

The Michael Gold Early Career Investigators Webinar Series

Presents

SPEAKER: Amy Lee, PhD

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Dr. Lee joined the Department of Molecular Biology and Biochemistry at Simon Fraser University as an Assistant Professor in 2020. She completed her PhD in Cell and Systems Biology at University of Toronto with Drs. David Guttman and Darrell Desveaux, studying the evolutionary arms race between host and pathogens. This was followed by two postdoctoral fellowships at University of British Columbia (UBC), first with Dr. Nislow, applying comparative bacterial genomics and phenomics to study bacterial adaptation in persistent infections. She then worked with Dr. Bob Hancock applying systems immunology and vaccinology to understand neonatal immune development. She is a Banting Discovery Awardee and MSFHR Scholar. Her currently research uses systems biology approaches to improve neonatal sepsis diagnostics and combat antimicrobial resistance.

TITLE: Tackling Neonatal Sepsis - A Systems Biology Approach to a Global Health Crisis

TIME: February 12, 2026, 3:00 PM EST

ZOOM: Register for the meeting [here](#)

HOST: Dr. Jonathan Choy, *Simon Fraser University*



The Michael Gold Webinar Series has been established by the Canadian Society for Immunology (CSI) to honor a current or past CSI member who has made lasting contributions to the mentoring of early career investigators and postdoctoral scholars transitioning into independent research positions. Dr. Gold is a Professor and former Head of the Department of Microbiology and Immunology at University of British Columbia and the 2013 recipient of the CSI Cinader Award. He is known for his many contributions to the scientific community, including his roles in mentoring trainees of all levels to the top.

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