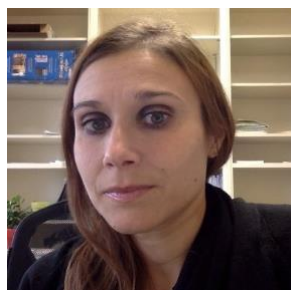


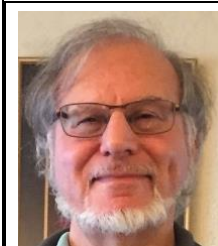
The Michael Gold Early Career Investigators Webinar Series Presents

SPEAKER: Francesca Di Cara, PhD
Associate Professor, Dept. of Microbiology & Immunology, Dept. of Pediatrics,
Faculty of Medicine, Dalhousie University, Halifax, NS
Website: <https://dicara.wixsite.com/dicaralab>
E-mail: fr733496@dal.ca
Twitter: @DicaraLab



Francesca Di Cara obtained her Ph.D. at the University of Naples, “Federico II,” Naples, Italy, in 2009. While pursuing her graduate studies, she worked for two years at the University of Edinburgh, funded by the Norman Salvesen Emphysema Research Trust Fellowship where she developed her interest in metabolism. She was then a postdoctoral fellow at the University of Alberta with Dr. King-Jones first and then a research associate with Dr. Richard Rachubinski, where she identified the role of peroxisome in immunometabolism. In 2018, she started her academic position as an Assistant Professor at Dalhousie University in the Department of Microbiology and Immunology. She was nominated Canada Research Chair Tier 2 in 2019 and renewed in 2024. She is now an Associate Professor. She has published 28 papers in the past six years. Her research is focused on immune metabolism. Her team is interested in determining the role of peroxisomes, pivotal metabolic organelles present virtually in every eukaryotic cell in immune metabolism, decoding how they regulate immune cells’ response to microbial challenges and orchestrate inflammation, including neuroinflammation. Her research uses *Drosophila melanogaster*, mouse models, and human samples to understand the importance of peroxisomes in immunity and the onset of immune disorders, with a particular focus on rare diseases.

TITLE: Peroxisome dependant immunometabolism and inflammation at the crossroad of health and disease
TIME: May 8, 2025, 3:00 PM EST
ZOOM: Register for the meeting [here](#)
HOST: Dr. Ira King, *McGill 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.

The Canadian Society for Immunology

