

University of Washington's Advanced TB Research Training Course

Monday-Friday, September 8-12, 2025; 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 8 Immunology & Vaccines	Tuesday, Sept 9 Pathogenesis & Treatment	Wednesday, Sept 10 Biomarkers, Diagnostics & TB Advocacy	Thursday, Sept 11 Aerobiology, Transmission & Prevention	Friday, Sept 12 Modeling, mHealth, Pediatrics and Pregnant Women
7:30–7:40 am	<i>Welcome & Logistics</i>	<i>Welcome & Logistics</i>	<i>Welcome & Logistics</i>	<i>Welcome & Logistics</i>	<i>Welcome & Logistics</i>
7:40–8:00 am	Innate immunity and host-directed therapies; Tom Hawn	Pathogenesis and drug targets; David Sherman	TB biomarkers and diagnostics; Paul Drain	Aerosol biology and TB transmission; David Horne	TB modeling and phylogenetics; Josh Herbeck
8:00–8:20 am	Adaptive immunity to <i>M. tuberculosis</i> ; Chetan Seshadri	Systems biology approaches to drug discovery; Nitin Baliga	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	Granulomas and in vivo model of TB pathogenesis: dissecting mechanisms of protection and dissemination; Kevin Urdahl	Drug discovery and development; Arielle Butts	Tongue swabs and other non-sputum based diagnostics; Jerry Cangelosi	Imaging and other clinical measures for risk of Mtb transmission; Engi Attia	Pediatrics and special populations; Rafael Hernandez
8:40–9:00 am	TB controlled human infection model (TB-CHIM); Rhea Coler	Treatment regimens, including PLHIV; Adrienne Shapiro	Organizing, Funding, and Media for TB advocacy; Erin McConnell, TAG	TB preventive treatment and novel regimens; Jennifer Ross	Diagnostics for pregnant women and PLHIV; Grace John-Stewart
9:00–9:10 am	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Close</i>
9:10–9:30 am	TB vaccine trials; Andrew Fiore-Gartland	Treatment for drug-resistant and extrapulmonary; Bijan Ghassemieh	Q&A Discussion with Treatment Action Group	TB in Pregnancy; Sylvia LaCourse	
9:30–10:30 am	<i>Discussion Panel:</i> Sarah Stanley (UC-Berkeley), Rasmus Mortenson (SSI), Alison Kraigsley (Gates Found.)	<i>Discussion Panel:</i> Gary Maartens (U Cape Town), Kelly Dooley (Vanderbilt), Jared Silverman (Gates Research)	John Green, Author of “Everything is Tuberculosis”	<i>Discussion Panel:</i> Robert Wilkinson (UCT), Mike Barer (U. Leicester)	
10:30–10:55 am	Breakout - Meet & Greet	Breakout - Meet & Greet	Breakout - Meet & Greet	Breakout - Meet & Greet	
10:55–11:00 am	<i>Close</i>	<i>Close</i>	<i>Close</i>	<i>Close</i>	