to enhanced TB treatment adherence using mHealth strategies"</li> <li>➤ Kelly Dooley, "Pharmacokinetics of efavirenz and treatment of HIV-1 among pregnant women with and without TB co-infection: Results from the TSHEPISO study"</li> <li>➤ Amita Gupta, "Vitamin D and TMEM16J host variants associated with TB and death in HIV-infected and exposed infants"</li> <li>➤ Chris Hoffmann, "Systematic TB case finding using GeneXpert in South African correctional facilities"</li> </ul>
4:30	End	➤ <b>Arthur M. Dannenberg, Jr. Award</b>

