

The Michael Gold Early Career Investigators Webinar Series

Presents

SPEAKER: Christina Guzzo, PhD
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Dr. Christina Guzzo completed her BSc at Queen's University in Life Sciences and continued her studies at Queen's under the mentorship of Dr. Katrina Gee to receive her PhD in Microbiology and Immunology. Her PhD work elucidated novel functions for interleukin-27 in monocyte biology and innate immunity, funded by a CIHR Vanier CGS and recognized with the Governor General's Gold Medal Thesis award. From 2012-2017 she trained as a post-doctoral fellow at NIAID, NIH in Bethesda, MD under the mentorship of Drs. Paolo Lusso and Anthony Fauci, where her research identified a novel antiviral chemokine (XCL1) against HIV, and the exciting discovery that human integrins can be incorporated into HIV-1 viruses to alter their homing *in vivo*. Her post-doctoral studies were supported with a CIHR Fellowship and recognized with the NIH Normal P. Salzman

Memorial Award in Virology. She moved to the University of Toronto Scarborough to establish her own viral immunology research program in 2017. Building on her PhD and post-doc training, her lab continues to study chemokine biology in innate immunity, including the ability for chemokines to be sequestered in intracellular storage vesicles in monocytic cells. A central focus of her lab is to discover new human proteins that can get incorporated into HIV virions, and how these virion-incorporated proteins can impart new biological properties to viruses and interactions with bystander immune cells.

TITLE: Discovering Immune Cell Fingerprints on Viruses; Why and How we Study Them

TIME: July 13, 2023, 3:00 PM EST

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

HOST: Dr. Bebhinn Treanor, *University of Toronto Scarborough*



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.

The Canadian Society for Immunology

