

# PRELIMINARY PROGRAM

## CSI Program 2012

### 25<sup>th</sup> Annual Spring Meeting of the Canadian Society for Immunology

Sheraton Hotel Newfoundland, St. John's, Newfoundland

June 15 – 18, 2012

#### Friday, June 15 / Vendredi 15 Juin

- 16:00 – 18:00 CSI Council Meeting / Réunion du Conseil de la SCI (*CSI Council only*)  
(*Confederation Boardroom*)
- 15:00 – 20:00 Exhibitor Set-up / Installation des exposants (*Fort William Ballroom B,C,D*)
- 15:00 – 21:00 Registration / Inscriptions (*Fort William Foyer*)  
Poster Set-up / Installation des affiches (*Fort William Ballroom B,C,D*)
- 18:30 - 20:00 Buffet Dinner (*Avalon/Battery & Court Garden*)
- 20:00 Exhibits Open (*Fort William Ballroom B,C,D*)
- 20:30 – 21:30 **Keynote Address** (*Fort William Ballroom A*)
- Treg Control of Non-immunological Processes  
**Dr. Diane J. Mathis**, *Professor and Division Head, Department of Microbiology and Immunobiology; Division of Immunology, Harvard Medical School, Director of the JDRF Center on Immunological Tolerance in Type-1 Diabetes*
- 21:30 – 23:30 Opening Reception / Réception d'ouverture (*Fort William Ballroom B,C,D*)  
Meet the Exhibitors / Rencontre des exposants

#### Saturday, June 16 / Samedi 16 Juin

- 07:00 Registration / Inscriptions (*Fort William Foyer*)
- 07:00 – 09:00 Breakfast / Déjeuner (*Avalon/Battery & Court Garden*)  
Poster Set-up / Installation des affiches (*Fort William Ballroom B,C,D*)
- 08:00 Meet the Exhibitors / Rencontre des exposants (*Fort William Ballroom B,C,D*)

- 09:00 – 12:00      **Symposium I** (*Fort William Ballroom A*)  
**Immunometabolism**  
Chair:      **Dr. Russell G. Jones**, *McGill University*
- 09:00 – 09:30      Regulation of Inflammatory T Cell Function by LKB1-AMPK Signaling  
**Dr. Russell G. Jones**, *Assistant Professor, Department of Physiology, McGill University, Montreal, PQ, Canada*
- 09:30 – 10:00      Mitochondrial Plasticity Dictates Memory CD8+ T Cell Fate  
**Dr. Erika Pearce**, *Assistant Professor, Washington University School of Medicine, Department of Pathology & Immunology, St. Louis, MO, USA*
- 10:00 – 10:30      Autophagy as a Central Regulator of Memory T Cell Function  
**Dr. Julian J. Lum**, *Scientist, BC Cancer Agency; Adjunct Assistant Professor, Biochemistry and Microbiology, University of Victoria*
- 10:30 – 11:00      Refreshment Break / Pause
- 11:00 – 11:30      Regulation of CD4+ T Cell Function Through Metabolism  
**Dr. Jeffrey C. Rathmell**, *Associate Professor, Pharmacology and Cancer Biology; Director, Graduate Studies, Pharmacology, Duke University Medical Center, Durham, NC, USA*
- 11:30 – 12:00      Liver X Receptors (LXR) and Innate Immune Function  
**Dr. Steven J. Bensinger**, *Assistant Professor, Institute for Molecular Medicine, Department of Pathology and Laboratory Medicine, UCLA Jonsson Comprehensive Cancer Center, Los Angeles, CA*
- 12:00 – 14:00      Buffet Lunch / Dîner (*Avalon/Battery & Court Garden*)  
Poster Set-up, Recreation / Installation des affiches, Pause
- Concurrent Sessions:**
- 14:30 – 16:30      Workshop 1 / Atelier 1 (*Garrison Room*)  
Leukocyte Development, Activation, and Signalling
- 14:30 – 16:30      Workshop 2 / Atelier 2 (*Signal Room*)  
Immune Mediated Diseases: Tolerance, Autoimmunity and Inflammation
- 16:30 – 18:30      Registrants on their own for leisure activity
- 18:30 – 20:00      Buffet Dinner / Souper (*Avalon/Battery & Court Garden*)  
Cash bar / bar payant
- 20:00 – 22:30      1<sup>st</sup> Poster Session / 1<sup>ère</sup> Séance d'affiches (*Fort William Ballroom B,C,D*)
- 20:00 – 22:30      Meet the Exhibitors / Rencontre des exposants (*Fort William Ballroom B,C,D*)

## Sunday, June 17 / Dimanche 17 Juin

- 07:00 – 09:00 Breakfast / Déjeuner (*Avalon/Battery & Court Garden*)  
Poster Set-up / Installation des affiches (*Fort William Ballroom B,C,D*)
- 08:30 Meet the Exhibitors / Rencontre des exposants (*Fort William Ballroom B,C,D*)
- 09:00 – 12:00 **Symposium II** (*Fort William Ballroom A*)  
**From Hematopoiesis to Immunity**  
Chair: **Dr. JC Zúñiga-Pflücker**, *University of Toronto*  
Co-Chair: **Dr. Troy Baldwin**, *University of Alberta*
- 09:00 – 09:30 Core Binding Factors in Hematopoiesis  
**Dr. Nancy A. Speck**, *Professor, Department of Cell and Developmental Biology, University of Pennsylvania, Philadelphia, PA, USA*
- 09:30 – 10:00 Understanding Normal and Disease Processes in the Thymus Through Global Transcriptional Profiling  
**Dr. Howard Petrie**, *Professor, Department of Cancer Biology, Scripps Research Institute Florida, Jupiter, FL, USA*
- 10:00 – 10:30 Human Progenitor T Cells, From in Vitro Generation to in Vivo Function  
**Dr. JC Zúñiga-Pflücker**, *Professor, Department of Immunology, University of Toronto, Senior Scientist, Sunnybrook Research Institute, Toronto, ON, Canada*
- 10:30 – 11:00 Refreshment Break / Pause
- 11:00 – 11:30 Stage Specific Requirement for Bim During Thymic Negative Selection  
**Dr. Troy Baldwin**, *Assistant Professor, Department of Medical Microbiology & Immunology, University of Alberta, Edmonton, AB, Canada*
- 11:30 – 12:00 Homeostatic Cytokines and their Role as Adjuncts in Immune Based Therapies  
**Dr. Crystal Mackall**, *Chief, Pediatric Oncology Branch, National Cancer Institute, Bethesda, MD, USA*
- 12:00 Exhibits Close / Fermeture des exposants
- 12:00 – 13:00 CSI Annual General Meeting / Assemblée Générale de la SCI  
(*Fort William Ballroom A*)
- 12:00 – 13:30 Lunch / Dîner (*Avalon/Battery & Court Garden*)  
Poster Set-up / Installation des affiches

**Concurrent sessions:**

- 13:30 – 15:30 Workshop 3 / Atelier 3 (*Garrison Room*)  
Host-Pathogen Interactions: Innate Immunity to Adaptive Immune Responses
- 13:30 – 15:30 Workshop 4 / Atelier 4 (*Signal Room*)  
Tumor Immunology, Immunotherapy and Vaccines
- 15:45 – 18:15 2<sup>nd</sup> Poster Session / 2<sup>ème</sup> Séance d'affiches (*Fort William Ballroom B,C,D*)
- 15:45 – 18:15 Meet the Exhibitors / Rencontre des exposants
- 18:15 Exhibits Close / Fermeture des exposants
- 18:15 – 19:15 **Bernhard Cinader Award Lectureship /  
Conférence du prix Bernhard Cinader**  
(*Fort William Ballroom A*)  
  
Imaging the Immune System in Blood Vessels: Seeing a Whole New World  
**Dr. Paul Kubes**, *Professor, Departments of Physiology & Pharmacology,  
Medicine and Microbiology, Immunology & Infectious Diseases, University of  
Calgary; Director, Snyder Institute of Infection, Immunity and Inflammation;  
Immunology and Gastrointestinal Research Groups; AHFMR Scientist and CRC  
Chair*
- 20:00 – 23:00 Banquet Dinner / Banquet (*Avalon/Battery & Court Garden*)

**Monday, June 18 / Lundi 18 Juin**

- 07:00 – 09:00 Breakfast / Déjeuner (*Avalon/Battery & Court Garden*)  
Meet the Exhibitors / Rencontre des exposants
- 09:00 – 12:00 **Symposium III** (*Fort William Ballroom A*)  
**Environment, Genetics and Immune Regulation in Autoimmune Diseases**  
Chair: **Dr. George Carayanniotis**, *Memorial University of Newfoundland*  
Co-chair: **Dr. Pere Santamaria**, *University of Calgary*
- 09:00 – 09:30 Harnessing Autoregulatory T Cell Memory for the Treatment of Autoimmune Disease  
  
**Dr. Pere Santamaria**, *Professor, Department of Microbiology, Immunology & Infectious Diseases, University of Calgary, Calgary, AB, Canada*
- 09:30 – 10:00 Vitamin D and Autoimmune Disease  
  
**Dr. Colleen Hayes**, *Professor, Department of Biochemistry, University of Wisconsin-Madison, Madison, WI, USA*

- 10:00 – 10:30      The Evolving Story of Thyroid Autoimmunity: From Gene-Environment Interactions to Epigenetics  
**Dr. Yaron Tomer**, *Professor and Chief, Medicine, Endocrinology, Diabetes and Bone Disease, The Mount Sinai Medical Center, New York, NY, USA*
- 10:30 – 11:00      Refreshment Break / Pause  
11:00                Exhibits Close / Fermeture des exposants
- 11:00 – 11:30      Protection Against Autoimmunity: Some Regulatory Mechanisms  
**Dr. Elizabeth Mellins**, *Professor, Department of Pediatrics, Human Gene Therapy, Stanford University School of Medicine, Stanford, CA, USA*
- 11:30 – 12:00      Iodine and Thyroid Autoimmunity  
**Dr. George Carayanniotis**, *Professor of Endocrinology, Department of Biomedical Sciences, Memorial University of Newfoundland, St. John's, NL, Canada*
- 12:00 – 12:30      Travel Awards / Bourses de Voyage/Tombola
- 12:30 – 14:00      Lunch / Dîner (*Avalon/Battery & Court Garden*)
- 14:00                Meeting Ends / Fin de la Conférence