

University of Washington’s Advanced TB Research Training Course

Monday-Friday, September 9-13; 7:30-11am Pacific (Seattle) time

Registration is required: <https://courses.washington.edu/tbresearchcourse/>

Each talk is a 20-minute presentation, which includes a brief Q&A | Breakout discussions intended to encourage interactions with faculty and among participants

All times listed in PDT (Seattle)	Monday, Sept 9– Immunology & Vaccines	Tuesday, Sept 10– Pathogenesis & Treatment	Wednesday, Sept 11– Biomarkers, Diagnostics & Case Finding	Thursday, Sept 12– Aerobiology, Transmission & Prevention	Friday, Sept 13– Disease Modeling, mHealth, Implementation Science, Policy & Advocacy
7:30 – 7:40 am	Welcome & Logistics	Welcome & Logistics	Welcome & Logistics	Welcome & Logistics	Welcome & Logistics
7:40 – 8:00 am	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	TB prevention among pregnant women and children; Sylvia LaCourse	Disease Modeling for TB; Stewart Chang
8:00 – 8:20 am	Adaptive Immunity; Chetan Seshadri	Drug Discovery and Development; Tanya Parish	Novel biomarkers for incipient/subclinical TB; Javeed Shah	Resister populations and Mtb transmission; Jason Simmons	Using mobile health technologies for TB; Sarah Iribarren
8:20 – 8:40 am	Insights from animal model studies; Kevin Urdahl	Novel regimens and treatment among PLHIV; Adrienne Shapiro	Non-sputum based TB diagnostics: Ronit Dalmat	Phylogenetics for TB transmission and control; Josh Herbeck	Implementation Science Models for TB; Bryan Weiner – pre recorded
8:40 – 9:00 am	Host-pathogen interactions in the lungs; Monica Campo	Multidrug-resistant TB; Chandler Church	Pediatrics and special populations; Rafael Hernandez	TB Preventive Therapy; Jen Ross	Organizing, Funding, and Media for TB advocacy; David Branigan - pre recorded
9:00 – 9:10 am	Break	Break	Break	Break	Break
9:10 – 9:30 am	Status of current vaccines and vaccine trials; Andrew Fiore-Gartland	Systems biology tools to accelerate TB drug discovery; Mario Arrieta-Ortiz	Diagnostics for pregnant women and PLHIV; Grace John-Stewart	Aerosol biology and TB transmission; David Horne	Community perspective: TBD
9:30 – 10:30 am	Expert Panel Roundtable	Expert Panel Roundtable	Expert Panel Roundtable	Expert Panel Roundtable	Expert Panel Roundtable
10:30 – 10:55 am	Breakout - Meet & Greet	Breakout - Meet & Greet	Breakout - Meet & Greet	Breakout - Meet & Greet	Breakout - Meet & Greet
10:55 – 11:00 am	Close	Close	Close	Close	Close