

10th 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 16-17, 2026

Thursday July 16, 2026

Moderator: Ron Dandurand, McGill University, Canada

8:30 h Ron Dandurand, McGill University, Canada

Welcome to the Seminar

8:35 h Rory Chan, University of Dundee, U.K. - **Virtual**

Key insights from the Oscillometry Asthma Registry

8:55 h Alexander Matheson, McMaster University, Canada

¹²⁹Xe MRI versus spirometry and oscillometry measurements of airway obstruction in severe asthma

9:15 h Rachel Aladeeb, McGill University, Canada

Exploring the relationship between inflammatory phenotype and response to systemic corticosteroids

9:35 h Milind Sovani, University of Derby, U.K. - **Virtual**

The role of oscillometry in COPD - current evidence and future direction

9:55 h Vincent Fan, University of Washington, U.S.A.

Large and small airway dysfunction in Veterans with environmental exposures

10:15 h Coffee

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

10:35 h Eric Garshick, Harvard School of Medicine, U.S.A.

Longitudinal study design assigning the respiratory health of Veterans with environmental exposures

10:55 h Jason Bates, University of Vermont, U.S.A.

The physiologic components of impedance

11:15 h Geoff Maksym, Dalhousie University, Canada

Mechanisms for inversion of respiratory system reactance

11:35 h Sam Bayat, Université Grenoble Alpes, France

Transfer admittance chest imaging using airborne ultrasound surface motion detection

Lunch 12:00 - 13:00 h



10th 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 16-17, 2026

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

13:00 h Chung-Wai Chow, University of Toronto, Canada

Evidence-based interpretation guidelines for oscillometry

13:20 h Sundeep Salvi, PURE Foundation, India

Diagnostic thresholds for oscillometry in Indian adults

13:40 h Deesha Ghorpade, PURE Foundation, India - Virtual

Diagnostic thresholds for oscillometry in Indian children

14:00 h Tina Aghdam, Université de Montréal, Canada

tremoFlo-specific reference equations for respiratory oscillometry in a Canadian adult population

14:20 h Dimitrios Toumpanakis, University of Athens, Greece - Virtual

Contribution of peripheral airways dysfunction to poor quality of life in sarcoidosis

Coffee 14:40 h

Moderator: Deborah Assayag, McGill University, Canada

15:00 h Lars Knudsen, Hannover Medical School, Germany

Using oscillometry to establish structure-function relationships in models of acute injury and fibrosis

15:20 h Glenn Crater, Innospera Pharma, Canada

Oscillometry in patients with obesity and metabolic syndrome

15:40 h Rafael E. de la Hoz, Mount Sinai School of Medicine, U.S.A.

Oscillometry in the evaluation of lower airway diseases in WTC occupational cohorts

16:00 h Joyce Wu, University of Toronto, Canada

Trajectory of oscillometry after lung transplant

16:20 h Charlie Irvin, University of Vermont, U.S.A.

Oscillometry in the temporal domain: LEAD four years later

16:40 h Day 1 Wrap Up

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





Funding for the Seminar is provided by:



10th 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 16-17, 2026

Friday July 17, 2026

Moderator: Larry Lands, McGill University, Canada

8:30 h Ron Dandurand, McGill University, Canada

Welcome back to the Seminar

8:35 h Zoltán Hantos, University of Szeged, Hungary

Functional phenotyping of pulmonary diseases based on intra-breath impedance vectors

8:55 h Matthew Wong University of Queensland, Australia - **Virtual**

Pre and post bronchodilator Z-vector responses amongst asthmatic children

9:15 h Sára Németh, University of Szeged, Hungary

Preservation of intra-breath impedance loop patterns in childhood: a cohort study

9:35 h Mohamed Belhadj, Université de Montréal, Canada

Oscillometry and multi-breath washout in pediatric cystic fibrosis

9:55 h Kate Hamlington Smith, University of Colorado, U.S.A.

Oscillometry as a complementary assessment of respiratory mechanics in pediatric dystrophinopathy

10:15 h Coffee

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

10:35 h Chiara Veneroni, Politecnico di Milano, Italy

Oscillometry applications in the neonatal intensive care unit

10:55 h Samer Bou Jawde, Boston University, U.S.A. - **Virtual**

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

11:15 h Bradford Smith, University of Colorado, U.S.A.

Oscillometry-based predictions of ventilator-induced lung injury pathogenesis

11:35 h Raffaele Dellacà, Politecnico di Milano, Italy

Oscillometry for lung function testing in unconventional settings; mechanical ventilation to the sky

Lunch 12:00 - 13:00 h



10th 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 16-17, 2026

Moderator: Bryan Ross, McGill University, Canada

13:00 h Hana Badawi, McGill University, Canada

Comparing the bronchodilator response in asthma using respiratory oscillometry and spirometry

13:20 h Alexandre Siou, McGill University, Canada

Inhaled therapy strategy optimization in the management of acute exacerbations of COPD: An observational study

13:40 h Seyed Nabavi, McGill University, Canada

Predicting acute exacerbations of COPD using wearable devices and handheld oscillometry (ePredictAECOPD)

14:00 h David Kaminsky, University of Vermont, U.S.A.

Prevalence and characteristics of individuals with and without dysanapsis: The American Lung Association Lung Health Cohort

14:20 h Seminar Wrap Up



Attendees

No.	Name	In-Person Surname	Affiliation	No.	Name	In-Person Surname	Affiliation
1	Wala	Aabolola	McGill U	65	Debbie	Lim	Takeda
2	Lisa	Adely	Methapharm	66	Lennart	Lundblad	Thorasys
3	Tina	Aghdam	U Montreal	67	Geoff	Maksym	Dalhousie U
4	Mohannad	Al Asiri	McGill U	68	Yacine	Marouf	U Toronto
5	Rachel	Aladeeb	McGill U	69	Alexander	Matheson	McMaster U
6	Stephanie	Alexandre	U Sherbrooke	70	Shirely	McHugh	Boehringer-Ingelheim
7	Janmes	Anglehart	SpiroTech Medical	71	Binnie	Murphy	U Toronto
8	Deborah	Assayag	McGill U	72	Marie-Claude	Mylette	Sanofi
9	Jonathan	Audet	Quebec Veterans Foundation	73	Seyed	Nabavi	McGill U
10	Hana	Badawi	McGill U	74	Sarah	Nassar	Thorasys
11	Elena	Barzanti	Politecnico di Milano U	75	Agnes	Nemeth	U Toronto
12	Jaon	Bates	U Vermont	76	Sara	Nemeth	U Szeged
13	Sam	Bayat	U Grenoble	77	Aurore	Nzaramba	AstraZeneca
14	Murray	Beaton	Novus Medical	78	Bernard	Ogbiti	Methapharm
15	Mohamed	Belhadj	U Montreal	79	Dan	Picard	Novus Medical
16	Yasmine	Benlismane	GlaxoSmithKline	80	Mae	Raymond	Thorasys
17	Shahnaz	Bhuiyan	McGill U	81	Bryan	Ross	McGill U
18	Claudia	Bilodeau	Boehringer-Ingelheim	82	Elisa	Ruffini	Santé Québec - West-Island
19	Jean	Bourbeau	McGill U	83	Johathan	Sadko	Methapharm
20	Jacqueline	Brown	McGill U	84	Sundee	Salvi	PURE Foundation
21	Gabriel	Carpentier	GlaxoSmithKline	85	Guadalupe	Santos	Thorasys
22	Dylan	Casey	U Vermont	86	Embraline	Schuilenburg	Thorasys
23	Prescilla	Catellier	Clinique des Spécialistes du Dix30	87	Wendy	Sinclair	Santé Québec - West-Island
24	Massimo	Catena	McGill U	88	Alexandre	Siou	McGill U
25	Alyssa	Chanvey	GlaxoSmithKline	89	Bradford	Smith	U Colorado
26	Chung-Wai	Chow	U Toronto	90	Miland	Sovani	U Derby
27	Thomas	Clinton	Thorasys	91	Zahara	Tajdar	U Toronto
28	Glenn	Crater	Innospera	92	Gabe	Tharp	U Vermont
29	Esther	Dajczman	Avalyn Pharma	93	Genevieve	Thisdale	AstraZeneca
30	Ron	Dandurand	McGill U	94	Charlotte	van Dongen	McGill U
31	Noemie	D'auteuil	Thorasys	95	Chiara	Veneroni	Politecnico di Milano
32	Rafael	de la Hoz	Mount Sinai	96	Dhruv	Vinay	McGill U
33	Jaime	Del Carpio	McGill U	97	Tessa	Whiteley	Thorasys
34	Raffaele	Dellaca	Politecnico di Milano	98	Joyce	Wu	U Toronto
35	Benedetta	Dr Renzo	Cheisi	99	Jason	Xing	McGill U
36	Michelle	El Kouri	AstraZeneca	100	Lindsay	Zubra	Education for Health Africa
37	Adel	El-Boueiz	Harvard School of Medicine	Virtual			
38	Natalia	Escobar	U Toronto	1	Samer	Bou Jawde	Boston U
39	Vincent	Fan	Harvard School of Medicine	2	Rory	Chan	U Dundee
40	Sean	Fletcher	McGill U	3	Emilie	Chan-Thim	McGill U
41	Anne	Fu	U Toronto	4	Ivan	Cherrez	U Especialidades Espíritu Santo
42	Eric	Garshick	Harvard School of Medicine	5	Juliano	Colapelle	McGill U
43	Janie	Garshick	Harvard School of Medicine	6	Rodolfo	de Paula Vieira	Evangelical U Goiás
44	Dan	Genkin	U Toronto	7	Patrick	Donohue	U Rochester
45	Emanuele	Ghilotti	Politecnico di Milano U	8	Graeham	Douglas	ARETE
46	Ioanna	Gianopoulos	Sanofi	9	My Linh	Duong	McMaster U
47	Danielle	Glick	U Maryland	10	Deesha	Ghorpade	PURE Foundation
48	Ilaria	Grimonte	Politecnico di Milano U	11	Diane	Gray	U Cape Town
49	Christian	Grossmann	Thorasys	12	Halyssa	Ho	McGill U
50	Oleg	Gruen	SpiroTech Medical	13	Neserine	Ibrahim	U Melbourne
51	Kate	Hamlington Smitt	U Colorado	14	David	Kaminsky	U Vermont
52	Zoltan	Hantos	U Szeged	15	Alan	Kaplan	U Toronto
53	Ave	Hodaie	McGill U	16	Monica	Kraft	Mount Sinai
54	Joe	Ibarra	Vitalograph	17	Dimas	Mates-Corral	Dalhousie U
55	Charlie	Irvin	U Vermont	18	Jann	Mortensen	U Copenhagen
56	David	Kasahara	Arrowhead Pharma	19	Lindsey	Moser	Arrowhead Pharma
57	Lars	Knudsen	Hanover Medical School	20	Nandhitha	Ragunayakam	McMaster U
58	Andrew	Kouri	U Toronto	21	Sophie-Anne	Roy	Santé Québec - West-Island
59	Vera	Krymskaya	U Penn	22	Paolo	Serra	U Cagliari
60	Stephanie	Kwong	Methapharm	23	Zlati	Todorova	McGill U
61	Larry	Lands	McGill U	24	Dimitris	Toumpankis	U Athens
62	Anne-Marie	Lauzon	McGill U	25	Aggie	Turlo	U Manchester
63	Danielle	Lebovits	McGill U	26	Matthew	Wong	U Queensland
64	Peter	Lef	McGill U				



MEAKINS
CHRISTIE

