



McGill University Division of Respiratory Medicine



29th Annual Dr. Dorothy Wiselberg Seminar Sleep-Disordered Breathing

JUNE 6, 2016 (8:00 AM – 5:00 PM)

McGill University Health Centre, GLEN Site
1001 Decarie Blvd Montreal QC H4A 3J1
RI Auditorium E-S1.1129

General goals:

- Understand the physiologic mechanisms and genetic basis of sleep-disordered breathing (SDB).
- Learn how SDB can impact individuals across the lifespan with multi-system effects
- Become familiar with conventional and novel treatment approaches of SDB and their impact on clinical outcomes

Participants will gain new insights into:

- Pathophysiology and predisposing genetic factors for developing SDB and its consequences
- Potential mechanisms linking SDB to adverse cardiovascular, metabolic and neurobehavioural clinical outcomes and cancer development
- How SDB and its treatment can impact clinical outcomes in pediatric, pregnant and other adult populations and patients with specific comorbidities
- Potential role of novel therapeutic strategies to personalizing treatment

Anticipated practice outcomes:

- Improve awareness of SDB in a gamut of populations and its range of clinical impacts
- Target individuals at high risk for adverse outcomes for treatment and expand use of alternative treatment modalities



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7:45	REGISTRATION & COFFEE
8:15	WELCOME AND INTRODUCTION
Physiology and Mechanisms of Sleep-Disordered Breathing	
8:20	Physiology and Neural Control of Upper Airway Richard Horner, University of Toronto
9:05	Intermittent Hypoxia and Metabolic Effects Vsevolod Polotsky, John Hopkins University School of Medicine
9:50	BREAK
Clinical Consequences of Sleep-Disordered Breathing	
10:05	WISELBERG LECTURE OSA and Cardiovascular Disease Susan Redline, Harvard Medical School
10:55	Sleep-disordered Breathing in Congestive Heart Failure John Kimoff, McGill University
11:25	Sleep-disordered Breathing in Pregnancy Sushmita Pamidi, McGill University
11:55	LUNCH
Sleep-Disordered Breathing in Special Populations	
13:00	OSA and Cancer Ramon Farré, University of Barcelona
13:45	OSA and CNS Disorders Marta Kaminska, McGill University
14:15	Update on OSA in Children Evelyn Constantin, McGill University
14:45	BREAK
Genetics of Sleep-Disordered Breathing	
15:00	Genetics of OSA Susan Redline, Harvard Medical School
Beyond Positive Pressure: Alternative Treatment Options for Obstructive Sleep Apnea	
15:35	Novel Treatment Approaches for OSA Frédéric Sériès, Laval University
16:15	Mandibular Advancement Devices for OSA Nelly Huynh, University of Montreal
16:45	CONCLUDING REMARKS

Seminar is free but registration is required

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