

CSI Program 2017 / Programme de la SCI 2017

30th Annual Spring Meeting of the Canadian Society for Immunology 30^e Réunion annuelle de la Société canadienne d'immunologie

The Banff Centre, Banff, Alberta
April 7 – 10, 2017 / 7 – 10, avril 2017

Friday, April 7 / Vendredi, 7 avril

- 15:00 – 21:00 CSI Meeting Registration / Inscriptions (*Kinnear 1st Floor Foyer*)
- 15:00 – 20:00 Exhibitor Set-up / Installation des exposants (*Kinnear Rm 201, 203, 205*)
Poster Set-up / Installation des affiches (*Kinnear Rm 201, 203, 205*)
- 16:00 – 20:00 CSI Council Meeting / Réunion du Conseil de la SCI (*CSI Council only*)
(*Kinnear Rm 206*)
- 16:00 – 18:00 Special Session for Trainees (*Kinnear Rm 103, 105*)
“Strategies for Landing the Job After Grad School”
Nana Lee, *Director and Lecturer, Graduate Professional Development, University of Toronto*
- 18:00 – 20:00 Trainee Mixer (*Kinnear Rm 101*)
- 18:30 – 20:00 Registrants on their own for dinner
- 20:00 Exhibits Open (*Kinnear Rm 201, 203, 205*)
- 20:30 – 21:30 **Keynote Address** (*Kinnear Rm 103, 105*)
“Immune Regulation at Barrier Surfaces”
Dr. David Artis, *Michael Kors Professor in Immunology, Joan and Sanford I. Weill Department of Medicine, Weill Cornell Medical College, New York, NY, USA*
- 21:30 – 23:30 Opening Reception / Réception d'ouverture (*Kinnear Rm 201, 203, 205*)
Meet the Exhibitors / Rencontre des exposants

Saturday, April 8 / Samedi, avril

- 07:00 Registration / Inscriptions (*Kinnear 1st Floor Foyer*)
- 07:00 – 09:00 Breakfast / Déjeuner (*Vistas Dining Room – Sally Borden Bldg.*)
- Poster Set-up Odd / Installation des affiches (*Kinnear Rm 201, 203, 205*)
- 08:00 Meet the Exhibitors / Rencontre des exposants (*Kinnear Rm 201, 203, 205*)

Sponsored by / Parrainé par:

CIHR – Institute of Infection and Immunity

- 08:30 – 12:00 **Symposium 1: Immunological Memory** (*Kinnear Rm 103, 105*)
- Chairs: **Dr. Martin Richer**, *McGill University*; **Dr. Nathalie Labrecque**, *Centre de recherche Hôpital Maisonneuve-Rosemont, University of Montreal*
- 08:30 – 09:00 "The not so sweet side of immunoregulation"
- Dr. Martin Richer**, *Assistant Professor, Department of Microbiology and Immunology, McGill University, Quebec, Canada*
- 09:00 – 09:30 "Tissue trafficking potential of memory CD8+ T cells"
- Dr. Jeff Nolz**, *Assistant Professor, Molecular Microbiology and Immunology, Oregon Health and Science University, Portland, OR USA*
- 09:30 – 10:00 "Role of TNFR family members 4-1BB and GITR in the establishment of lung resident memory T cells"
- Dr. Tania Watts**, *Director, Toronto Human Immunology Network, Professor, Department of Immunology, Sanofi Pasteur Chair in Human Immunology, University of Toronto, Ontario, Canada*
- 10:00 – 10:30 Refreshment Break / Pause (*Kinnear Rm 201, 203, 205*)
- 10:30 – 11:00 "Regulation of CD8 T cell memory by the purinergic receptor P2rx7"
- Dr. Steve Jameson**, *Chairman's Fund Professor in Experimental Pathology, Center for Immunology, Department of Laboratory Medicine and Pathology, University of Minnesota, Minneapolis, MN, USA*

11:00 – 11:30 “Tissue compartmentalization of memory T cell responses”

Dr. Donna Farber, *Professor, Surgical Sciences and Microbiology and Immunology, Columbia University Medical Center, New York, NY, USA*

11:30 – 12:00 “Contrasting roles for Notch signaling during acute and chronic CD8+ T cell responses”

Dr. Nathalie Labrecque, *Associate Professor, Centre de recherche Hôpital Maisonneuve-Rosemont, University of Montreal, Quebec, Canada*

12:00 Exhibits Close

Sponsor Presentations:

12:00 – 12:10 “Lyophilized controls for surface and intracellular marker analysis by flow and mass cytometry”

Karen Morley, *PhD, Applications Scientist 1, BioLegend*

12:10 – 12:20 “Advances in immune cell isolation technology”

Amanda Vanden Hoek, *Product Marketing Manager, Cell Separation, StemCell Technologies*

12:20 – 14:00 Buffet Lunch / Dîner (*Vistas Dining Room – Sally Borden Bldg.*)

Poster Set-up, Recreation / Installation des affiches, Pause
(*Kinnear Rm 201, 203, 205*)

Sponsored by / Parrainé par:

Miltenyi Biotec, StemCell Technologies Inc.

Concurrent Sessions:

14:30 – 16:30 **Workshop 1 / Atelier 1** (*Kinnear Rm 301*)

Leukocyte Development, Activation, and Signalling

Chairs: Dr. Bryan Heit, *Western University*

Dr. Judith Mandl, *McGill University*

- 14:30 – 16:30 **Workshop 2 / Atelier 2** (*Kinnear Rm 305*)
Host-Pathogen Interactions: Innate Immunity to Adaptive Immune Responses
Chairs: Dr. Markus Geuking, *University of Calgary*
Dr. Jude Uzonna, *University of Manitoba*
- 16:30 – 18:30 **Mass Cytometry Workshop** (*Kinnear Rm 103, 105*)
“Harnessing the power of Mass Cytometry for functional immune profiling: a practical guide to getting started”
Dr. Cynthia Guidos, *Senior Scientist, Hospital for Sick Children Research Institute, Professor, Dept. of Immunology, University of Toronto, Toronto, ON*
Followed by CHIC - Canadian Human Immunophenotyping Consortium Discussion
- 18:30 – 20:00 Buffet Dinner / Souper (*Vistas Dining Room – Sally Borden Bldg.*)
- 20:00 – 22:00 **1st Poster Session / 1^{ère} Séance d’affiches** (*Kinnear Rm 201, 203, 205*)
Odd Numbered Posters / Affiches à numéros impairs
Cash bar / bar payant
Meet the Exhibitors / Rencontre des exposants
- 22:00 Exhibits Close / Fermeture des exposants
Remove Odd Numbered Posters / Affiches à numéros impairs

Sunday, April 9 / Dimanche, 9 avril

- 07:00 – 09:00 Breakfast / Déjeuner (*Vistas Dining Room – Sally Borden Bldg.*)
Poster Set-up Even / Installation des affiches (*Kinnear Rm 201, 203, 205*)
- 08:00 Meet the Exhibitors / Rencontre des exposants (*Kinnear Rm 201, 203, 205*)

Sponsored by / Parrainé par:
BioLegend

- 08:30 – 12:00 **Symposium II: NK Cells: A Coming of Age** (*Kinnear Rm 103, 105*)
Chairs: **Dr. Jeanette Boudreau**, *Dalhousie University*; **Dr. Debby Burshtyn**, *University of Alberta*
- 08:30 – 09:00 "Molecular mechanisms controlling natural killer cell fate and function"
Dr. Barbara Kee, *Associate Professor, Department of Pathology, University of Chicago, IL, USA*
- 09:00 – 09:30 "SLAM family receptors in NK cell education and activation"
Dr. André Veillette, *Professor, Department of Medicine, University of Montreal; Director, Molecular Oncology Research Unit, IRCM, Montreal, Quebec, Canada*
- 09:30 – 10:00 "Natural Killer cells mediate long-term antigen-specific memory responses via Class I MHC receptors"
Dr. Andrew Makrigiannis, *Head and Professor, Department of Microbiology and Immunology, Dalhousie University, Halifax, NS, Canada*
- 10:00 – 10:30 Refreshment Break / Pause (*Kinnear Rm 201, 203, 205*)
- 10:30 – 11:00 "Human NK cell education: a toolbox for diverse immune function"
Dr. Jeanette Boudreau, *Assistant Professor, Department of Microbiology and Immunology, Dalhousie University, Halifax, NS, Canada*
- 11:00 – 11:30 "Tracking Natural Killer cells during viral infection"
Dr. Lewis Lanier, *J. Michael Bishop, MD, Distinguished Professor and Chair; Professor and Chair, Department of Microbiology and Immunology, University of California San Francisco, CA, USA*
- 11:30 – 12:00 "Memory of the Killer: harnessing NK cells for cancer immunotherapy"
Dr. Todd Fehniger, *Associate Professor of Medicine, Washington University School of Medicine, St. Louis, MO, USA*
- 12:00 Exhibits Close / Fermeture des exposants

Sponsor Presentation:

12:00 – 12:07 “Miltenyi Biotec: Biomedical instruments, reagents and services for research and cellular therapy”

Brendan McIntyre, *Technical Sales Consultant, Miltenyi Biotec Inc., Ontario*

12:07 – 13:07 CSI Annual General Meeting / Assemblée Générale de la SCI
(*Kinnear Rm 103, 105*)

12:07 – 14:00 Buffet Lunch / Dîner (*Vistas Dining Room – Sally Borden Bldg.*)
Poster Set-up, Recreation / Installation des affiches, Pause
(*Kinnear Rm 201, 203, 205*)

Sponsored by / Parrainé par:
Miltenyi Biotec, StemCell Technologies Inc.

Concurrent Sessions:

13:30 – 15:30 **Workshop 3 / Atelier 3** (*Kinnear Rm 301*)

Immune Mediated Diseases: Tolerance, Autoimmunity and Inflammation

Chairs: Dr. Paige Lacy, *University of Alberta*

Dr. Clint Robbins, *University of Toronto*

13:30 – 15:30 **Workshop 4 / Atelier 4** (*Kinnear Rm 305*)

Tumor Immunology, Immunotherapy and Vaccines

Chairs: Dr. Sherri Christian, *Memorial University of Newfoundland*

Dr. Brent Johnston, *Dalhousie University*

15:30 – 17:30 **2nd Poster Session / 2^{ème} Séance d'affiches** (*Kinnear Rm 201, 203, 205*)

Even Numbered Posters / Affiches numéros pairs

Meet the Exhibitors / Rencontre des exposants

Cash bar / Bar payant

17:30

Exhibits Close / Fermeture des exposants

Remove Even Numbered Posters / Affiches à numéros pairs

17:45 – 18:45

Bernhard Cinader Award Lectureship / Conférence du prix Bernhard Cinader (*Max Bell Auditorium*)

“Know Thyself”

Dr. Claude Perreault, M.D., F.R.C.P.(C), *Principal Investigator, Immunobiology Research Unit, IRIC; Professor, Department of Medicine, Faculty of Medicine, Université de Montréal; Hematologist, Maisonneuve-Rosemont Hospital*

- 19:00 Banquet Dinner / Banquet (*Kinnear Rm 103, 105*)
- 21:00 Presentation of Travel Awards and Investigator Awards

Monday, April 10 / Lundi, 10 avril

- 07:00 – 09:00 Breakfast / Déjeuner (*Vistas Dining Room – Sally Borden Bldg.*)

**Co-Sponsored by / Parrainé par:
NSERC CREATE Host-Parasite Interactions (University of Calgary)**

- 08:30 – 12:00 **Symposium III: Immunoparasitology at Mucosal Surfaces**
(*Kinnear Rm 103, 105*)
Chairs: **Dr. Derek McKay**, *University of Calgary*; **Dr. Kathy McCoy**,
University of Calgary
- 08:30 – 09:00 “Acute exposure to enteropathogens shapes the microbiota to induce post-infectious inflammation”
Dr. Andre Buret, *Associate Vice-President (Research), Professor, Department of Biological Sciences, University of Calgary, AB, Canada*
- 09:00 – 09:30 “The chemical language of gastrointestinal nematodes as potential immunotherapy”
Dr. Mary Stevenson, *Professor, Department of Microbiology and Immunology, McGill University, Montreal, Quebec, Canada*
- 09:30 – 10:00 “Alternatively activated macrophages during helminth infections”
Dr. P’ng Loke, *Associate Professor, Department of Microbiology (Parasitology), New York University School of Medicine, NY, USA*
- 10:00 – 10:30 Refreshment Break / Pause (*Kinnear Rm 201, 203, 205*)
- 10:30 – 11:00 “Coincidence detectors in the tissue repair response to helminth infection”
Dr. Carla Rothlin, *Associate Professor, Department of Immunology and Pharmacology, Yale University School of Medicine, New Haven, CT, USA*

11:00 – 11:30 “Divergent roles for Ly6C⁺CCR2⁺CX3CR1⁺ inflammatory monocytes at cutaneous sites of infection with *Leishmania*”

Dr. Nathan Peters, *Assistant Professor, Department of Microbiology, Immunology and Infectious Diseases, University of Calgary, AB, Canada*

11:30 – 13:30 Lunch / Dîner (*Vistas Dining Room*)

13:30 CSI Meeting Ends / Fin de la Conférence

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