

9th Annual Montreal Oscillometry Summer Seminar

Oscillometry Unit, Centre for Innovative Medicine, and the Meakins-Christie Labs, MUHC-RI
McIntyre Medical Building, 3655 Promenade Sir-William-Osler, Montreal, Room 330

July 17-18, 2025

Thursday July 17, 2025

Moderator: Ron Dandurand, McGill University, Canada

9:00 h Ron Dandurand, McGill University, Canada

Welcome to the Seminar & Interpreting respiratory oscillometry in adults with asthma or COPD

9:20 h Chung-Wai Chow, University of Toronto, Canada

Towards a pragmatic approach for interpretation of oscillometry: a primer for MDs

9:40 h Erol Gaillard, University of Leicester, U.K. - **Virtual**

Oscillometry to assess ventilation heterogeneity during hospital admission for acute cardiorespiratory illness

10:00 h Stephanie Alexandre, AstraZeneca, Canada

Oscillometry for COPD: a respiratory therapist's point of view

10:20 h Coffee

Moderator: Larry Lands, McGill University, Canada

10:40 h Larry Lands, McGill University, Canada

Oscillometry in children with cystic fibrosis and normal spirometry

11:00 h Javier Palestina, Instituto Nacional de Enfermedades Respiratorias, Mexico - **Virtual**

The price of living precariously: incipient small airway dysfunction in infants from brickyards

11:20 h Yvonne Ho, University of Colorado, U.S.A. - **Virtual**

How sensitive are ERS/ATS criteria for bronchodilator reversibility in detecting asthma in pediatric patients?

11:40 h Samer Bou Jawde, Boston University, U.S.A. - **Virtual**

Lung volume and respiratory mechanics: Non-invasive estimation during mechanical ventilation

Lunch 12:00 - 13:00 h



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Moderator: Charlie Irvin, University of Vermont, U.S.A.

13:00 h Jason Bates, University of Vermont, U.S.A.

Interpreting impedance - what are the options?

13:20 h Murphy Binnie & Joyce Wu, University of Toronto, Canada

A tale of two oscillometers

13:40 h Dan Genkin, Toronto Metropolitan University, Canada

Predicting baseline lung allograft dysfunction using quantitative CT and oscillometry

14:00 h Seyed Nabavi, McGill University, Canada

A machine learning-based approach for predicting pulmonary function testing parameters using spectral oscillometry

14:20 h Coffee

Moderator: Chung-Wai Chow, University of Toronto, Canada

14:40 h Robert Dube, McGill University, Canada

Oscillometry as a tool to monitor disease progression in ILD

15:00 h Dan Nguyen, McGill University, Canada

Assessment of optimal inhaler therapy strategies in the management of AECOPD using oscillometry

15:20 h Ivan Cherrez-Ojeda, Espiritu Santo University, Ecuador - Virtual

The potential role of oscillometry in the evaluation of post-viral cough

15:40 h Prakesh Vaheisvaran, University of Sydney, Australia - Virtual

Patterns of lung impairment following treatment of tuberculosis

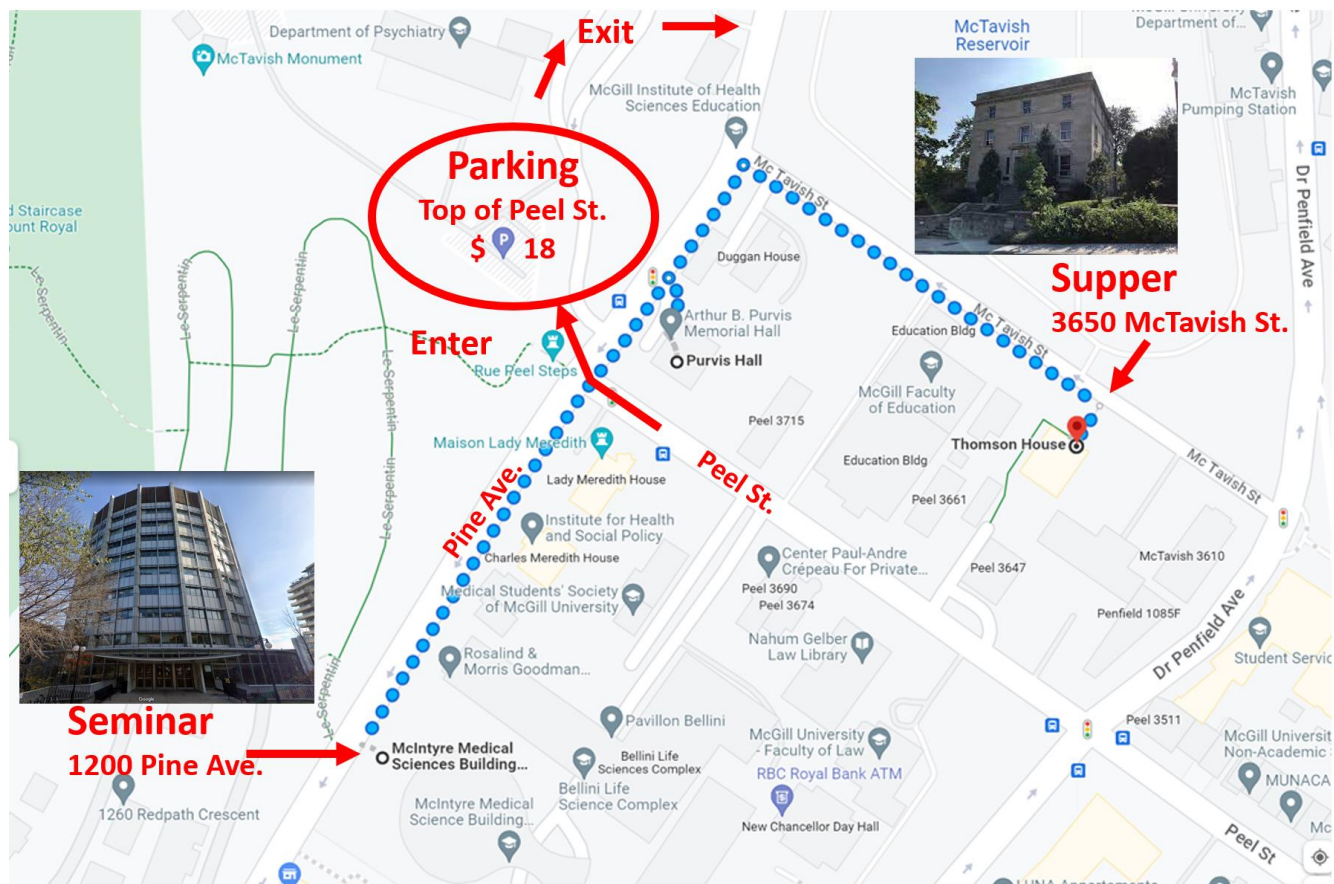
16:00 h Day 1 Catch up & wrap up

Networking Cocktail & Supper 17:00 h Thomson House, 3650 McTavish St.



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Funding for the Seminar is provided by:



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Friday July 18, 2025

Moderator: Geoff Maksym, Dalhousie University, Canada

9:00 h Ron Dandurand, McGill University, Canada

Welcome back to the Seminar

9:05 h Deesha Ghorpade, PURE Foundation, India - **Virtual**

Lung oscillometry parameters in post TB COPD patients

9:24 h Sundeep Salvi, PURE Foundation, India - **Virtual**

Interpreting lung oscillometry requires only cut-off values for adults: Arguing against predicted values

9:43 h Eric Garshick, Harvard School of Medicine, U.S.A.

Small airway dysfunction, respiratory symptoms, and asthma following environmental exposures

10:02 h Ramon Farre, University of Barcelona, Spain - **Virtual**

Principles of oscillometry

10:21 h Coffee

Moderator: David Kaminsky, University of Vermont, U.S.A.

10:40 h Zoltan Hantos, Szeged University, Hungary - **Virtual**

Modelling mean and intra-breath impedance spectra

11:00 h Rory Chan, University of Dundee, U.K. - **Virtual**

Predicting exacerbation risk using oscillometry, spirometry and type 2 biomarkers

11:20 h Dev Patel, McGill University, Canada

Diagnostic potential of spectral oscillometry vs spirometry in asthma

11:40 h Olivia Gater, University of Western Ontario, Canada

Does Oscillometry differentiate patients with severe asthma in clinical remission?

12:00 h Day 2 Wrap Up

Lunch 12:00 - 13:00 h



Attendees

No.	Name	In-Person Surname	Affiliation	No.	Name	Virtual Surname	Affiliation
1	Tina	Agdham	Université de Montréal	82	Faezeh	Abbaspour	University of California San Francisco
2	Stephanie	Alexandre	AstraZenca	83	Khalid	Abd-Elaziz	Groningen University
3	James	Anglehart	Spiro Tech Inc.	84	Deepak	Agrawal	Indian Institute of Technology
4	Deborah	Assayag	McGill University	85	Julian	Allen	Pennsylvania
5	Hana	Badawi	McGill University	86	Niranjana	Ananda Setty	Sir Charles Gairdner Osborne Park Health Care Group
6	Jason	Bates	University of Vermont	87	Fares	Assouche	AstraZenca
7	Phillip	Belanger	RespiArt	88	Sam	Bayat	Université de Grenoble
8	Mohamed	Belhadj	Université de Montréal	89	Murray	Beaton	Novus Medical
9	Jean-Christophe	Berube	AstraZenca	90	Samruddhi	Bhalare	PURE Foundation
10	Claudia	Bilodeau	Boehringer-Ingelheim	91	Bindi	Brook	University of Nottingham
11	Murphy	Binnie	University of Toronto	92	Rory	Chan	University of Dundee
12	David	Brunet	SCIREQ	93	Emilie	Chan-Thim	McGill University
13	Dylan	Casey	University of Vermont	94	Sujata	Chauthmal	PURE Foundation
14	Massimo	Catena	McGill University	95	Ivan	Cherrez-Ojeda	Espiritu Santo University
15	Alyssa	Channev	GSK	96	Li Ping	Chung	Fiona Stanley Hospital
16	Chung-Wai	Chow	University of Toronto	97	Frans	de Jongh	Medisch Spectrum Twente
17	Juliano	Colapelle	McGill University	98	Tammy	del Valle	University of Miami
18	Glen	Crater	Innospera	99	Suvakash	Dey	Indian Institute of Technology
19	Esther	Dajczman	Private Citizen	100	Rachel	Eddy	University of British Columbia
20	Ron	Dandurand	McGill University	101	Rosaura	Esperanza Benitez Perez	Instituto Nacional de Enfermedades Respiratorias
21	Noemie	D'Auteuil	Thorasy	102	Ramon	Farre	University of Barcelona
22	Nicole	De Marco	Covis Pharma	103	Melissa	Fisk	Best Care Lung Health
23	Nermin	Diab	McGill University	104	Karine	Gagnon	Université de Sherbrooke
24	Patrick	Donohue	University of Rochester	105	Erol	Gaillard	University of Leicester
25	Robert	Dube	McGill University	106	Gail	Gauvreau	McMaster University
26	Eveline	Durom	Western University	107	Deesha	Ghorpade	PURE Foundation
27	Adel	El Boueiz	Harvard School of Medicine	108	Cassie	Gilchrist	University of British Columbia
28	Michelle	El-Koury	AstraZenca	109	Vladimir	Gostuski	Schiller Americas
29	Ryan	Fiter	Albert Einstein College of Medicine	110	Mimi	Guiracocha	American Lung Association
30	Eric	Garshick	Harvard School of Medicine	111	Sven	Gunter	Université Paris Cité
31	Olivia	Gater	Western University	112	Sam	Haghighat	Jaeger Medical
32	Dan	Genkin	University of Toronto	113	Zoltan	Hantos	University of Szeged
33	France	Gilbert	Novus Medical	114	Jill	Heins	American Lung Association
34	Isabella	Gouthro	University of Toronto	115	Paul	Hinz	Respiratory Science
35	Oleg	Grudin	Spiro Tech Inc.	116	Yvonne	Ho	University of Colorado
36	Cynthia	Hage	Sanofi	117	Tena	Hovestadt	Sensirion
37	Halyssa	Han	McGill University	118	Prince	James	Naruvu Hospitals
38	Christopher	Held	AstraZenca	119	Samer Bou	Jawde	Boston University
39	Mathieu	Huynh	Collège Jean-de-Brébeuf	120	William	Jones	Leynek Medical
40	Nesrine	Ibrahim	University of Melbourne	121	Alan	Kaplan	University of Toronto
41	Charlie	Irvine	University of Vermont	122	Tara	Ketch	Horizon Health Network
42	Armita	Kalani	McGill University	123	Andy	Keymolen	Vrije Universiteit Brussel
43	David	Kaminsky	University of Vermont	124	John	Kimoff	McGill University
44	David	Kasahara	Arrowhead Pharma	125	Nancy	Lang-Vaidya	Harvard School of Medicine
45	Gulraaj	Kaur	McGill University	126	Barbara	Loreto	Schiller Americas
46	Suura	Krishnan	McGill University	127	Jacques	Marinac	Cheisi
47	Anthony	Kuliver	McGill University	128	Ramon	Martorell	Schiller Americas
48	Stephanie	Kwong	GSK	129	Kusum	Mathews	Cheisi
49	Mohamed	Lala Bouali	Université Laval	130	Marie-Lyne	Millette	McGill University
50	Larry	Lands	McGill University	131	Hui Ying	Mun	Singapore General Hospital
51	Vincent	Lavoie	McGill University	132	Beno	Oppenheimer	New York University
52	Keith	Lebel	Morgan Scientific	133	John	Osterholzer	University of Michigan
53	Daniel	Lebovits	McGill University	134	Javier	Palestina	Instituto Nacional de Enfermedades Respiratorias
54	Mathilde	Leclère	Université de Montréal	135	Sara-Edith	Penny	RQESR
55	Mike	Lersritwimanmae	University of Toronto	136	Ashley	Petrolino	American Lung Association
56	Lennart	Lundblad	Thorasy	137	Sundeeep	Salvi	PURE Foundation
57	Geoff	Maksym	Dalhousie University	138	Nidhi	Sawant	Indian Institute of Technology
58	Paolo	Medina Iglesias	Université de Montréal	139	Paolo	Serra	University Hospital of Cagliari
59	Doreen	Miao	Thorasy	140	Hans-Jürgen	Smith	Private Citizen
60	Al	Moualla	RespiArt	141	Nadia	Stachowicz	Jaeger Medical
61	Tobias	Mraz	Ludwig Boltzmann Institute for Lung Health	142	Yolanda	Staples	University of Miami
62	Seyed	Nabavi	McGill University	143	Bela	Suki	Boston University
63	Dan	Nguyen	McGill University	144	Ruby	Swami	PURE Foundation
64	Aurora	Nzaramba	AstraZenca	145	Katrina	Tonga	University of Sydney
65	Amanda	O'Farrell	Université de Montréal	146	Dimitrios	Toumpanakis	National and Kapodistrian University of Athens
66	Dev	Patel	McGill University	147	Prakesh	Vaheisvaran	University of Sydney
67	Maé	Raymond	Thorasy	148	Kelly	Vandorou	National and Kapodistrian University of Athens
68	Bryan	Ross	McGill University	149	Yiyang	Wang	University of Nottingham
69	Elisa	Ruffini	Vanier College	150	Caroline	Webb	University of Sydney
70	Jonathan	Sadko	Methapharm				
71	Guadalupe	Santos	Thorasy				
72	Peter	Savadjiev	University of Vermont				
73	Wendy	Sinclair	Best Care Lung Health				
74	Yiting	Tang	McGill University				
75	Nathaly	Thiffault	Boehringer-Ingelheim				
76	Zlatitsa	Todorova	McGill University				
77	Michèle	Vincent	Attitude Santé				
78	Chong	Wan	University of Toronto				
79	Tessa	Whiteley	Thorasy				
80	Joyce	Wu	University of Toronto				
81	Esther	Zuo	Université de Montréal				



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