

3rd Annual Montreal Oscillometry Summer Seminar

Oscillometry Unit, Centre for Innovative Medicine, and the Meakins-Christie Labs, MUHC-RI
Drs. Sylvia & Richard Cruess Amphitheatre ES1-1129, July 25-26, 2019

Thursday July 25, 2019

9:00 h Ron Dandurand, McGill University, Canada

Welcome to the seminar

9:20 h Charlie Irvin, University of Vermont, U.S.A.

A view thru the retrospectroscope: Oscillatory lung mechanics

9:40 h Julian Allen, University of Pennsylvania, U.S.A.

Oscillometry: a musical analogy, and some dissonance

10:00 h Steve Milne, University of Sydney, Australia

Hello! Bonjour! Can clinicians and physiologists learn to speak a common oscillometry language?

10:20 n Coffee

10:40 h Rachel Eddy, University of Western Ontario, Canada

MRI ventilation heterogeneity and oscillometry: where do we go next?

11:00 h Geoff Maksym, Dalhousie University, Canada

Oscillometry and SPECT in chronic lung allograft dysfunction

11:20 h Peter Savadjiev, McGill University, Canada

Mean curvature of isophotes: A novel quantitative CT metric with improved discrimination between early COPD and healthy subjects

11:40 h Raul San Jose Estepar, Harvard Medical School, U.S.A.

CT quantification of emphysema progression mechanisms

Lunch 12:00 - 13:00 h

13:00 h Zoltan Hantos, Semmelweis University, Hungary

Extracting intra-breath mechanics data from conventional oscillometry recordings: potential and limits



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13:20 h Arash Rav, McGill University, Canada

Oscillometry to assess respiratory function in adult cystic fibrosis

13:40 h Chung-Wai Chow, University of Toronto, Canada

Monitoring of lung function post-lung transplant: An early indicator of acute rejection?

14:00 h Joyce Wu, University of Toronto, Canada

Development of QA/QC standards for oscillometry in a multi-centre study

14:20 h Coffee

14:40 h Larry Lands, McGill University, Canada

Comparison of 5 oscillometry devices using active mechanical test loads

15:00 h Marie-Pier Dumas, McGill University, Canada

A comparison of 4 oscillometry devices in pediatric asthma, bronchopulmonary dysplasia and healthy children

15:20 h Queenie Huang, University of Toronto

Addition of oscillometry to spirometry can help differentiate mixed obstructive-restrictive defects from pure obstructive defects

15:40 h Ron Dandurand, McGill University, Canada

To FEV₁ or not...a re-evaluation of spirometry in the age of oscillometry

16:00 h Day 1 Wrap Up

Supper 18:00 h

Grumman '78, 630 rue de Courcelle, Montréal, QC H4C 3C5



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Friday July 26, 2019

9:00 h Sylvia Verbanck, Vrije Universiteit, Belgium

Convective flow distribution in the human lung: could MBW get some clues from FOT via modeling?

9:20 h Jason Bates, University of Vermont, U.S.A.

A model-based method for interpreting multi-breath nitrogen washout data

9:40 h Ynuk Bosse, Laval University, Canada

Increased reactance during a prolong contraction: Airway closure or a true increase in airway smooth muscle elastance?

10:00 h Ron Dandurand, McGill University, Canada

The positive and negative predictive values of an oscillometry upper limit of normal within CanCOLD

10:20 h Coffee

10:40 h Ron Dandurand & Zoltan Hantos, McGill & Semmelweis Universities

A clinician's & physiologist's approach to the interpretation of the oscillogram

11:00 h Nadia Stachowicz, Vyaire Medical, Albany, U.S.A.

Clinical case presentation

11:20 h Stewart Gottfreid, McGill University, Canada

Clinical case presentation

11:40 Ron Dandurand, McGill University, Canada

Clinical case presentation

12:00 h Day 2 Wrap Up and Lunch

AstraZeneca 

 **Boehringer
Ingelheim**



 **NOVARTIS**

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TEVA

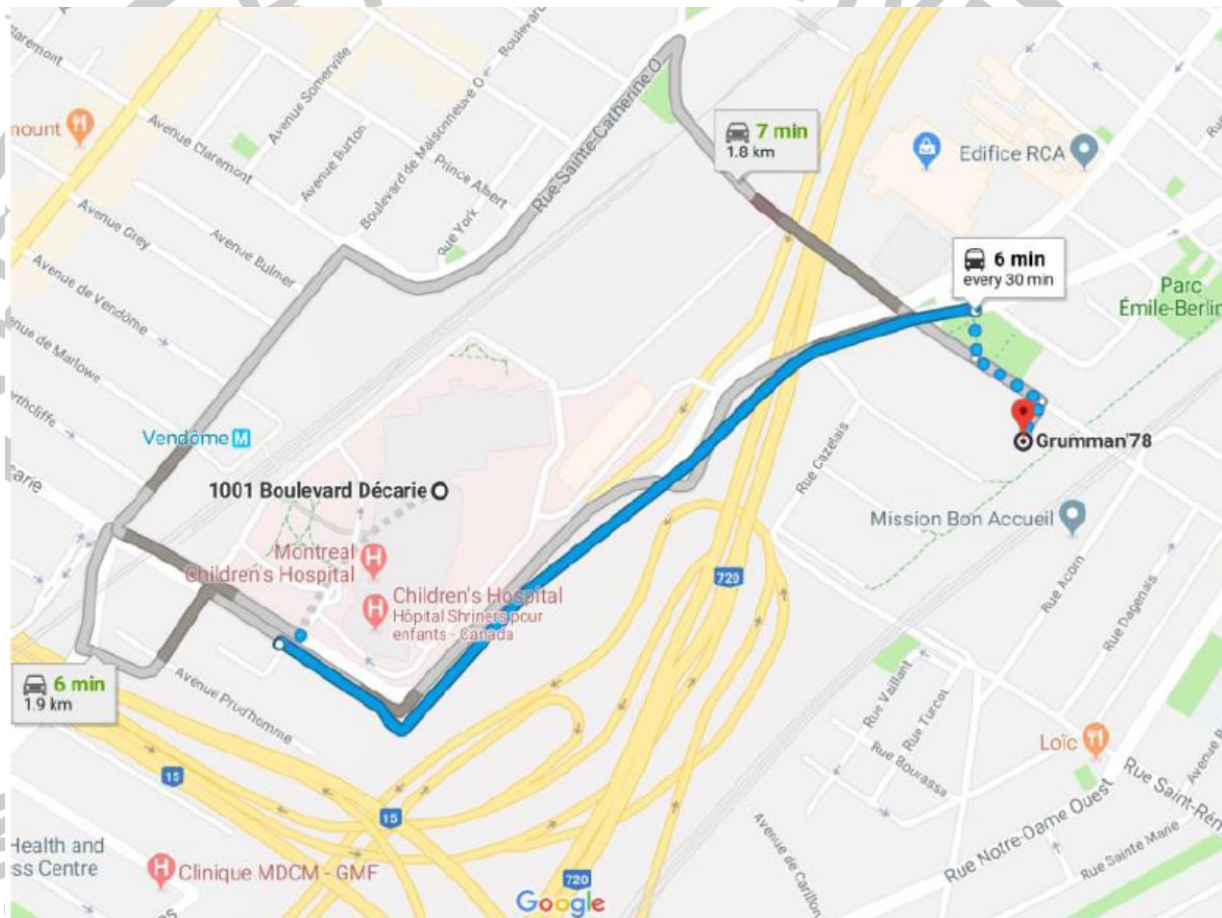
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Attendees

No.	Name	Surname	Affiliation	No.	Name	Surname	Affiliation
1	Julian	Allen	U Pennsylvania	31	Jean-Pierre	Lavoie	U of Montreal
2	Christie	Annett	AZ	32	Lennart	Lundblad	Thorasys
3	Jason	Bates	U Vermont	33	Geoff	Maksym	Dalhousie
4	Yvan	Beaudoin	Thorasys	34	Joe	McDonough	U Pennsylvania
5	Jean-Christophe	Berube	AZ	35	Steve	Milne	U of Sydney
6	Ynuk	Bosse	Laval	36	Frank	Niro	McGill
7	David	Brunet	SCIREQ	37	Jennifer	O'Connell	AZ
8	Marue-Lou	Chauvin	BI	38	Ron	Olivenstein	McGill
9	Florencia	Chicatum	Thorasys	39	Marylene	Ouelette	BI
10	Chung-Wai	Chow	U of Toronto	40	Grace	Parraga	U Western Ontario
11	Valerie	Coats	GSK	41	David	Prefontaine	Novartis
12	Yves	Croisetiere	BI	42	Gabriella	Querejeta	Harvard
13	Esther	Dajczman	BI	43	Arash	Rav	McGill
14	Ron	Dandurand	McGill	44	Renaud	Robert	Novartis
15	Emily	de Haas	U of Toronto	45	Annette	Robichaud	SCIREQ
16	Gabrielle	Despres-Tremblay	Novartis	46	Bryan	Ross	McGill
17	Guy	Drapeau	Thorasys	47	Jannik	Ruwisch	Hannover
18	MP	Dumas	McGill	48	Peter	Savadjev	McGill
19	Rachel	Eddy	U Western Ontario	49	Thomas	Schuessler	Thorasys
20	Raul	Estepar	Havard	50	Harris	Sheikh	U of Toronto
21	Cathy	Fugere	McGill	51	Ben	Smith	McGill
22	Alain	Gendron	AZ	52	Nadia	Stachowicz	Vyaire
23	Stewart	Gottfried	McGill	53	Charles	St-Pierre	AZ
24	Oleg	Grudin	SpiroTech Medical	54	Sophie	Mainguy-Seers	U of Montreal
25	Zoli	Hantos	Semmelweis U	55	Anas	Tahir	Dalhousie
26	Queenie	Huang	U of Toronto	56	Anastasiia	Vasileva	U of Toronto
27	Charlie	Irvin	U Vermont	57	Jacques-Olivier	Veilleux	GSK
28	David	Kaminsky	U Vermont	58	Sylvia	Verbank	U Brussels
29	Larry	Lands	McGill	59	Joyce	Wu	U of Toronto
30	Sylvian	Lanouette	Teva	60	Raza	Zaheer	GSK

