

University of Washington 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 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 Patino | Multidrug-resistant TB; Chandler Church | Pediatrics and special populations; Rafael Hernandez | TB Preventative 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: Ingrid Schoeman, TB Proof |
| 9:30 – 10:30 am | Expert Panel Roundtable Elisa Nemes, PhD, MSc University of Cape Town | Expert Panel Roundtable Anna Upton, PhD Evotec | Expert Panel Roundtable TBD | Expert Panel Roundtable Puneet Dewan, MD Gates Foundation | |
| 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 |