

17th Annual Meakins-Christie
International Workshop
in collaboration with the
Strauss Severe Asthma Program



MUHC Research Institute

ASTHMA AND COPD

February 8-9, 2015

Chateau Bromont
90 Stanstead Street
Bromont, QC
Tel: 450-534-4545

Host: Dr. Qutayba Hamid
Coordinator: Maria Makroyanni

SUNDAY, FEBRUARY 8, 2015

- 7:30 **Registration**
- 8:00 Welcome/Opening Remarks (*Salon AB*)
Dr. Qutayba Hamid
- 8:15 Role of CRTh2+ Th2 cells in asthma: Persistence or
resistance?
Dr. Lisa Cameron
- 8:45 TSLP and type 2 inflammation in airway diseases
Dr. Atsushi Kato
- 9:15 Tracking epitope-specific T cell responses in asthma
and allergy
Dr. Mark Larché
- 9:45 Glycans on Muc5b function as a specific pro-
apoptotic ligand for Siglec-F on eosinophils
Dr. Bruce Bochner
- 10:15 **Coffee Break**
- 10:30 The journey of cell death in pulmonary infectious
diseases
Dr. Maziar Divangahi
- 11:00 Co-infection with human rhinovirus and
Pseudomonas aeruginosa modulates human B-
defensin expression in COPD
Dr. Richard Leigh

SUNDAY, FEBRUARY 8, 2015

- 11:30 Vertical transmission of respiratory syncytial virus (RSV) to fetuses in utero alters post-natal Th1/Th2 balance
Dr. Giovanni Piedimonte
- 12:00 Rhinovirus modulation of epithelial-fibroblast interactions
Dr. David Proud
- 12:30 Regulation of immune function at gut interface: Identification of factors for prevention of allergic and gastrointestinal diseases in humans
Dr. Meri Tulic
- 1:00 **Lunch** (*Chasse à Courre AB Room*)
- 4:00 Potential new treatments for asthma
Dr. Paul O'Byrne
- 4:30 Endotyping severe asthma in UBIO-PRED
Dr. Kian Fan Chung
- 5:00 Modulation of IL-13 signalling by surfactant protein A in asthma
Dr. Monica Kraft
- 5:30 The road to solve missing heritability in asthma
Dr. Catherine Laprise
- 6:00 **Dinner** (*Knowlton Hall*)

MONDAY, FEBRUARY 9, 2015

- 7:00 **Breakfast** (*Quatre Canards*)
- 8:00 Phosphatase regulation of severe lung inflammation
Dr. Zhou Zhu
- 8:30 Role and regulation of dendritic cell migration in airway inflammation
Dr. Angela Haczku
- 9:00 Update in immunology of asthma
Dr. Patricia Finn and Dr. David Perkins
- 9:30 Eosinophil extracellular granules: Generation and function
Dr. Peter Weller
- 10:00 Novel mechanisms for persistent airway eosinophilia
Dr. Parameswaran Nair
- 10:30 **Coffee Break**
- 10:45 Mechanisms of bacterial exacerbation of cigarette smoke-induced inflammatory processes
Dr. Martin Stämpfli
- 11:15 Therapeutic potential of the aryl hydrocarbon receptor (AhR) in cigarette smoke-induced inflammation
Dr. Carolyn Baglole

SPEAKERS

MONDAY, FEBRUARY 9, 2015

- 11:45 Innate lymphoid cells contribute to allergen-induced asthma exacerbation by obesity
Dr. Anne Tsicopoulos
- 12:15 Repair and regeneration of bronchial epithelium after injury
Dr. Mingyao Liu
- 12:45 **Lunch**
- 2:00 **Departures**

Dr. Carolyn Baglole
McGill University

Dr. Bruce Bochner
Northwestern University, USA

Dr. Lisa Cameron
Western University, CANADA

Dr. Kian Fan Chung
Imperial College London, UK

Dr. Maziar Divangahi
McGill University

Dr. Patricia Finn
University of Illinois, USA

Dr. Angela Haczku
University of Pennsylvania
USA

Dr. Atsushi Kato
Northwestern University, USA

Dr. Monica Kraft
University of Arizona, USA

Dr. Catherine Laprise
Université du Québec à Chicoutimi
CANADA

Dr. Mark Larché
McMaster University, CANADA

Dr. Richard Leigh
University of Calgary, CANADA

Dr. Mingyao Liu
University of Toronto, CANADA

Dr. Parameswaran Nair
McMaster University, CANADA

Dr. Paul O'Byrne
McMaster University, CANADA

Dr. David Perkins
University of Illinois, USA

Dr. Giovanni Piedimonte
Cleveland Clinic Children's Hosp.
USA

Dr. David Proud
University of Calgary, CANADA

Dr. Martin Stämpfli
McMaster University, CANADA

Dr. Anne Tsicopoulos
Institut Pasteur de Lille, FRANCE

Dr. Meri Tulic
Université de Nice Sophia-Antipolis
FRANCE

Dr. Peter Weller
Harvard University, USA

Dr. Zhou Zhu
Yale University, USA

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