

CSI Program 2011 / Programme de la SCI 2011

24th Annual Spring Meeting of the Canadian Society for Immunology 24^{ème} Réunion Annuelle de la Société Canadienne pour l'Immunologie

Fairmont Chateau Lake Louise, Lake Louise, Alberta

April 8 – 11, 2011 / 8 – 11, Avril 2011

Friday, April 8 / Vendredi, 8 Avril

- 16:00 – 18:00 CSI Council Meeting / Réunion du Conseil de la SCI (*CSI Council only*)
(*Parker Room*)
- 15:00 – 20:00 Exhibitor Set-up / Installation des exposants
(*Mount Temple Ballroom B/C*)
- 15:00 – 21:00 Registration / Inscriptions (*Heritage Hall Foyer*)
Poster Set-up / Installation des affiches
(*Mount Temple Ballroom B/C*)
- 18:30 – 20:00 Buffet Dinner / Souper (*Victoria Room*)
- 20:00 Exhibits Open (*Mount Temple Ballroom B/C*)
- 20:30 – 21:30 **Keynote Address** (*Mount Temple Ballroom A*)
The NLR gene family: Infection, inflammation and cancer
Dr. Jenny Ting, *William Rand Kenan Distinguished Professor of Microbiology and Immunology, University of North Carolina; Co-Director, Inflammatory Diseases Institute; Director, Center for Translational Immunology, Chapel Hill, NC, USA*

Sponsored by / Parrainé par: Beckman Coulter Canada Inc.

- 21:30 – 23:30 Opening Reception / Réception d'ouverture
Meet the Exhibitors / Rencontre des exposants
(*Mount Temple Ballroom B/C*)

Sponsored by / Parrainé par: BD Biosciences

Saturday, April 9 / Samedi, 9 Avril

Platinum Sponsor: BD Biosciences

- 07:00 Registration / Inscriptions (*Heritage Hall Foyer*)
- 07:00 – 09:00 Breakfast / Déjeuner (*Victoria Room*)
Poster Set-up / Installation des affiches
(*Mount Temple Ballroom B/C*)
- 08:00 Meet the Exhibitors / Rencontre des exposants
(*Mount Temple Ballroom B/C*)
- 08:30 – 12:00 **Symposium I** (*Mount Temple Ballroom A*)
Protective Antibodies Against Pathogens and Vaccines
Chair: **Dr. John Schrader**, *The Biomedical Research Centre*
Co-chair: **Dr. Jamie Scott**, *Simon Fraser University*

Educational Grant Provided by / Parrainé par: CIHR - III

- 08:30 – 09:00 Features of Antibodies Against Chronic and Acute Viral Infections:
Implications for Vaccine Design
Dr. Jamie K. Scott, *Professor, Department of Molecular Biology and Biochemistry, Simon Fraser University, Burnaby, BC, Canada*
- 09:00 – 09:30 Structural Studies on Broadly Neutralizing Human Anti-Influenza
Antibodies Reveal Vulnerability in our Host Defense
Dr. Wayne Marasco, *Associate Professor of Medicine, Department of Cancer Immunology and Aids, Dana-Farber Cancer Institute, Harvard Medical School, Boston, MA, USA*
- 09:30 – 10:00 The Human Antibody Response to Influenza - Lessons From the 2009
Pandemic
Dr. John W Schrader, *Professor and Director, The Biomedical Research Centre, University of British Columbia, Vancouver, BC, Canada*
- 10:00 – 10:30 Refreshment Break / Pause (*Mount Temple Ballroom B/C*)
- 10:30 – 11:00 Generation of the Antibody Response
Dr. Michel Nussenzweig, *Sherman Fairchild Professor; Investigator, HHMI, Laboratory of Molecular Immunology, Rockefeller University, New York, NY, USA*

- 11:00 – 11:30 B Cell Memory: The Secret to Longevity
Dr. David Tarlinton, *Professor, Division of Immunology, Walter and Eliza Hall Institute of Medical Research, Melbourne, Australia*
- 11:30 – 12:00 Regulation of High Affinity and Auto Antibody Responses by CD8⁺ Regulatory T Cells
Dr. Harvey I Cantor, *Chair, Department of Cancer Immunology & Aids, Dana-Farber Cancer Institute, Boston, MA, USA*
- 12:00 Exhibits Close / Fermeture des exposants
- 12:00 – 13:00 Buffet Lunch / Dîner (*Victoria Room*)
Poster Set-up, Recreation / Installation des affiches, Pause
- 13:00 – 14:00 **BD Symposium:** (*Pipestone Room*)
Perpetual Innovative Flow Cytometry Technologies and Customer Focused Solutions
Presented by: **Larry Duckett**, *Director, Special Order Research Products, BD*

Concurrent Sessions:

- 14:30 – 16:30 Workshop 1 / Atelier 1 (*Beehive/Lakeshore Room*)
Leukocyte Development, Activation and Signaling
Chairs: Dr. Rob Ingham (University of Alberta)
Dr. Woong-Kyung Suh (Clinical Research Institute of Montreal)
- 14:30 – 16:30 Workshop 2 / Atelier 2 (*Plain of Six/Saddleback Room*)
Innate immunity
Chairs: Dr. Debby Burshtyn (University of Alberta)
Dr. Thierry Mallevaey (University of Toronto)

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

- 16:30 – 17:30 **GSK Symposium** (*Pipestone Room*)
Pandemic H1N1 Vaccine: From bench to flu clinic
“The AS03 Adjuvant System: Mechanism of Action”
 Scott Simpson, *PhD, Medical Affairs, GSK Canada*
“Assessing the Adjuvanted Pandemic H1N1 Vaccine: Immunogenicity and Effectiveness”
 Ayman Chit, *Mbiotech, PhD(c), Medical Affairs, GSK Canada*
- 16:30 – 18:30 Registrants on their own for leisure activity
- 17:30 – 18:30 The Institute of Infection and Immunity in 2011
(Mount Temple Ballroom A)
Dr. Marc Ouellette, *Scientific Director, CIHR Institute of Infection and Immunity*
- 18:30 – 20:00 Buffet Dinner / Souper (*Victoria Room*)
Cash bar / bar payant
- 20:00 – 22:30 1st Poster Session / 1^{ère} Séance d'affiches
Odd Numbered Posters / Affiches à numéros impairs
Cash bar / bar payant
(Mount Temple Ballroom B/C)
- 20:00 – 22:30 Meet the Exhibitors / Rencontre des exposants
(Mount Temple Ballroom B/C)
- 23:00 Poster Presenters to Remove Saturday Posters
Exhibits Close / Fermeture des exposants

Sunday, April 10 / Dimanche, 10 Avril

Platinum Sponsor: BD Biosciences

- 07:00 – 09:00 Breakfast / Déjeuner (*Victoria Room*)
Poster Set-up / Installation des affiches
(*Mount Temple Ballroom B/C*)
- 08:00 Meet the Exhibitors / Rencontre des exposants
(*Mount Temple Ballroom B/C*)
- 08:30 – 12:00 **Symposium II** (*Mount Temple Ballroom A*)
Imaging Leukocyte Activation
Chair: **Dr. Hanne Ostergaard**, *University of Alberta*

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- 08:30 – 09:00 The Rap GTPase Controls Cytoskeletal Dynamics in Lymphocytes
Dr. Mike Gold, *Professor and Head, Department of Microbiology and Immunology, University of British Columbia, Vancouver, BC, Canada*
- 09:00 – 09:30 Imaging Phagocytosis: Receptors, Phospholipids and the Cytoskeleton
Dr. Sergio Grinstein, *Senior Scientist and Pitblado Chair in Cell Biology, Hospital for Sick Children Research Institute; Professor, Department of Biochemistry, University of Toronto, Toronto, ON, Canada*
- 09:30 – 10:00 Single Molecule Dynamics of FcεRI During Signaling
Dr. Diane Lidke, *Assistant Professor, SOM Pathology Department, University of New Mexico, Albuquerque, NM, USA*
- 10:00 – 10:30 Refreshment Break / Pause (*Mount Temple Ballroom B/C*)
- 10:30 – 11:00 Signaling at the T Cell Antigen Receptor
Dr. Lawrence E Samelson, *Laboratory Chief, Laboratory of Cellular and Molecular Biology, Center for Cancer Research, National Cancer Institute, National Institutes of Health, Bethesda, MD, USA*

- 11:00 – 11:30 Control of Secretion at the Immunological Synapse
Dr. Gillian Griffiths, *Wellcome Trust Principal Research Fellow, Department of Medicine, Cambridge Institute of Medical Research, Cambridge, United Kingdom*
- 11:30 – 12:00 Controlling Cytoskeletal Dynamics in Cytotoxic T Lymphocytes
Dr. Hanne Ostergaard, *Professor, Dept. of Medical Microbiology & Immunology, University of Alberta, Edmonton, AB, Canada*
- 12:00 Exhibits Close / Fermeture des exposants
- 12:00 – 13:00 CSI Annual General Meeting / Assemblée Générale de la SCI
- 12:00 – 13:30 Lunch / Dîner (*Victoria Room*)
 Poster Set-up, Recreation / Installation des affiches, Pause

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

Concurrent Sessions:

- 13:30 – 15:30 Workshop 3 / Atelier 3 (*Beehive/Lakeshore Room*)
Tolerance and Autoimmunity
 Chairs: Dr. Troy Baldwin (University of Alberta)
 Dr. Jonathan Choy (Simon Fraser University)
- 13:30 – 15:30 Workshop 4 / Atelier 4 (*Plain of Six/Saddleback Room*)
Immune Responses, Memory and Vaccine Design
 Chairs: Dr. Kevin Kane (University of Alberta)
 Dr. Jude Uzonna (University of Manitoba)
- 15:45 – 18:15 2nd Poster Session / 2^{ème} Séance d'affiches
 Even Numbered Posters / Affiches numéros pairs
 Cash bar / Bar payant
 (*Mount Temple Ballroom B/C*)
- 15:45 – 18:15 Meet the Exhibitors / Rencontre des exposants
 (*Mount Temple Ballroom B/C*)
- 18:15 Exhibits Close / Fermeture des exposants

18:15 – 19:15

**Bernhard Cinader Award Lectureship /
Conférence du prix Bernhard Cinader**
(Mount Temple Ballroom A)

Experiments and Adventures with Endoglin and Immunology!

Dr. Michelle Letarte, Senior Scientist, Hospital for Sick Children, Toronto. Professor of Immunology, Pediatrics, Medical Biophysics, Obstetrics and Gynecology, and Member of the Heart and Stroke Richard Lewar Centre for Excellence, at the University of Toronto. Chair of the Education Committee for the International Union of Immunological Societies (IUIS).

Sponsored by / Parrainé par: VWR International

20:00 – 23:00

Banquet Dinner / Banquet (Victoria Room)

Cash bar / bar payant

21:30

Presentation of Investigator, John D Reynolds and Poster Awards

Monday, April 11 / Lundi, 11 Avril

Platinum Sponsor: BD Biosciences

07:00 – 09:00

Breakfast / Déjeuner (Victoria Room)

Meet the Exhibitors / Rencontre des exposants

(Mount Temple Ballroom B/C)

08:30 – 12:00

Symposium III (Mount Temple Ballroom A)

Tolerance and Transplantation Immunology

Chair: **Dr. Colin Anderson**, University of Alberta

Co-chair: **Dr. Megan Levings**, University of British Columbia

**Educational Grant Provided by / Parrainé par:
Canadian Society of Transplantation**

08:30 – 09:00

Unraveling the Roles of Lymphocytes in the Cardiovascular Adaptations of Pregnancy

Dr. Anne Croy, Professor, Department of Anatomy and Cell Biology, Queens University, Kingston, ON, Canada

09:00 – 09:30

B Cell Tolerance

Dr. Lori West, Professor, Departments of Pediatrics; Surgery; Medical Microbiology & Immunology, University of Alberta, Edmonton, AB, Canada

- 09:30 – 10:00 Transplantation and the Role of Immunological Diversity in Host Defense
Dr. Jeffrey L. Platt, MD, Professor of Surgery and Professor of Microbiology & Immunology, University of Michigan, Ann Arbor, MI, USA
- 10:00 – 10:30 Refreshment Break / Pause (*Mount Temple Ballroom B/C*)
- 10:30 – 11:00 Transplantation as a Tool to Define the Default Rules of Immunity
Dr. Colin Anderson, AIHS Senior Scholar; Associate Professor, Alberta Diabetes Institute, Departments of Surgery; Medical Microbiology & Immunology, University of Alberta, Edmonton, AB, Canada
- 11:00 – 11:30 Cellular Therapy with Tregs to Induce Transplantation Tolerance
Dr. Megan Levings, Associate Professor, Department of Surgery, University of British Columbia, Vancouver, BC, Canada
- 11:30 – 12:00 Tolerogenic DCs
Dr. Angus Thomson, Distinguished Professor, Department of Immunology, University of Pittsburgh, Pittsburgh, PA, USA
- 12:00 – 12:15 Travel Awards / Bourses de Voyage/Tombola
- 12:00 Exhibits Close / Fermeture des exposants
- 12:15 – 13:30 Lunch / Dîner (*Victoria Room*)
- 14:00 Meeting Ends / Fin de la Conférence

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