

University of Washington Advanced TB Research Training Course

Monday-Friday, September 13-17, 2021; 7:30-11am pacific time

*Each talk is a 20-minute presentation, which includes a brief Q&A

All times listed in PDT	Monday, Sept 13 – Immunology & Vaccines; Moderator Tom Hawn	Tuesday, Sept 14 – Pathogenesis & Treatment; Moderator David Sherman	Wednesday, Sept 15 – Biomarkers, Diagnostics & Case Finding; Moderator Paul Drain	Thursday, Sept 16 – Aerobiology, Transmission & Prevention; Moderator David Horne	Friday, Sept 17 – Disease Modeling, mHealth, Implementation Science, Policy & Advocacy; Moderator Paul Drain
7:30-7:40am	Welcome & Logistics	Welcome & Logistics	Welcome & Logistics	Welcome & Logistics	Welcome & Logistics
7:40 – 8:00am	Innate immunity and host-directed therapies; Tom Hawn	Update on TB pathogenesis and drug targets; David Sherman	Gaps and priorities for TB Biomarkers and diagnostics; Paul Drain	Aerosol biology and TB transmission; David Horne	Disease Modeling for TB; Stewart Chang and Bradley Wagner
8:00-8:20am	Adaptive immunity and role of BCG vaccine; Chetan Seshadri	Drug Discovery and Development; Tanya Parish	Peripheral blood biomarkers to improve TB diagnosis; Javeed Shah	Resister populations in transmission studies; Jason Simmons	Digital adherence technologies to support TB management; Sarah Iribarren
8:20-8:40am	Insights from animal model studies; Kevin Urdahl	Novel drugs being screened and tested; Shuyi Ma	High-throughput alternatives to sputum testing for detection of TB in clinical and community settings; Jerry Cangelosi	Phylogenetics for TB transmission and control; Josh Herbeck	Implementation Science for TB; Bryan Weiner
8:40-9:00am	Host-pathogen interactions in the lungs; Monica Campo	MDR-TB; Masa Narita	Hide and Seek: Finding Tuberculosis in Children; Lisa Cranmer	Regimens and evidence for TB Prevention; Jennifer Ross	Organizing, Funding, and Advocacy for TB Research and Access; David Branigan
9:00-9:10am	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
9:10-9:30am	Status of current vaccines and vaccine trials; Andrew Fiore-Gartland	Novel DS-TB regimens and treatment for people with HIV; Adrienne Shapiro	Diagnostics for pregnant women and PLHIV; Grace John-Stewart	TB prevention among pregnant women and children; Sylvia LaCourse	You Can't Prevent What You Don't Know: Affected TB Community Perspective; Rhea Lobo
9:30-10:30am	Expert Panel Roundtable; Tom Scriba, Willem Hanekom	Expert Panel Roundtable; Amita Gupta, Susan Dorman, Tim Sterling	Expert Panel Roundtable; Emmanuel Moreau, Adithya Cattamanchi, David Boyle	Expert Panel Roundtable; Peter Small, Robin Wood	Expert Panel Roundtable; Mike Frick, David Branigan, Robyn Waite, Rhea Lobo
10:30-10:55am	Breakout Discussions	Breakout Discussions	Breakout Discussions	Breakout Discussions	Breakout Discussions
10:55-11:00am	Report Back & Close	Report Back & Close	Report Back & Close	Report Back & Close	Report Back & Close