

CSI Program 2014 / Programme de la SCI 2014

27th Annual Spring Meeting of the Canadian Society for Immunology 27^e Réunion annuelle de la Société canadienne d'immunologie

Fairmont Le Chateau Frontenac Hotel, Québec City, Québec
March 6 – 9, 2014 / 6 – 9, Mars 2014

Thursday, March 6 / Jeudi, 6 mars

- 12:00 – 21:00 Registration / Inscriptions (*Verchères*)
- 14:00 – 17:00 **Mini-Symposium** (*Montmagny B Room*)
Exosomes
Chairs: **Dr. Benoît Barbeau**, *Université du Québec à Montreal*,
Dr. Caroline Gilbert, *Université Laval*
- 14:00-14:30 Exosomes and communications between tumors and the immune system
Dr. Clotilde Thery, *PhD, Research Director, Immunology and Cancer, Institut Curie, Paris, France*
- 14:30-15:00 Tumor-derived exosomes modulate expression of genes encoding receptors and enzymes involved in immunosuppression mediated by human regulatory T cells (Treg)
Dr. Theresa Whiteside, *PhD, Professor of Pathology, Immunology, and Otolaryngology, University of Pittsburgh and a Member of the University of Pittsburgh Cancer Institute, Pittsburgh, PA, USA*
- 15:00-15:30 Characteristics of exosome-induced autoimmune responses in non-obese diabetic mice
Dr. Yang D. Dai, *PhD, Assistant Member, Division of Immune Regulation, Torrey Pines Institute for Molecular Studies, San Diego, CA, USA*
- 15:30-16:00 Refreshment Break / Pause
- 16:00-16:30 The Multiple Faces of Exosomes in Host-Pathogen Interaction
Dr. Martin Olivier, *PhD, Professor of Medicine, Microbiology and Immunology, The Research Institute of the McGill University Health Centre, Axis of Infection and Immunity and the McGill International TB Centre, Montreal, PQ*

- 16:30-17:00 Human Endogenous Retrovirus envelope proteins incorporated in placenta exosomes are important for uptake and are potential preeclampsia biomarkers
Dr. Benoit Barbeau, PhD, Assistant Professor, Dept. des sciences biologiques, Faculté des sciences, UQAM, Montréal, PQ
- 15:00 – 20:00 Exhibitor Set-up / Installation des exposants
Poster Set-up Odd / Installation des affiches
(*Frontenac, Petit Frontenac, Bellevue*)
- 15:00 – 20:00 Lounge / Conversation Room
(*Rose*)
- 17:00 – 20:00 CSI Council Meeting / Réunion du Conseil de la SCI (*CSI Council only*)
(*Montmagny A Room*)
- 18:30 – 20:00 Registrants on their own for dinner
- 20:00 Exhibits Open (*Frontenac, Petit Frontenac, Bellevue*)
- 20:30 – 21:30 **Keynote Address** (*Salle de bal and Foyer*)
- Regulatory T cells
Dr. Alexander Rudensky, Chairman, Immunology Program, Sloan-Kettering Institute; Director, Ludwig Center at Memorial Sloan-Kettering Cancer Center; Investigator, Howard Hughes Medical Institute; Tri-Institutional Professor, Memorial Sloan-Kettering Cancer Center, the Rockefeller and Cornell University
- 21:30 – 23:30 Opening Reception / Réception d'ouverture
Meet the Exhibitors / Rencontre des exposants
(*Frontenac, Petit Frontenac, Bellevue*)

Friday, March 7 / Vendredi, 7 mars

- 07:00 Registration / Inscriptions (*Verchères*)
- 07:00 – 09:00 Breakfast / Déjeuner (*Montmagny A / B Room*)
Poster Set-up Odd / Installation des affiches (*Frontenac, Petit Frontenac, Bellevue*)
Lounge / Conversation Room (*Rose*)
- 08:30 Meet the Exhibitors / Rencontre des exposants
(*Frontenac, Petit Frontenac, Bellevue*)
- 08:40 – 12:00 **Symposium I** (*Salle de bal and Foyer*)
Germinal Center Reactions in Health and Disease
Chairs: **Dr. Woong-Kyung Suh**, *Institut de recherches cliniques de Montréal (IRCM)*
Dr. André Veillette, *Institut de recherches cliniques de Montreal (IRCM)*
- 08:40 – 09:00 Introduction: Germinal Center Reactions in Health and Disease
Dr. Woong-Kyung Suh, *PhD, Director, Immune Regulation Research Unit, Assistant IRCM Research Professor, Assistant research professor, Department of Medicine, Université de Montréal Institut de recherches cliniques de Montréal (IRCM), Montréal, QC, Canada*
- 09:00 – 09:30 Regulation of Tfh cell numbers and function
Dr. Carol Vinuesa, *Ph.D., Head, Dept of Pathogens and Immunity; Group Leader, Humoral Immunity and Autoimmunity; Elizabeth Blackburn NHMRC Research Fellow John Curtin School of Medical Research, The Australian National University, Canberra, Australia*
- 09:30 – 10:00 Listening in on the T-B crosstalk during a GC response
Dr. Hai Qi, *Ph.D., Professor, School of Medicine, Tsinghua University, Beijing, China*
- 10:00 – 10:30 Control of germinal center reaction by SLAM and SAP pathways
Dr. André Veillette, *M.D., Professor, Institut de recherches cliniques de Montréal (IRCM), Montréal, QC, Canada*

- 10:30 – 11:00 Refreshment Break / Pause (*Frontenac, Petit Frontenac, Bellevue*)
- 11:00 – 11:30 Genetic analysis of germinal center reaction
Dr. Hua Gu, Ph.D., Professor, Institut de recherches cliniques de Montréal (IRCM), Montréal, QC, Canada
- 11:30 – 12:00 Molecular genetics of germinal center transformation into diffuse large B cell lymphoma
Dr. Riccardo Dalla-Favera, M.D., Professor and Director, Institute for Cancer Genetics; Uris Professor of Pathology, Columbia University, Irving Comprehensive Research Center, New York, NY
- 12:00 Exhibits Close / Fermeture des exposants
- 12:00 – 14:00 Buffet Lunch / Dîner (*Montmagny A / B, Beauharnois*)
 Poster Set-up Odd, Recreation / Installation des affiches, Pause

***Sponsored by / Parrainé par:
 BioLegend, Miltenyi Biotec, StemCell Technologies***

Concurrent Sessions:

- 15:00 – 17:00 **Workshop 1 / Atelier 1** (*Montmagny B Room*)
 Tumor Immunology, Immunotherapy and Vaccines
 Chairs: Dr. Goetz Ehrhardt (University of Toronto)
 Dr. David Allen (University of Toronto)
- 15:00 – 17:00 **Workshop 2 / Atelier 2** (*Haldimand Room*)
 Immune Mediated Diseases: Tolerance, Autoimmunity and Inflammation
 Chairs: Dr. Nicolas Flamand (Université Laval)
 Dr. Subburaj Ilangumar (Université de Sherbrooke)
- 15:00 – 18:30 Registrants on their own for leisure activity
- 18:30 – 20:00 Buffet Dinner / Souper (*Salle de bal & Foyer*)
 Cash bar / bar payant

- 20:00 – 22:30 1st Poster Session / 1^{ère} Séance d'affiches
(*Frontenac, Petit Frontenac, Bellevue*)
Odd Numbered Posters / Affiches à numéros impairs
Cash bar / bar payant
- 20:00 – 22:30 Meet the Exhibitors / Rencontre des exposants
(*Frontenac, Petit Frontenac, Bellevue*)
- 23:00 Exhibits Close / Fermeture des exposants
Remove Odd Numbered Posters / Affiches à numéros impairs

Saturday, March 8 / Samedi, 8 mars

- 07:00 – 09:00 Breakfast / Déjeuner (*Montmagny A / B Room*)
Poster Set-up Even / Installation des affiches (*Frontenac, Petit Frontenac, Bellevue*)
Lounge / Conversation Room (*Rose*)
- 08:00 – 09:00 Strategic initiatives in the field of immunity at III-CIHR (*Salle de bal and Foyer*)
Dr. Marc Ouellette, *Scientific Director, CIHR Institute of Infection and Immunity (III)*
- 08:30 Meet the Exhibitors / Rencontre des exposants
(*Frontenac, Petit Frontenac, Bellevue*)
- 09:00 – 12:00 **Symposium II** (*Salle de bal & Foyer*)
Cytokines and Immune Regulation in Interventional Immunology
Chairs: **Dr. Sheela Ramanathan**, *Université de Sherbrooke*
Dr. Jean-Pierre Routly, *McGill University*

Co-Sponsored by / Parrainé par: CIHR Human Immunology Network

- 09:00 – 09:30 Developmental regulation of interleukin-1beta responses in humans
Dr. Pascal Lavoie, MDCM, PhD, FRCPC, Clinician Scientist, CFRI, Assistant Professor, Partner Institute, Division of Neonatology, Department of Pediatrics, University of British Columbia, Neonatologist, BC Children's Hospital and BC Women's Hospital & Health Centre, Vancouver, BC, Canada
- 09:30 – 10:00 Monogenic Autoinflammatory Diseases: Disorders of Amplified Danger Sensing and Proinflammatory Cytokine Dysregulation
Dr. Raphaela Goldbach-Mansky, MD, MHS, Investigator, Translational Autoinflammatory Disease Section, NIH/NIAMS, Bethesda, MD, USA
- 10:00 – 10:30 Regulation of inflammatory gene expression
Dr. Sankar Ghosh, PhD, Chair, Silverstein and Hutt Family, Professor of Microbiology & Immunology, PhD Albert Einstein College of Medicine, New York, NY, USA
- 10:30 – 11:00 Refreshment Break / Pause (*Frontenac, Petit Frontenac, Bellevue*)
- 11:00 – 11:30 Restoring immunocompetence after allogeneic stem cell transplantation and graft-versus-host disease
Dr. Martin Guimond, Ph.D, Assistant Professor, Microbiology-immunology, Université de Montreal, Immunology, Oncology Branch, Montréal, QC, Canada
- 11:30 – 12:00 Interventional immunology using Interleukin-7 in HIV infection: Do we help the host or the virus?
Dr. Jean-Pierre Routy, MD, Professor, Department of Medicine, Division of Experimental Medicine, McGill University, Montréal, QC, Canada
- 12:00 Exhibits Close / Fermeture des exposants
- 12:00 – 13:00 CSI Annual General Meeting / Assemblée Générale de la SCI
(*Salle de bal & Foyer*)
- 12:00 – 13:30 Lunch / Dîner (*Montmagny A / B, Beauharnois Rooms*)
Poster Set-up Even, Recreation / Installation des affiches, Pause

Sponsored by / Parrainé par:
BioLegend, Miltenyi Biotec, StemCell Technologies

Concurrent Sessions:

- 14:00 – 16:00 **Workshop 3 / Atelier 3** (*Montmagny B Room*)
Host-Pathogen Interactions: Innate Immunity to Adaptive Immune Responses
Chairs: Dr. Marc-André Langlois (University of Ottawa)
 Dr. Thierry Mallevaey (University of Toronto)
- 14:00 – 16:00 **Workshop 4 / Atelier 4** (*Haldimand Room*)
Leukocyte Development, Activation, and Signalling
Chairs: Dr. Marc Pouliot (Université Laval)
 Dr. Nathalie Grandvaux (Université de Montreal)
- 15:45 – 18:15 2nd Poster Session / 2^{ème} Séance d'affiches
Even Numbered Posters / Affiches numéros pairs
Cash bar / Bar payant
(*Frontenac, Petit Frontenac, Bellevue*)
- 15:45 – 18:15 Meet the Exhibitors / Rencontre des exposants
- 18:15 Exhibits Close / Fermeture des exposants
Remove Even Numbered Posters / Affiches à numéros pairs
- 18:15 – 19:15 **Bernhard Cinader Award Lectureship /**
Conférence du prix Bernhard Cinader
(*Montmagny A/B Room*)

“From Y Y Z and Beyond”
Dr. Pamela S. Ohashi
Director, Immune Therapy Program, Ontario Cancer Institute, Co-Director, Campbell Family Institute for Breast Cancer Research, Senior Scientist, Ontario Cancer Institute/Princess Margaret Cancer Centre, University Health Network, Professor, Departments of Medical Biophysics and Immunology, University of Toronto, Canada Research Chair in Autoimmunity and Tumour Immunity
- 20:00 – 23:00 Banquet Dinner / Banquet (*Salle de bal & Foyer*)
- 21:30 Presentation of Investigator and Poster Awards

Sunday, March 9 / Dimanche, 9 mars

- 07:00 – 09:00 Breakfast / Déjeuner (*Montmagny A / B Room*)
- 08:00 Meet the Exhibitors / Rencontre des exposants
(*Frontenac, Petit Frontenac, Bellevue*)
- 08:30 – 12:00 **Symposium III** (*Salle de bal & Foyer*)
Autophagy: Survival, Quality and Infection Control, or Out of Control
Chairs: **Dr. Marko Kryworuchko**, *University of Saskatchewan*
Dr. Dana Philpott, *University of Toronto*
- Co-Sponsored by / Parrainé par:**
- Université Laval, Département de Microbiologie-Infectiologie et Immunologie**
- 08:30 – 09:00 Life or Death Decisions of Autophagy
Dr. Marko Kryworuchko, *Assistant Professor, Department of Veterinary Microbiology, Western College of Veterinary Medicine, University of Saskatchewan, Saskatoon, SK, Canada*
- 09:00 – 09:30 Degradation of RNA by autophagy supports genetic stability
Dr. Derrick Gibbings, *Assistant Professor, Department of Cellular and Molecular Medicine, University of Ottawa, Ottawa, ON, Canada*
- 09:30 – 10:00 Nuclear Envelope-Derived Autophagy (NEDA) and antigen presentation during Herpes simplex-1 infection
Dr. Michel Desjardins, *Université de Montréal, Faculté de Médecine, Département de Pathologie et Biologie Cellulaire, Chaire en Microbiologie Cellulaire, Montréal, QC, Canada*
- 10:00 – 10:30 Refreshment Break / Pause
(*Frontenac, Petit Frontenac, Bellevue*)
- 10:30 Exhibits Close / Fermeture des exposants

- 10:30 – 11:00 Role of autophagy genes in infectious and inflammatory diseases
Dr. Herbert (Skip) W. Virgin IV, *Edward Mallinckrodt Professor and Chairman, Department of Pathology and Immunology; Professor of Molecular Microbiology, Professor of Medicine; Pathologist-in-Chief, Barnes-Jewish Hospital, St. Louis, MO, USA*
- 11:00 – 11:30 Interactions of *Salmonella* and *Listeria* with the autophagy system of host cells
Dr. John Brumell, *Senior Scientist, Cell Biology, Hospital for Sick Children (SickKids); Professor, University of Toronto, Institute of Medical Science, Department of Molecular Genetics, Toronto, ON, Canada*
- 11:30 – 12:00 Autophagy-Mediated Antimicrobial Host Defense
Dr. Beth Levine, *Howard Hughes Medical Institute, Professor of Internal Medicine and Microbiology; Charles Cameron Sprague Distinguished Chair in Biomedical Science; Director, Center for Autophagy Research, UT Southwestern Medical Center, Dallas, TX, USA*
- 12:00 – 12:30 Travel Awards / Bourses de Voyage/Tombola
- 12:30 – 14:00 Lunch / Dîner (*Montmagny A / B Rooms*)
- 14:00 Meeting Ends / Fin de la Conférence

*Thank you and have a safe journey
Merci, au revoir et bon voyage de retour*