

**18th Annual Meakins-Christie
International Workshop
in collaboration with the
Strauss Severe Asthma Program**



Montreal, Quebec

ASTHMA AND COPD

March 19-20, 2016

Omni Mont-Royal Hotel Montreal
1050 Sherbrooke Street West
Montreal, QC
Tel: 514-284-1110

Host: Dr. Qutayba Hamid
University of Sharjah
Coordinator: Maria Makroyanni

SATURDAY, March 19, 2016

- 7:00 **Registration** (*Pierre de Coubertin*)
- 8:00 Welcome/Opening Remarks
Dr. Qutayba Hamid
- 8:15 Role of Lp-PLA2 (PAF-AH) in macrophage
polarization
Dr. Angela Haczku
- 8:45 Role of semaphorin 3E/plexinD1 in airway
inflammation and remodeling
Dr. Abdelilah Soussi-Gounni
- 9:15 Targeting Siglec-8 and Siglec-9 in inflammatory
lung diseases
Dr. Zhou Zhu
- 9:45 Vertical transmission of respiratory syncytial virus
to fetuses in utero conveys immune tolerance to
post-natal infection
Dr. Giovanni Piedimonte
- 10:15 **Coffee Break** (*Atrium*)
- 10:30 Regulatory mechanisms of type I IFN in influenza
viral infection
Dr. Maziar Divangahi
- 11:00 Novel modulators of locomotor muscle
dysfunction and atrophy in COPD patients
Dr. Sabah Hussain

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J.T. Costello Memorial Research Fund

Richard and Edith Strauss Foundation



SPEAKERS

Dr. Sergejs Berdnikovs, Northwestern University, USA
Dr. Lisa Cameron, Western University, CANADA
Dr. Jamila Chakir, Université Laval, CANADA
Dr. Ron Dandurand, McGill University, CANADA
Dr. Maziar Divangahi, McGill University, CANADA
Dr. Angela Haczku, University of California, Davis, USA
Dr. Qutayba Hamid, University of Sharjah, UAE
Dr. Russell Hepple, McGill University, CANADA
Dr. Sabah Hussain, McGill University, CANADA
Dr. Mingyao Liu, University of Toronto, CANADA
Dr. Parameswaran Nair, McMaster University, CANADA
Dr. Marc Peters-Golden, University of Michigan, USA
Dr. Giovanni Piedimonte, Cleveland Clinic Children's Hosp., USA
Dr. Abdelilah Soussi Gounni, University of Manitoba, CANADA
Dr. Martin Stampfli, McMaster University, CANADA
Dr. Donata Vercelli, University of Arizona, USA
Dr. Mark Inman, McMaster University, CANADA
Dr. Harissios Vliagoftis, University of Alberta, CANADA
Dr. Nizar Jarjour, University of Wisconsin, USA
Dr. Zhou Zhu, Yale University, USA

SATURDAY, March 19, 2016

11:30 The role of denervation in driving fiber type shift and muscle atrophy in COPD locomotor muscle
Dr. Russell Hepple

12:00 The influence of fluid shift on nocturnal airway narrowing in asthma
Dr. Mark Inman

12:30 Cell-cell communication via vesicular delivery of SOCS proteins
Dr. Marc Peters-Golden

1:00 **Lunch (Atrium)**

4:00 Smoking and bronchial epithelial cells
Dr. Mingyao Liu

4:30 Environmental mechanisms of asthma protection - of mice and men
Dr. Donata Vercelli

5:00 Moving up! Cigarette smoke's impact on nasal host responses
Dr. Martin Stämpfli

5:30 Mepolizumab modulates inflammatory airway response to allergen segmental bronchoprovocation
Dr. Nizar Jarjour

6:00 **Dinner (Salon Printemps)**

SUNDAY, March 20, 2016

- 7:00 **Breakfast (Atrium)**
- 8:30 Pathogenic autoantibodies in sputum in severe eosinophilic asthma
Dr. Parameswaran Nair
- 9:00 Validation of real-world, non-research thoracic CT scans for quantitative analysis of COPD
Dr. Ron Dandurand
- 9:30 Role of CRTh2 pathway in the susceptibility and trajectory of asthma
Dr. Lisa Cameron
- 10:00 Bronchial thermoplasty: Horizons beyond the smooth muscle
Dr. Jamila Chakir
- 10: 30 **Coffee Break (Atrium)**
- 10:45 Role of IL-17 in asthma
Dr. Qutayba Hamid
- 11:15 Beyond epithelial-to-mesenchymal transition: Systemic programs underlying epithelial barrier dysfunction in unified airway disease
Dr. Sergejs Berdnikovs
- 11:45 Protease-activated receptor-2 expression in asthma
Dr. Harissios Vliagoftis

SUNDAY, March 20, 2016

- 12:15 Closing Remarks
- 12:30 **Lunch (Atrium)**
- 2:00 Departures