



#betterbreathing2019

January 25 - 26 | Toronto Marriott Downtown Eaton Centre

**BREATHE**  
the lung association

# OTS/MEDICINE CONFERENCE GUIDE

# About Better Breathing

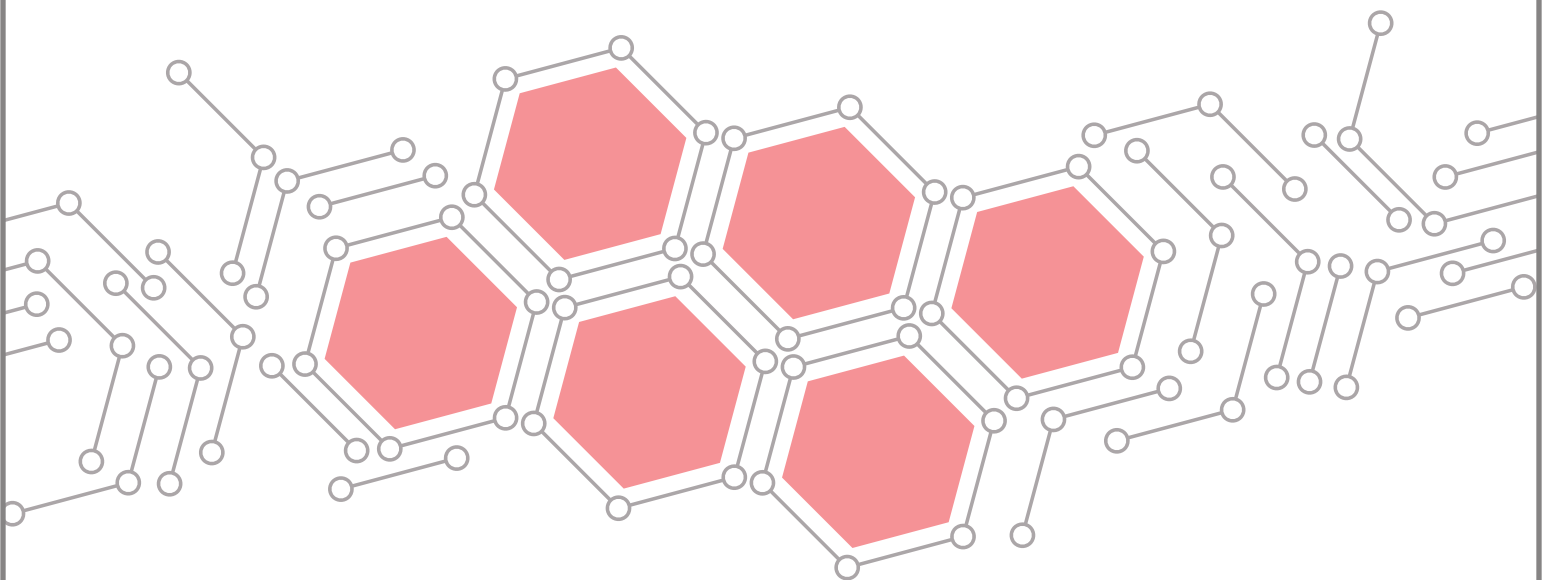
Take advantage of this unique opportunity to participate in a range of innovative sessions headed by leading medical professionals. Learn about new approaches to respiratory health, updates on critical research projects and relevant case studies. Over the course of the conference, you will gain exclusive access to more than 13 dynamic sessions, engage with experts and network with 300 of your peers in the respiratory field.

## Overall Conference Objectives

To update the practicing respirologists and respirology health-care professionals with state of the art knowledge of respiratory medicine in 2018.

At the end of this conference, participants will be able to identify current challenges, explain newer treatment options and analyze approaches to disease management in a variety of respiratory conditions including COPD, advanced pulmonary disease, pulmonary fibrosis and Hereditary Hemorrhagic Telangiectasia, smoking cessation, asthma and TB.

This session addresses the following CanMEDS competencies: Communicator, Collaborator, Health Advocate, Manager, Medical Expert, Professional and Scholar.



# CONFERENCE GUIDE

FRIDAY, JAN. 25

6:30AM REGISTRATION - **Grand Ballroom Foyer**

8:00AM **Welcome Address - Grand Ballroom**  
**John Martin** Board Chair of The Lung Association - Ontario

## PLENARY SESSIONS

**CHAIR: Sherri Katz** MDCM, FRCPC, MSc; Chair, OTS Better Breathing Planning Committee; Senior Scientist, Children's Hospital of Eastern Ontario (CHEO) Research Institute; Associate Professor, Medicine, University of Ottawa; Pediatric Respiriologist, Chief, Division of Respiratory Medicine and Director, Sleep Laboratory, CHEO, Ottawa

### *Learning Objectives:*

- At the end of these sessions, participants will be able to:
  1. Explain the interplay between genetic variations and environmental factors in the development of lung disease and identify approaches to treating genetic lung disorders.
  2. Identify the patient populations likely to benefit from mesenchymal stem cell therapy, the optimal timing of interventions and the merits of allogeneic or autologous MSC-based therapies

### *This Session Addresses the Following CanMEDs Competencies:*

- Communicator, Collaborator, Health Advocate, Manager, Medical Expert, Professional, Scholar

8:30AM **Genetic Determinants of Lung Disease - Grand Ballroom**  
**Gregory P. Downey** MD, FRCPC; Executive Vice President for Academic Affairs and Professor, Departments of Medicine, Pediatrics, and Biomedical Research, National Jewish Health, Denver, CO; Professor, Departments of Medicine and Immunology and Microbiology, Associate Dean, University of Colorado; Affiliate Scientist, Toronto General Hospital Research Institute (TGHRI), Toronto

9:15AM **Stem Cell-Based Therapies for Lung Diseases: The Time Has Come - Grand Ballroom**  
**Bernard Thébaud** MD, PhD; Senior Scientist, Regenerative Medicine Program, Ottawa Hospital Research Institute; Neonatologist, Department of Pediatrics, The Ottawa Hospital and the Children's Hospital of Eastern Ontario; Professor, Department of Pediatrics and Partnership Research Chair, Regenerative Medicine, University of Ottawa, Ottawa

10:00AM TAKE A BREATHER & EXHIBITS - **Grand Ballroom Foyer**

## MORNING SCIENTIFIC SESSIONS

**CO-CHAIRS: Eric Hentschel** MD, FRCPC; Chair, Ontario Thoracic Society (OTS); Respirologist, Clinical Practice, Kitchener  
**Dina Brooks** PhD, MSc, BScPT; Chair, Ontario Respiratory Care Society (ORCS); Professor, Vice-Dean & Executive Director, School of Rehabilitation Science, Hamilton

### *Learning Objectives:*

- At the end of these sessions, participants will be able to:
  1. Explain the approaches available in the management of dyspnea and analyze their applicability.
  2. Explain the various therapies available in treating lung volume reduction in COPD and analyze their applicability.
  3. Explain the various screening options available for lung cancer and analyze their applicability.

### *This Session Addresses the Following CanMEDs Competencies:*

- Communicator, Collaborator, Health Advocate, Manager, Medical Expert, Professional, Scholar

10:30AM **Management of Dyspnea/Advanced Pulmonary Disease - Grand Ballroom**  
**Rebecca Colman** MD, FRCPC; Clinical Associate, Toronto Lung Transplant Program and Palliative Care Physician, University Health Network, Toronto

11:00AM **Lung Volume Reduction in COPD Patients/Alternative Therapies in COPD - Grand Ballroom**  
**Kayvan Amjadi** MD, FRCPC; Director of Interventional Pulmonology, The Ottawa Hospital, University of Ottawa

11:30AM **Lung Cancer Screening in Ontario - Research, Pilot, Practice - Grand Ballroom**  
**Heidi Schmidt** MD, FRCPC; Interim Radiologist-in-Chief, Toronto Joint Department of Medical Imaging, University Health Network, Sinai Health System, Women's College Hospital; Professor of Radiology, University of Toronto; Radiology Quality Lead, High Risk Lung Cancer Screening, Cancer Care Ontario, Toronto

# FRIDAY, JAN. 25 (continued)

## CONCURRENT LUNCHES (CHOOSE 1 OF 4)

### 1 NETWORKING LUNCH AND EXHIBITS (no reservation required) - Trinity 1/2/3/4

### 2 LUNCH WITH A PROFESSOR | Key Papers from 2018: Highlights from the University of Toronto Respiriology and Sleep Journal Club (reservation required)

Lunch buffet - Bay followed by lecture and discussion - York A

*Learning Objectives:*

- At the end of this session, participants will be able to discuss new developments in respiratory medicine.

*This session addresses the following CanMEDs competencies:*

- Communicator, Medical Expert, Scholar

**Matthew Stanbrook** MD, PhD, FRCPC, FACP; Staff Respiriologist, Toronto Western Hospital, University Health Network; Associate Professor, Medicine/Institute of Health Policy, Management and Evaluation, University of Toronto; Deputy Editor, Canadian Medical Association Journal

### 3 LUNCH WITH A PROFESSOR | BBC Team Challenge (reservation required)

Lunch buffet - Bay followed by lecture and discussion - York B

*Learning Objectives:*

- At the end of this session, participants will be able to discuss new developments in respiratory medicine.

*This session addresses the following CanMEDs competencies:*

- Communicator, Medical Expert, Scholar

**Christopher Li** MD, FRCPC, DABSM; Respiriology and Sleep Medicine, St. Michael's Hospital, Toronto; Associate Professor and Program Director of Respiriology Training Program, University of Toronto, and

**Christopher M. Parker** MD, MSc, FRCPC, FCCP; Associate Professor, Medicine/Biomedical & Molecular Sciences, Respiratory & Critical Care Medicine and Program Director, Respiriology Training Program, Queen's University; Respiriologist, Kingston General Hospital, Kingston

### 4 LUNCH WITH A PROFESSOR | The André Pélouquin Clinical Case Series (reservation required)

Lunch buffet - Bay followed by lecture and discussion - Trinity 5

**CHAIR: Raymond Gottschalk** MBChB, FRCPC; Medical Director and Quality Advisor, The Sleep Disorders Clinic, Hamilton

*Learning Objectives:*

- At the end of this session, participants will be able to discuss new developments in respiratory medicine.

*This session addresses the following CanMEDs competencies:*

- Communicator, Medical Expert, Scholar

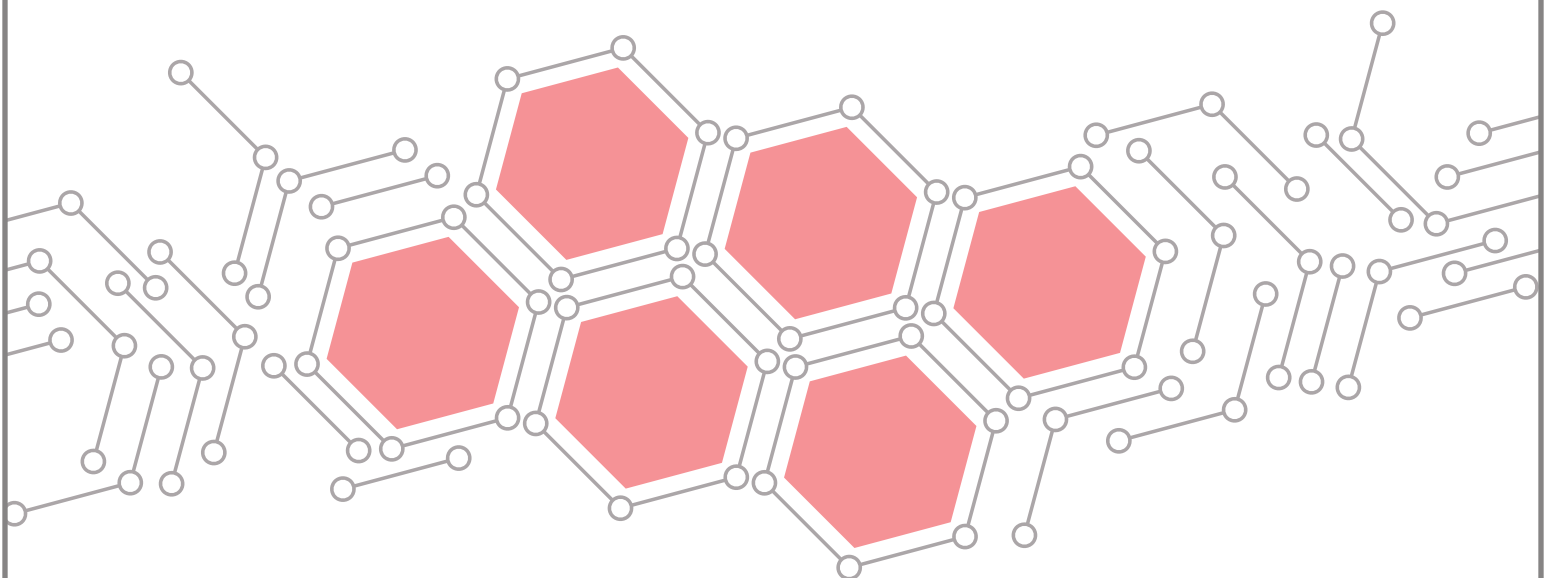
**COMMUNITY CASE PRESENTERS:**

**Anil Nagpal** MBChB, FRCPC, FCCP; Assistant professor (adjunct), McMaster University, Hamilton; Respiriologist, Pulmonary Services, Grand River Hospital and St. Mary's General Hospital, Kitchener-Waterloo

**Ruwan Amaratunga** MD, FRCPC, WSSD, ESRS; Expert Somnologist, Respiriology & Sleep Medicine, Montfort Hospital; Lecturer, Faculty of Medicine, University of Ottawa

**Tania Samanta** MD, FRCPC; Pediatric Respiriologist, North York General Hospital, St. Joseph's Health Centre and Humber River Hospital, Toronto

12:00PM



# FRIDAY, JAN. 25

(continued)

## CONCURRENT SESSIONS (CHOOSE 1 OF 2)

### 1 ADULT MEDICINE - Grand CD

**CHAIR: Sherri Katz** MDCM, FRCPC, MSc; Chair, OTS Better Breathing Planning Committee; Senior Scientist, Children's Hospital of Eastern Ontario (CHEO) Research Institute; Associate Professor, Medicine, University of Ottawa; Pediatric Respirologist, Chief, Division of Respiratory Medicine and Director, Sleep Laboratory, CHEO, Ottawa

*Learning Objectives:*

- At the end of this session, participants will be able to:
  1. Explain novel therapeutic targets in the treatment of pulmonary fibrosis & analyze their applicability.
  2. Explain diagnostic and treatment options available for Hereditary Hemorrhagic Telangiectasia.

*This session addresses the following CanMEDs competencies:*

- Communicator, Collaborator, Health Advocate, Manager, Medical Expert, Professional and Scholar

#### a) Pulmonary Fibrosis: Novel Therapeutic Targets

**Gregory P. Downey** MD, FRCPC; Pediatric Respirologist and Asthma Program Director, Children's Hospital of Eastern Ontario (CHEO); Assistant Professor, Department of Pediatrics, University of Ottawa

#### b) Hereditary Hemorrhagic Telangiectasia (HHT)

**Marie Faughnan** MD, MSc; Staff Physician, Division of Respiratory Medicine, Hospital for Sick Children; Senior Associate Scientist, Translational Medicine, SickKids Research Institute; Associate Professor, Department of Pediatrics, University of Toronto

1:45PM

### 2 PEDIATRIC MEDICINE - Bay

**CHAIR: Theo Moraes** MD, PhD, FRCPC; Scientist-Track Investigator, Physiology & Experimental Medicine, SickKids Research Institute; Staff Respirologist, Respiratory Medicine, The Hospital for Sick Children; Associate Professor, Department of Paediatrics, University of Toronto

*Learning Objectives:*

- At the end of this session, participants will be able to:
  1. Analyze the new Pediatric Asthma Action Plan, particularly with relation to issues where pediatric practice diverges from adult practice.
  2. Identify recent developments in pediatric sleep medicine and their application to patient management.

*This session addresses the following CanMEDs competencies:*

- Medical Expert, Scholar, Professional, Health Advocate, Collaborator, Communicator

#### a) A New Pediatric Asthma Action Plan

**Dhenuka Radhakrishnan** MD, MSc, FRCPC; Pediatric Respirologist and Asthma Program Director, Children's Hospital of Eastern Ontario (CHEO); Assistant Professor, Department of Pediatrics, University of Ottawa

#### b) Update in Pediatric Sleep Medicine

**Indra Narang** MBBCh, MD, FRCPC; Staff Physician, Division of Respiratory Medicine, Hospital for Sick Children; Senior Associate Scientist, Translational Medicine, SickKids Research Institute; Associate Professor, Department of Pediatrics, University of Toronto

2:40PM OTS AWARD PRESENTATIONS - Grand CD

2:45PM TAKE A BREATH & EXHIBITS - Grand Ballroom Foyer

### RESIDENT CASE PRESENTATIONS - Grand CD

**CHAIR: Rebecca Amer** MD, FRCPC; Assistant Professor of General Internal Medicine and Assistant Professor & Program Director of Respiriology, Department of Medicine, McMaster University, Hamilton

Judges are invited from The André Pélouquin Clinical Case Series

*Learning Objectives:*

- At the end of this session, participants will be able to identify and evaluate difficult clinical diagnoses based on presentations of cases by Respiratory Residents from the major Ontario academic centers.

*This session addresses the following CanMEDs competencies:*

- Communicator, Medical Expert, Scholar

**CASE PRESENTERS:**

Dr. Anurag Bhalla (McMaster University), Dr. Nicholas Romatowski (University of Western Ontario), Dr. Lucy Perrem (Hospital for Sick Children), Dr. Jason Rajchgot (University of Toronto), Dr. Andrew Baird (University of Ottawa), Dr. Brent Guy (Queen's University)

3:15PM

## GENERAL MEETINGS

4:45PM ONTARIO THORACIC SOCIETY (OTS) AGM - Grand CD  
**CHAIR:** Eric Hentschel, MD, FRCPC

5:15PM ONTARIO MEDICAL ASSOCIATION (OMA) AGM - Grand CD  
**CHAIR:** Neil Maharaj, MD, FRCPC

6:00PM END OF DAY ONE

# SATURDAY, JAN. 26

7:00AM REGISTRATION - Grand Ballroom Foyer

## DEBATES

**CHAIR: Shawn Aaron** MD, MSc, FRCPC; Professor and Respiriologist, Division of Respirology, University of Ottawa; Senior Scientist, Clinical Epidemiology Program, Ottawa Research Institute

**Learning Objectives:**

- At the end of this session, participants will be able to:
  1. Analyze the evidence in support of or against the use of vaping as a smoking cessation tool.
  2. Evaluate where cryobiopsy may be useful for the diagnosis of ILD and explain recent research in cryobiopsy
  3. Evaluate the benefits and drawbacks of chronic macrolide use in treating severe refractory asthma.

**This Session Addresses the Following CanMEDs Competencies:**

- Communicator, Medical Expert, Scholar

### Vaping / E-Cigarettes Should Be Used for Smoking Cessation - Grand Ballroom

8:30AM

**PRO: Marcel Tunks** MD, FRCPC; Associate Professor of Respirology, Medicine, McMaster University; Medical Director, Pulmonary Function Laboratory, St. Joseph's Healthcare, Hamilton

**CON: Cory Yamashita** MD, FRCPC; Associate Professor of Medicine, Respirology, St. Joseph's Health Care London (teaching hospital), Schulich School of Medicine & Dentistry, Western University; Principal Investigator, Lawson Health Research Institute, St. Joseph's Health Care London/ London Health Sciences Centre

## RESEARCH TALK

**Learning Objectives:**

- At the end of this session, participants will be able to explain the need for new tuberculosis vaccine strategies and how they are being developed.

**This session addresses the following CanMEDs competencies:**

- Communicator, Medical Expert, Scholar

9:15AM

### New TB Vaccine Strategies: From Bench to Human Studies - Grand Ballroom

**Zhou Xing** MD, PhD; Professor, Immunology Research Centre & Department of Pathology and Molecular Medicine, McMaster University

9:55AM

### OTS AWARD PRESENTATIONS - Grand CD

10:00AM

### TAKE A BREATHER & EXHIBITS - Grand Ballroom Foyer

## DEBATES (CONTINUED)

10:30AM

### Cryobiopsy is Useful in The Diagnosis Of ILD - Grand CD

**PRO: Onofre Moran** MD, MSc, PhD, FRCPC; Director of Interstitial Lung Diseases Program and Associate Professor, Respirology and Sleep Medicine, Queen's University, Kingston

**CON: Shane Shapera** MD, FRCPC; Assistant Professor, University of Toronto; Interstitial Lung Disease Program Director, Toronto General Hospital, University Health Network

11:15AM

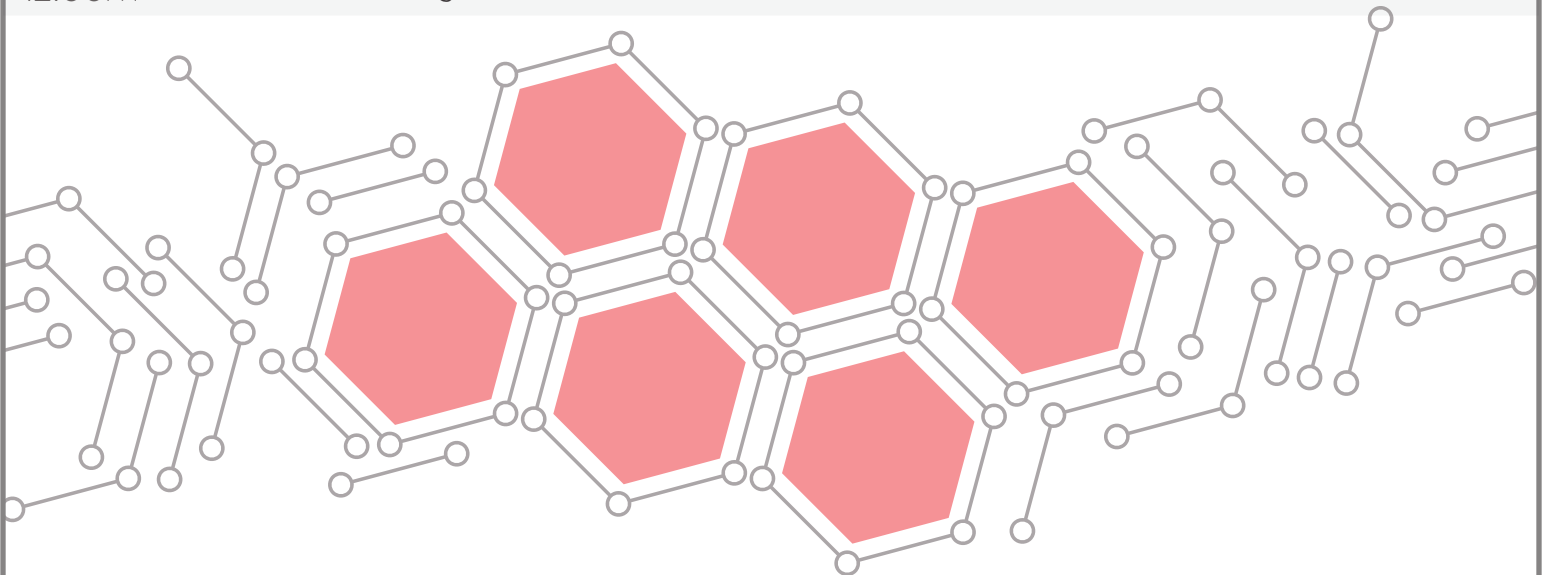
### Chronic Macrolide Use Should Be Standard of Care in Severe Refractory Asthma - Grand CD

**PRO: Helen Neighbour** MB, PhD, MRCP (UK); Associate Professor, Clinical Immunology & Allergy, Respirology and Internal Medicine, McMaster University; Attending Physician, St. Joseph's Healthcare, Hamilton

**CON: Samir Gupta** MD, MSc; Clinician-scientist, Li Ka Shing Knowledge Institute, St. Michael's Hospital; Assistant Professor, Medicine, University of Toronto; Staff Respirologist, Respirology, St. Michael's Hospital, Toronto

12:00PM

End of Better Breathing 2019



# ONTARIO THORACIC SOCIETY

## BETTER BREATHING 2019 PLANNING COMMITTEE

### Chair

Sherri Katz, MDCM, FRCPC, MSc

### Members

Eric Hentschel, MD, FRCPC

Anju Anand, MD, FRCPC

Jane Batt, MD, PhD, FRCPC

George Chandy, MD, MSc, FRCPC

Inderdeep Dhaliwal, MD, FRCPC, MSc (HQ)

Raymond Gottschalk, MB ChB, FRCPC

John Granton, MD, FRCPC

Nathan Hambly, MD, FRCPC

Michael Keim, RRT, MA

Onofre Morán, MD, MSc, PhD, FRCPC

Alberto Neder, MD, PhD, DSc, FRCPC

Mitra Niroumand, MD, FRCPC, D. ABSM

Christopher M. Parker, MD, MSc, FRCPC, FCCP

Mithu Sen, MD, FRCPC, FCCP, FCCM, FAASM, D.ABS

Marcel Tunks, MD, FRCPC

### The Lung Association - Ontario Staff

Hedy Ginzberg, MDCM, FRCPC, PhD  
*OTS Medical Director*

Natalie Bennett, BSc  
*OTS Coordinator*



B R E A T H E  
the lung association



[betterbreathing.ca](http://betterbreathing.ca)