



# Meakins-Christie Laboratories



McGill



# FINAL PROGRAM

The 20<sup>th</sup> Annual Meakins-Christie International Symposium on Asthma and COPD

March 15-16 | InterContinental Dubai Festival City

IN COLLABORATION WITH:



**Gulf Thoracic**

مؤتمر الخليج لطب وجراحة الصدر

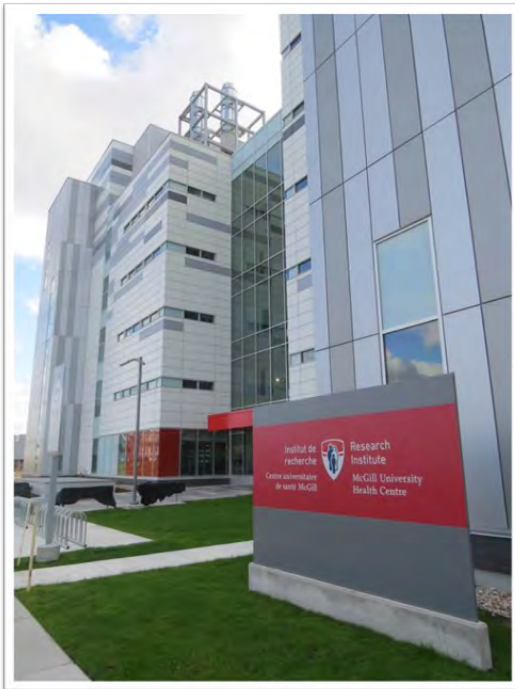
**DUBAI 2018**

14-17 MARCH | INTERCONTINENTAL - FESTIVAL CITY



جامعة الشارقة  
UNIVERSITY OF SHARJAH

# MEAKINS-CHRISTIE LABORATORIES



Meakins-Christie laboratories are the centre of respiratory research at McGill University. They constitute one of the premiere centres for respiratory research in the world. The study of respiratory physiology and pathophysiology is pursued using a multi-disciplinary approach.

Individual laboratories are devoted to basic physiology, molecular pathology, cellular and molecular biology, biochemistry, lung imaging, and microscopy.

This year, GT2018 will be hosting the 20th Annual Meakins-Christie International Symposium on Asthma and COPD. The Objective for this meeting is to spread up-to-date knowledge and exchange ideas between McGill Respiratory clinicians and researchers with other institutes in and outside North America focusing on basic and translational research in Allergy, Asthma and COPD.

At this year's meeting we have partnered with the *GulfThoracic* Congress and the American Thoracic Society to put together a comprehensive clinical and basic science program that will meet the expectations of audiences from different disciplines and give them the opportunity to interact with faculty members. We are looking forward to interactive sessions and scientific dialogues that will be stimulating to our audience and also constructive and sustainable collaborations between our institute and institutes in the Gulf region.

## Who should attend?

- All specialties of Pulmonary Medicine
- Pharmacists
- Scientists
- Researchers in Public Health
- Health Promotion including
- Environmental and Occupational Health

# CHAIRMAN'S MESSAGE

## Dear Colleagues and Friends,

The 20th Annual Meakins-Christie International Symposium on Asthma and COPD is one of the most popular Respiratory meetings in Canada and the United States. For the second time, this meeting is taking place in conjunction with the *GulfThoracic* Congress in Dubai and in collaboration with the American Thoracic Society. The objective for this meeting has been always to spread the up to date knowledge and exchange ideas between McGill Respiratory clinicians and researchers with other institutes in and outside North America. We were focused on basic and translational research in Allergy, Asthma and COPD. However, in the last few years we added new sessions on the changing concept in clinical practice. 50% of our speakers are clinical scientists who are involved in writing guidelines for respiratory diseases.

At this year's meeting we have partnered with the *GulfThoracic* Congress, the American Thoracic Society, and the University of Sharjah to put together a comprehensive clinical and basic science program that will meet the expectations of audiences from different disciplines and give them the opportunity to interact with faculty members. We are looking forward to interactive sessions and scientific dialogues that will be stimulating to our audience and also constructive and sustainable collaborations between our institute and institutes in the Gulf region.

My thanks go out to the President, Executive Director, Chair and Members of the Scientific Organizing Committees of the *GulfThoracic* Congress for hosting our meeting this year. I would also like to thank the American Thoracic Society staff including the President for collaborating with us to make this meeting a success. I extended my appreciation to the University of Sharjah for the support to our meeting.

I am looking forward to a successful and productive meeting in this beautiful Dubai setting in the United Arab Emirates.

With my best regards,



**Prof. Outayba Hamid, MD, PhD**

Chairman, The 20th Annual Meakins-Christie International Symposium on Asthma and COPD  
Professor of Medicine  
University of Sharjah  
Sharjah, UAE

# FACULTY MEMBERS

## PROGRAM CHAIRMAN



**Prof. Outayba Hamid, MD, PhD**  
Chairman, The 20th Annual Meakins-Christie  
International Symposium on Asthma and COPD  
Professor of Medicine  
University of Sharjah  
Sharjah, UAE

## MEMBERS



**Jamila Chakir, MD, PhD**  
Full Professor, Department of Medicine,  
IUCPO,  
Faculty of Medicine, Laval University,  
Meakins-Christie Laboratories  
McGill University, Canada  
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**Maziar Divangahi, PhD**  
Associate Professor of Medicine  
Associate Member, Department  
Microbiology & Immunology  
Associate Member, Department Pathology  
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**Prof. Abdelilah Soussi Gounni**  
Professor, Department of Immunology,  
Max Rady College of Medicine,  
Rady Faculty Health Sciences,  
University of Manitoba,  
Winnipeg, MB, Canada  
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**Rifat Hamoudi, PhD, C.Eng, C.Sci**  
Associate Professor,  
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College of Medicine, University of Sharjah  
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**Prof. Sabah Hussain, MD, PhD**  
Professor, Department of Medicine,  
Division of Experimental Medicine,  
Faculty of Medicine, McGill University  
Senior Scientist, RI-MUHC, Glen Site  
Translational Research in Respiratory  
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**Prof. Monica Kraft, MD**  
Robert and Irene Flinn Professor of Medicine  
Chair, Department of Medicine, College of  
Medicine, Tucson  
Deputy Director, Asthma and Airway Disease  
Research Center  
University of Arizona Health Sciences  
Banner University Medical Center  
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**Prof. Martin Kolb, MD, PhD**  
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Respiratory Medicine  
Departments of Medicine and Pathology/  
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Firestone Institute for Respiratory Health  
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Editor-in-Chief, European Respiratory  
Journal



**Prof. Larry C. Lands, MD, PhD**  
Professor of Pediatrics, McGill University  
Director, Pediatric Respiratory Medicine,  
McGill University Health Centre  
Québec, Canada



**Prof. James G Martin, MD, PhD**  
Chair, Department of Medicine, McGill  
University  
Harry Webster Thorp Professor of  
Medicine  
Associate Member, Department of  
Physiology, McGill University  
Physician-in-Chief, McGill University  
Health Centre  
Montreal, Canada

# FACULTY MEMBERS



**Prof. Parameswaran Nair MD, PhD, FRCP, FRCPC**  
Frederick E. Hargreave Teva Innovation Chair in Airway Diseases,  
Professor of Medicine, McMaster University,  
Staff Respiriologist, St Joseph's Healthcare,  
Hamilton, Ontario, Canada



**Mohamed Rahmani, MD, PhD**  
Associate Professor, College of Medicine,  
University of Sharjah  
Sharjah, UAE



**Prof. Ronald Olivenstein, MD**  
Associate Professor, Department of  
Medicine  
Associate Leader, RESP Program, RI-MUHC  
Director, Acute Care, Montreal Chest  
Institute  
Division of Respiratory Medicine  
McGill University Health Centre, Montreal  
Québec, Canada



**Meri K Tulic, Bsc (Hons), MD, PhD**  
INSERM Tenured Senior Researcher,  
1st Class (CR1), Université Nice Sophia  
Antipolis  
Nice, France



**Prof. William S Powell**  
Professor, Department of Medicine, McGill  
University  
Associate Director, Meakins-Christie  
Laboratories  
Quebec, Canada



**Prof. Harissios Vliagoftis, MD**  
Professor, Division of Pulmonary Medicine  
GSK/CIHR Chair in Airway Inflammation  
Department of Medicine  
University of Alberta  
Edmonton, Canada

**WE GRATEFULLY ACKNOWLEDGE  
THE GENEROUS SUPPORT OF:**



**Gulf Thoracic**  
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# SCIENTIFIC PROGRAM

THURSDAY, 15 MARCH 2018 | AL AMWAJ HALL

14:00 - 14:05

## Introduction

Prof. Qutayba Hamid - UAE

14:05 - 14:35

## Harnessing the Power of Stem Cells in Vaccine

Maziar Divangahi - Canada

14:40 - 15:05

## Airway Adaptation to Inhaled Chlorine; Macrophages to the Rescue

James Martin - Canada

15:10 - 15:35

## Eosinophils in COPD: A Complex Relationship

Parameswaran Nair - Canada

15:40 - 16:05

## PlexinD1 Deficiency in Lung DC Mediates Exaggerated Airway Inflammation in Allergic Asthma

Abdel Soussi Gounni - Canada

16:10 - 16:30 COFFEE BREAK

16:30 - 16:55

## Blood Vessels in IPF - Innocent bystanders of Drivers of Progression?

Martin Kolb - Canada

17:00 - 17:25

## Artificial Intelligence in Mining BIG data for Asthma

Rifat Akram Hamoudi - UAE

17:30 - 17:55

## Selective Anti-Eosinophilic OXE Receptor Antagonists

William Powell - Canada

# SCIENTIFIC PROGRAM

FRIDAY, 16 MARCH 2018 | AL AMWAJ HALL

14:00 - 14:25

## **Novel Aspects of Mechanical Ventilation-Induced Diaphragm Dysfunction (VIDD)**

**Sabah Hussain** - Canada

14:30 - 14:55

## **Surfactant Protein A as an Innate Immune Modulator and Potential Therapeutic In Asthma**

**Monica Kraft** - USA

15:00 - 15:25

## **Role of Innate Immunity and Natural Killer (NK) Cells in Vitiligo**

**Meri Tulic** - France

15:30 - 15:55

## **Role of Exosomes on Airway Remodelling in Severe Asthma**

**Jamila Chakir** - Canada

16:00 - 16:20 **COFFEE BREAK**

16:20 - 16:45

## **Insulin, Growth factors and Epithelial Cells: Role in Inflammation**

**Harissios Vliagoftis** - Canada

16:50 - 17:15

## **Systematic Interrogation of PI3K Pathway in Cancer**

**Mohamed Rahmani** - UAE

17:20 - 17:45

## **Macrophage Differentiation and Response to Corticosteroids in Severe Asthma**

**Larry Lands** - Canada

## **CONTACT:**

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