

Lunch 11:00-11:30

Macleod AB Foyer

CTS Research Forum

Macleod B

11:30-11:36 **Welcome** **Dr. Richard Leigh**

11:30-13:00 **WHAT'S NEW for 2026** **Moderator: Dr. Andréanne Côté**

	Presenter	Presentation title
11:30-11:45	Gillian Goobie	<i>Epigenetic mediation of PM2.5 impacts in fibrotic interstitial lung disease</i>
11:45-12:00	Makenna Gomes	<i>Lung Health Study</i>
12:00-12:15	Manali Mukherjee	<i>#MechanismsMatter : Re-thinking biomarkers and biologic choices in 2026</i>
12:15-12:30	Simon Rousseau	<i>Unsupervised Horizons: Multiomic Discovery in Respiratory Research in 2026</i>
12:30-12:45	Christina Thornton	<i>Beyond Particulates: Pyroaerobiology and the Microbial Dimension of Wildfire Smoke</i>
12:45-13:00	Bryan Yipp	<i>Neuroimmune regulation of lung inflammation and fibrosis</i>

13:00-15:00 **SCIENCE SPOKEN SUCCINCTLY** **Moderator: Dr. Mathieu Morrisette**

Judges: Mohit Bhutani, Genevieve Digby, Ward Flemons, Larry Lands, Manali Mukherjee, Sachin Pendharkar, Teresa To

	Presenter	Presentation title
<i>Basic Science</i>		
13:00-13:08	Sujata Basu	<i>Sex-Dependent Differences in Albuterol-Mediated Bronchodilation in a Murine Model of Allergic Asthma</i>
13:08-13:16	Sydney Joy	<i>Bone Marrow-Derived Macrophages Resolves Established Fibrosis in a Murine Model of Interstitial Lung Disease</i>
13:16-13:24	Ariel MacKenzie	<i>Modeling the Human Lung Microbiome on a Lung-on-a-Chip to Investigate Microbiome-Macrophage Dynamics in Bronchiectasis</i>
13:24-13:32	Sriyani Ranatunga	<i>Early Life Cigarette Smoke Exposure Programs Susceptibility to Acute Cigarette Smoke-Induced Lung Dysfunction and inflammation</i>
13:32-13:40	Félix Tremblay	<i>Skin Sensitization to Flavor Chemicals Impacts the Immune Response and Lung Functions of Mice Exposed to Flavored Vaping Aerosols</i>

Clinical/Translational Science

13:40-13:48	Eveline Durom	<i>Automated Detection of Airway Mucus in Obstructive Lung Disease</i>
13:48-13:56	Morgane Gronnier	<i>Meta-analysis of exhaled nitric oxide (FeNO) for asthma diagnosis in adults and children</i>
13:56-14:04	Colin MacKenzie	<i>Rapid and Clinically-Actionable Airway Microbiome Analysis to Guide Personalized Microbiome Modulation Therapy in Critical Illness</i>
14:04-14:12	Anusha Mappanasingam	<i>CT-evaluated Pulmonary Vascular Differences in Moderate-to-severe Asthma are Modifiable</i>
14:12-14:20	Logesh Selvakumar	<i>Association Between Right-to-Left Shunt Grade and Stroke Prevalence in Hereditary Hemorrhagic Telangiectasia: A Database Study</i>
Quality Improvement		
14:20-14:28	Stacey Butler	<i>Choosing Green: Development of Conversation Aids for Climate Conscious Prescribing of Inhalers in Asthma and COPD</i>
14:28-14:36	Zoe Garzouzi	<i>Reduce, Recycle, Reimagine: The Analysis of a Novel Inhaler Recycling Program</i>
14:36-14:44	Kaamraan Islam	<i>What is Being Sold to Canadians to Help them Quit Smoking? A Quantitative & Qualitative Analysis of Smoking Cessation Products in Online Stores</i>
14:44-14:52	Neha Mathur	<i>Impact of a Comprehensive Multidisciplinary Transitional Care Program on Hospital Readmissions and Emergency Visits in Patients with Chronic Obstructive Pulmonary Disease</i>
14:52-15:00	Jeenat Mehareen	<i>Twenty-year Trends in Excess Costs of Asthma</i>

**Awards to be presented prior to the Distinguished Lecture Award Friday morning, 9:00am*

15:00-16:00	BLUE SKY Panel Discussion	Moderator: Dr. Kerri Johansson
	Panel Members	
	Shawn Aaron	<i>Professor, University of Ottawa; Senior Scientist, Ottawa Hospital Research Institute</i>
	Pat Camp	<i>Associate Professor, University of British Columbia</i>
	Martin Kolb	<i>Professor, McMaster University</i>
	Richard Leigh	<i>Professor, Cumming School of Medicine</i>
	Mena Soliman	<i>Senior Global Medical Director, Regeneron</i>
	Sanja Stanojevic	<i>Associate Professor, Dalhousie University</i>
	Don Sin	<i>Professor, University of British Columbia</i>
	Christina Thornton	<i>Assistant Professor, University of Calgary</i>
	CTS Networking Reception	Macleod AB Foyer
16:00-16:30	Reception	
	CTS Beaver Den COMPETITION	Macleod B
16:30-16:40	Welcome & Introductions	Moderator: Dr. Margaret Kelly
	Beavers: Andréanne Côté, Chen Fong, Jeremy Hirota, Parameswaran Nair, Erik Orava, Brian Rowe	
	Pitches	Title
16:40-16:57	Jean-François Haince	<i>Accessible Early Lung Cancer Detection: A Home-Based AI-Enhanced Blood Test for Remote and At-Risk Populations.</i>
16:57-17:14	David Hodgson	<i>Hollo VHC: A Pocket Sized Valved Holding Chamber to Improve Inhaler Drug Delivery</i>
17:14-17:31	Alex Chee, Joanna MacLean	<i>Leveraging machine-learning to automate facial analysis and personalized therapies for sleep apnea</i>
17:31-17:48	Elmira Safaie Qamsari	<i>Targeting Cancer-Like Endothelial Cell Growth in Pulmonary Arterial Hypertension Using CAR-NK Cell Immunotherapy</i>
17:48-17:58	<i>Audience Q&A and Beaver deliberation</i>	
17:58-18:00	<i>Beaver Den Innovation Award presentation</i>	
18:00-18:05	Closing	Dr. Richard Leigh