

Canadian Summit on Geroscience Agenda

Date: October 26th, 2023

Venue: Hilton Hotel, 145 Richmond St. West, Toronto, ON

Room: Osgoode East and West (located on third floor)

7:30 – 8:00 am	Check-In/Continental Breakfast
8:00 – 8:15 am	Welcome and Opening Remarks – John Muscedere, Scientific Director & CEO, Canadian Frailty Network
8:15 – 8:45 am	Keynote Presentation – Geroscience: Where are we and where are we headed? – Felipe Sierra, Chief Scientific Officer, Hevolution Foundation & Former Director of the Division of Aging Biology at the NIA/NIH
	Panel Presentation & Discussion: State of Geroscience and Future Impact Moderator: Daryl Pullman, Professor, Memorial University
8:45 – 9:05 am	Therapeutic Interventions: Senolytics – James Kirkland, Professor, Mayo Clinic
9:05 – 9:25 am	Geroscience Trials: Next Generation of Geroscience Investigators – John Newman, Assistant Professor, Buck Institute for Research on Aging
9:25 – 9:45 am	Social and Bioethical Implications of Geroscience – Colin Farrelly, Professor, Queen’s University
9:45 – 10:05 am	Questions & Answers
10:05 – 10:20 am	----- Coffee Break -----
	Panel Presentation & Discussion: CIHR Geroscience Demonstration Grant Findings Moderator: Jane Rylett, Scientific Director, CIHR Institute of Aging
10:20 – 10:35 am	Using models of early life stress to identify prognostic biomarkers of unhealthy aging – Dawn Bowdish, Associate Professor, McMaster University
10:35 – 10:50 am	The impact of chronic/latent viral infections on aging – Hélène Côté, Professor, University of British Columbia
10:50 – 11:05 am	Investigating the contributions of mitochondrial dysfunction and impaired neuromuscular junction integrity to the aging-related loss of muscle mass and function in humans – Gilles Gouspillou, Professor, Université du Québec à Montréal
11:05 – 11:20 am	Questions & Answers
11:20 – 11:30 am	Rachel Hofstetter, Overlap Associates
11:30 am – 12:30 pm	----- Lunch -----
	Continuation of CIHR Geroscience Demonstration Grant Presentations
12:30 – 12:45 pm	CRISPR-mediated chemical and genetic interrogation of senotherapeutics: novel insights into mechanism-of-action – Lea Harrington, Professor, University of Toronto
12:45 – 1:00 pm	Establishing a new class of senolytics to treat age-related pathologies and extending lifespan – Frédéric Mallette, Associate Professor, CIUSSS Est-de-l’Île-de-Montréal-Maisonnette Rosemont

1:00 – 1:15 pm	Applying a molecular understanding of the aging process to develop novel treatments for neurodegenerative disease – Jeremy Van Raamsdonk, Associate Professor, Research Institute of the McGill University Health Centre
1:15 – 1:30 pm	Linking Inflammation and Metabolism with Frailty in Chronic Cancer – David Dawe, Assistant Professor, University of Manitoba
1:30 – 1:45 pm	Questions & Answers
1:45 – 3:00 pm	Roundtable Discussion – Brainstorming: Fostering Geroscience Research Presentation (20 minutes): Canadian Critical Care Trials Group: Real-world experience and lessons learned – Robert Fowler, Professor, Sunnybrook Health Sciences Centre Small Group Discussion: Translational Geroscience/Canadian Geroscience Clinical Trials Group
3:00 – 3:15 pm	----- Coffee Break -----
3:15 – 4:15 pm	Large Group Discussion
4:15 – 4:30 pm	Closing Remarks – John Muscedere, Scientific Director & CEO, CFN and Jane Rylett, Scientific Director, CIHR Institute of Aging