

2020 CANADIAN VASCULAR & LIPID SUMMIT

Joint symposia of Canadian Lipoprotein Conference and the
Canadian Society for Atherosclerosis, Thrombosis and Vascular Biology

VIRTUAL MEETING

Thursday, October 15th - Friday, October 16th, 2020

Conference Chairs: Catherine Martel and Robert (Scott) Kiss

Time is in EDT (Montreal)

2020 LECTURESHIPS AND AWARDS

- 1- **CLC Amgen Stewart Whitman Young Investigator Award Lecture: Dr. Erin Mulvihill**, Director, Energy Substrate Metabolism Research Laboratory, University of Ottawa Heart Institute; Assistant Professor, Department of Biochemistry, Microbiology and Immunology, University of Ottawa, Canada
 - 2- **Simon Pierre Noel Lecture: Dr. Vincent Poitout**, Scientific Director, CR-CHUM; Canada Research Chair in Diabetes and Pancreatic β -cell Function; Professor, Department of Medicine, Université of Montreal, Montreal, Canada
 - 3- **Clinical Scientist Lecture: Dr. Sophie Bernard**, Director, Genetic Dyslipidemias Clinic, IRCM; Associate Professor, Department of Medicine, Université of Montreal, Endocrinologist, CHUM, Montreal, Canada
 - 4- **Rubinstein Lecture: Dr. Karin Bornfeldt**, Professor, Department of Medicine, Division of Metabolism, Endocrinology and Nutrition, University of Washington, Seattle, WA, USA
 - 5- **CIHR-ICRH Distinguished Lecturer/CSATVB Scientific Excellence Award in Blood and Blood Vessel Sciences: Dr. Philip Wells**, Professor, Chair and Chief, Department of Medicine, The University of Ottawa, Faculty of Medicine and The Ottawa Hospital Senior Scientist, Ottawa Hospital Research Institute, Canada
 - 6- **2020 CLC Amgen Stewart Whitman Young Investigator Award**
 - 7- **2020 Yves Marcel Established Investigator Award**
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THURSDAY, OCTOBER 15, 2020

CSATVB Business meeting

10.00am – 12.00pm

Trainee Workshop (CSATVB, CLC & CIHR/ICRH)

12.00pm – 3.00pm (20 min. presentation + 10 min. questions)

- 12.00pm – 12.30pm** How to find a suitable postdoctoral position?
Erin Mulvill, Assistant Professor, U of Ottawa Heart Institute
- 12.30pm – 1.00pm** From a faculty position to industry
Nic Bousette, Medical Science Liaison, Merck
- 1.00pm – 1.30pm** Do I have what it takes to have my own start-up?
Steve Poirier, CEO, MONOGENIC Pharmaceuticals
- 1.30pm – 2.00pm** How to become independent: starting your own lab without competing with your former PI?
Mireille Ouimet, Assistant Professor, U of Ottawa Heart Institute
- 2.00pm – 2.30pm** I am a PhD doing clinical studies: a translational story
Benoit Arsenault, Assistant Professor, U Laval
- 2.30pm – 3.00pm** How to optimise your CV to go in industry while completing your PhD or PDF
Andreea Milasan, Medical Science Liaison, Novartis

Moderated short talk session (individual links)

3.00pm – 5.00pm

(5 min. live presentation + 5 min. for questions)

Session I: Inflammation in the blood vessel wall

5.00pm – 7.30pm

- 5.00pm – 5.50pm** **2020 CLC Rubenstein Lecture**
Karin Bornfeldt, University of Washington, Seattle, USA
Apolipoprotein C3 and mechanisms of cardiovascular complications of type 1 diabetes
- 5.50pm – 6.10pm** **Sumayyah Sokeechand**, PhD candidate at McMaster University
IL-15Ra deficiency reduces atherosclerotic plaque development in apoE^{-/-} mice
- 6.10pm – 6.40pm** **Warren Lee**, University of Toronto, St. Michael's, Ontario, Canada
LDL transcytosis and the initiation of atherosclerosis - a role for nuclear HMGB1
- 6.40pm – 7.00pm** **Adil Rasheed**, Postdoctoral Fellow at the Ottawa Heart Institute
Loss of the mixed lineage kinase domain-like protein decreases necrotic core but increases macrophage lipid accumulation in atherosclerosis
- 7.00pm – 7.30pm** **Goo Taeg Oh** (KoSLA), Ewha Womans University, Seoul, Korea
Atheroprotective roles of myeloid cells in the pathogenesis of atherosclerosis

CSATVB Annual General Meeting meeting (all welcome)

10.00am – 11.00am

CLC Business meeting

11.00am – 12.00pm

Session II: CSATVB Presidents Symposium

12.00pm – 13.00pm

12.00pm – 12.10pm **CIHR-ICRH Distinguished Lecturer/CSATVB Scientific Excellence Award in Blood and Blood Vessel Sciences** – Presentation by Dr. Brian Rowe, ICRH Scientific Director

12.10pm – 13.00pm **Philip Wells**, Ottawa Hospital Research Institute, Ontario, Canada
Is there an association between venous and arterial thrombosis?

Session III: Genetic Dyslipidemias in Canada

1.00pm – 3.30pm

1.00pm – 1.30pm **Jacques Genest**, Faculty of Medicine, McGill University, Montreal, Quebec, Canada
Lipid Genetics 2020 Vision: Genetic Testing for Lipoprotein disorders in Canada

1.30pm – 1.50pm **Danielle Alvares**, PhD candidate at University of Toronto
Role of bile acids in hepatic lipid metabolism: characterization of the fasting lipid and lipoprotein profile of Tgr5^{-/-} hamsters

1.50pm – 2.10pm **Mark Trinder**, MD/PhD candidate at UBC
Genetic and pharmacological inhibition of cholesteryl ester transfer protein preserves high-density lipoprotein cholesterol levels during sepsis and improves survival.

2.40pm – 3.00pm **Vatsal Sachan**, PhD candidate at IRCM
The proprotein convertase PC7 regulates hepatic apolipoprotein B levels and triglyceride metabolism

3.00pm – 3.30pm **2020 Clinician Scientist Award**
Sophie Bernard, IRCM, Montreal, Canada
Spectrum of chylomicronemia from familial to oligogenic and polygenic multifactorial syndromes

Session IV: Diabetes & Lipid metabolism

4.00pm – 7.30pm

4.00pm – 4.30pm **Simon Pierre Noel Lecture**
Vincent Poirier, CR-CHUM, Montreal, Quebec, Canada
Fatty-acid receptors and pancreatic islet function

4.30pm – 4.50pm **Shaza Asif**, MSc candidate at U of Ottawa Heart Institute
Investigating the metabolic benefits of intermittent fasting-induced ketogenesis in a non-alcoholic fatty liver disease mouse model

4.50pm – 5.10pm **Jihong Lian**, Postdoctoral Fellow at the University of Alberta
Arylacetamide deacetylase (AADAC), a new player in hepatic lipid homeostasis

5.10pm – 5.40pm	Pedro Geraldès , U Sherbrooke, Quebec, Canada <i>New treatment strategies to prevent peripheral arterial disease in diabetes</i>
5.40pm – 6.00pm	Raquel Lunardi Baccetto , PhD candidate at the University of Saskatchewan <i>The role of NRF1 and NRF2 against fatty liver disease</i>
6.00pm – 6.20pm	Mateusz M. Tomczyk , PhD candidate at the University of Manitoba <i>SIRT3 attenuates doxorubicin induced cardiotoxicity by regulating the mitochondrial acetylome and cardiac lipidome</i>
6.20pm – 6.40pm	Clément Mercier , Postdoctoral Fellow at the Université de Sherbrooke <i>Deletion of SHP-1 in smooth muscle cells prevented diabetes-impaired collateral vessel formation in ischemic muscle</i>
6.40pm – 7.00pm	2019 CLC Amgen Stewart Whitman Young Investigator Award Lecture Erin Mulvihill , U of Ottawa Heart Institute, Ontario, Canada <i>Dissecting the action of Dipeptidyl-Peptidase 4 in Hepatic and Intestinal Lipid Metabolism</i>
7.00pm – 7.30pm	Vascular & Lipid Summit Award Presentations Students/PDFs Short Presentation Awards Students/PDFs Presentation Awards 2020 CLC Amgen Stewart Whitman Young Investigator Award 2020 Yves Marcel Established Investigator Award