

University of Washington's Advanced TB Research Training Course

Monday-Friday, September 18-22, 2023; 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 18 Immunology & Vaccines	Tuesday, Sept 19 Pathogenesis & Treatment	Wednesday, Sept 20 Biomarkers, Diagnostics & Case Finding	Thursday, Sept 21 Aerobiology, Transmission & Prevention	Friday, Sept 22 Modeling, mHealth, Implement. Science, Policy & Advocacy
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	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	Back to the future with BCG; 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; Jerry Cangelosi	Phylogenetics for TB transmission and control; Josh Herbeck	Implementation Science Models for TB; Bryan Weiner
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 and Novel Regimens, Elizabeth Kracen	Organizing, Funding, and Media for TB advocacy; David Branigan (pre recorded)
9:00–9:10 am	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
9:10–9:30 am	Status of current vaccines and vaccine trials; Andrew Fiore-Gartland	Novel drugs being screened and tested; Nitin Baliga	Diagnostics for pregnant women and PLHIV; Grace John-Stewart	Aerosol biology and TB transmission; David Horne	Community perspective: Elizabeth Bates & Brian Lefferts
9:30–10:30 am	Expert Panel Roundtable with Dr. Jo Kirman (Otago University, New Zealand) & Dr. Gabrielle Pedersen (Serum Statin Institute, Denmark)	Expert Panel Roundtable with Dr. Dim Bunnet (Insitut Pasteur, Cambodia) & Dr. Erlina Burhan (University of Indonesia) & Dr. Camilo Roa (U. of Philippines)	Expert Panel Roundtable with Dr. Grant Theron (Stellenbosch U., South Africa) & Dr. Margaretha de Vos (FIND, Geneva, Switzerland)	Expert Panel Roundtable with Dr. Ed Nardell (Harvard Medical School, USA) & Dr. Jason Andrews (Stanford U., USA)	Expert Panel Roundtable with Dr. Elizabeth Bates & Mr. Brian Lefferts , (Yukon-Kuskokwim Health Corporation, Alaska, USA)
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	<i>Close</i>	<i>Close</i>	<i>Close</i>	<i>Close</i>	<i>Close</i>