

# 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

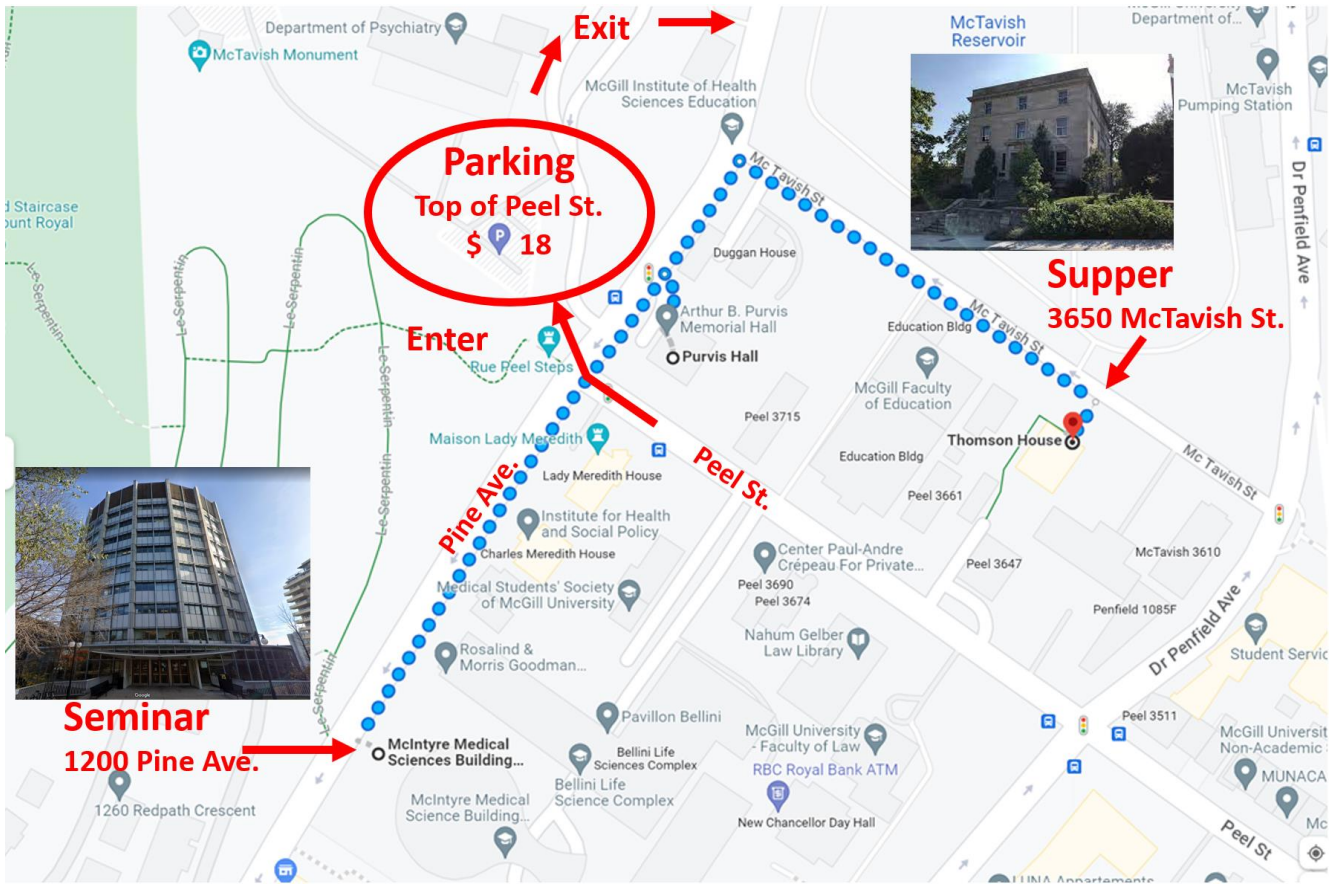
**16:00 h Day 1 Catch up & wrap up**

**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	80	Faezeh	Abbaspour	UCSF
2	Stephanie	Alexandre	AstraZenca	81	Khalid	Abd-Elaziz	Groningen University
3	James	Anglehart	Spiro Tech Inc.	82	Deepak	Agrawal	Indian Institute of Technology
4	Deborah	Assayag	McGill University	83	Julian	Allen	University of Pennsylvania
5	Hana	Badawi	McGill University	84	Niranjan	Ananda Setty	Sir Charles Gairdner Osborne Park Health Care Group
6	Jason	Bates	University of Vermont	85	Fares	Assouche	AstraZenca
7	Phillip	Belanger	RespiArt	86	Sam	Bayat	Université de Grenoble
8	Mohamed	Belhadj	Université de Montréal	87	Murray	Beaton	Novus Medical
9	Jean-Christop	Berube	AstraZenca	88	Samruddhi	Bhalare	PURE Foundation
10	Claudia	Bilodeau	Boehringer-Ingelheim	89	Bindi	Brook	University of Nottingham
11	Murphy	Binnie	University of Toronto	90	Rory	Chan	University of Dundee
12	David	Brunet	SCIREQ	91	Emilie	Chan-Thim	McGill University
13	Dylan	Casey	University of Vermont	92	Sujata	Chauthmal	PURE Foundation
14	Massimo	Catena	McGill University	93	Ivan	Cherrez-Ojeda	Espiritu Santo University
15	Alyssa	Channevy	GSK	94	Li Ping	Chung	Fiona Stanley Hospital
16	Chung-Wai	Chow	University of Toronto	95	Frans	de Jongh	Medisch Spectrum Twente
17	Juliano	Colapelle	McGill University	96	Suvakash	Dey	Indian Institute of Technology
18	Glen	Crater	Innospera	97	Rosaura	Esperanza Benitez Perez	Instituto Nacional de Enfermedades Respiratorias
19	Esther	Dajczman	Private Citizen	98	Ramon	Farre	University of Barcelona
20	Ron	Dandurand	McGill University	99	Melissa	Fisk	Best Care Lung Health
21	Noemie	D'Auteuil	Thorasys	100	Karine	Gagnon	Université de Sherbrooke
22	Nicole	De Marco	Covis Pharma	101	Erol	Gaillard	University of Leicester
23	Nermin	Diab	McGill University	102	Gail	Gauvreau	McMaster University
24	Patrick	Donohue	University of Rochester	103	Deesha	Ghorpade	PURE Foundation
25	Robert	Dube	McGill University	104	Mimi	Guiracocha	American Lung Association
26	Eveline	Durom	Western University	105	Sven	Gunther	Université Paris Cité
27	Adel	El Boueiz	Harvard School of Medicine	106	Zoltan	Hantos	University of Szeged
28	Michelle	El-Koury	AstraZenca	107	Jill	Heins	American Lung Association
29	Ryan	Fiter	Albert Einstein College of Medicine	108	Paul	Hinz	Respiratory Science
30	Eric	Garshick	Harvard School of Medicine	109	Yvonne	Ho	University of Colorado
31	Olivia	Gater	Western University	110	Tena	Hovestadt	Sensirion
32	Dan	Genkin	University of Toronto	111	Prince	James	Naruvi Hospitals
33	Isabella	Gouthro	University of Toronto	112	Samer Bou	Jawde	Boston University
34	Oleg	Grudin	Spiro Tech Inc.	113	Alan	Kaplan	University of Toronto
35	Cynthia	Hage	Sanofi	114	Tara	Ketch	Horizon Health Network
36	Halyssa	Han	McGill University	115	Andy	Keymolen	Vrije Universiteit Brussel
37	Christopher	Held	AstraZenca	116	John	Kimoff	McGill University
38	Neserine	Ibrahim	University of Melbourne	117	Nancy	Lang-Vaidya	Harvard School of Medicine
39	Charlie	Irvin	University of Vermont	118	Jacques	Marinac	Cheisi
40	Armita	Kalani	McGill University	119	Ramon	Martorell	Schiller
41	David	Kaminsky	University of Vermont	120	Kusum	Mathews	Cheisi
42	David	Kasahara	Arrowhead Pharma	121	Marie-Lyne	Millette	McGill University
43	Gulraaj	Kaur	McGill University	122	Hui Ying	Mun	Singapore General Hospital
44	Suura	Krishnan	McGill University	123	John	Osterholzer	University of Michigan
45	Anthony	Kuliver	McGill University	124	Javier	Palestina	Instituto Nacional de Enfermedades Respiratorias
46	Stephanie	Kwong	GSK	125	Sara-Edith	Penny	RQESR
47	Mohamed	Lala Bouali	Université Laval	126	Ashley	Petrolino	American Lung Association
48	Larry	Lands	McGill University	127	Sundeeep	Salvi	PURE Foundation
49	Vincent	Lavoie	McGill University	128	Nidhi	Sawant	Indian Institute of Technology
50	Keith	Lebel	Morgan Scientific	129	Paolo	Serra	University Hospital of Cagliari
51	Daniel	Lebovits	McGill University	130	Hans-Jurgen	Smith	Private Citizen
52	Mathilde	Leclère	Université de Montréal	131	Nadia	Stachowicz	Jaeger
53	Mike	Lersritwimanma	University of Toronto	132	Bela	Suki	Boston University
54	Lennart	Lundblad	Thorasys	133	Ruby	Swami	PURE Foundation
55	Geoff	Maksym	Dalhousie University	134	Katrina	Tonga	University of Sydney
56	Paolo	Medina Iglesias	Université de Montréal	135	Dimitrios	Toumpanakis	National and Kapodistrian University of Athens
57	Doreen	Miao	Thorasys	136	Prakesh	Vaheisvaran	University of Sydney
58	Al	Moualla	RespiArt	137	Kelly	Vandorou	National and Kapodistrian University of Athens
59	Tobias	Mraz	Ludwig Boltzmann Institute for Lung Health	138	Yiyang	Wang	University of Nottingham
60	Seyed	Nabavi	McGill University	139	Caroline	Webb	University of Sydney
61	Dan	Nguyen	McGill University				
62	Aurore	Nzaramba	AstraZenca				
63	Amanda	O'Farrell	Université de Montréal				
64	Dev	Patel	McGill University				
65	Maé	Raymond	Thorasys				
66	Bryan	Ross	McGill University				
67	Elisa	Ruffini	Vanier College				
68	Jonathan	Sadko	Methapharm				
69	Guadalupe	Santos	Thorasys				
70	Peter	Savadjiev	University of Vermont				
71	Wendy	Sinclair	Best Care Lung Health				
72	Yiting	Tang	McGill University				
73	Nathaly	Thiffault	Boehringer-Ingelheim				
74	Zlatitsa	Todorova	McGill University				
75	Michèle	Vincent	Attitude Santé				
76	Chong	Wan	University of Toronto				
77	Tessa	Whiteley	Thorasys				
78	Joyce	Wu	University of Toronto				
79	Esther	Zuo	Université de Montréal				



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