

## CSI 2024 New Investigator Award Congratulations / Félicitations



**Dr. Sarah Crome**, *Assistant Professor, Department of Immunology, University of Toronto; Senior Scientist, Toronto General Hospital Research Institute, University Health Network*

Dr. Sarah Crome is a Senior Scientist at the Toronto General Hospital Research Institute within University Health Network (UHN), and an Assistant Professor in the Department of Immunology at the University of Toronto. Dr. Crome holds a Tier Canada Research Chair in Tissue-Specific Immune Tolerance. She leads a research program focused on uncovering mechanisms that regulate immune responses in transplantation, autoimmunity and cancer. Translational efforts within her lab are focused on developing approaches to promote immune homeostasis. In particular, she is exploring targeting or harnessing populations of tissue-resident lymphocytes called innate lymphoid cells (ILCs).

Prior to joining UHN and the University of Toronto, her postdoctoral research with Dr. Pamela Ohashi at the Princess Margaret Cancer Centre led to the discovery of a novel innate lymphoid cell population that inhibits the activity and expansion of tumour-associated T cells and is associated with poorer clinical outcomes in ovarian cancer. Her PhD research at the University of British Columbia in the lab of Dr. Megan Levings defined molecular, epigenetic and cellular regulatory mechanism that control human CD4<sup>+</sup> T helper 17 cell development and their pro-inflammatory functions.

Dr. Crome has received numerous awards including the Rising Star award from the International Union of Immunological Societies, the Next Generation of Scientist award from the Cancer Research Society, and both International Scholar and Team Science awards from the Society for Immunotherapy of Cancer.