**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

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| 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– 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 | 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** | ***Break*** | ***Break*** | ***Break*** | ***Break*** | ***Break*** |
| 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 Jo Kirman (Otago University, New Zealand) | Expert Panel Roundtable with DIM Bunnet (Insitut Pasteur du Cabrodge), Camilo C. Roa Jr. (University of Philippeans Mnaila), Erlina Burhan, MD, MSc. Ph.D (Universitas Indonesia) | Expert Panel Roundtable with Grant Theron (Stellenbosch University, South Africa) | Expert Panel Roundtable with Ed Nardell (Harvard Medical School) | Expert Panel Roundtable with Liz Bates, Brian Lefferts (YKHC) |
| 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 |