



2026 Canadian Lipid & Vascular Summit

Joint Symposia: Canadian Lipoprotein Conference & Canadian Society for Atherosclerosis, Thrombosis & Vascular Biology

Thursday, September 24 - Sunday, September 27, 2026

University Club at the University of Alberta

11435 Saskatchewan Dr NW, Edmonton, AB T6G 2G9

All activities will take place in the University Club, 2nd Floor, Winspear Room, unless otherwise indicated

Maps: UClub to/from Hotels: Lister Centre, Campus Tower, Varscona, Metterra

Conference Chairs: Rene Jacobs and Spencer Proctor

Hosted By: The Group on Molecular and Cell Biology of Lipids & Department of Agricultural, Food & Nutritional Science

FINAL PROGRAM AGENDA

THURSDAY, SEPTEMBER 24th

Location: University Club, 2nd Floor, Winspear Room, unless otherwise indicated

11:00am-6:00pm	Arrival (Edmonton International Airport ~30-45 mins to UofA) Registration Desk - Upstairs 2nd floor (Trainees: Receive a free UofA t-shirt or hoodie)
12:00pm-1:00pm	Trainee Welcome Lunch (soup, sandwiches, dessert squares, coffee, tea) 2nd Floor, Winspear Room Trainee Introductions and Networking
12:45pm-1:00pm	Trainee Workshop 2nd Floor, Winspear Room Welcome Comments and Program Chairs: Aaron Getachew and Julie Jacquemyn

1:00pm-2:00pm	HQP Workshop Session A Industry Careers in Science (Zoom Panel and Discussion) Session Lead: Julie Jacquemyn Dr. Erin Lewis (Scientific Director Nutritional Sciences at KGK Science Inc.) Dr. Dany Salvail (Founder & CEO, IPS Thérapeutique) Dr. Jefferson Tea (Founder & CEO, Agilis Health)
2:15pm-2:30pm	Activity and Nutrition Break
2:30pm-3:15pm	HQP Workshop Session B Applications of AI in Biomedicine and related Sciences (Hybrid session) Session Lead: Aaron Getachew AI in Grant writing - Sara Harbord (Deputy Director - Program Design and Delivery; CIHR; Zoom) Applications of AI in Biomedicine and related Sciences - Nathan Plumb (Managing Director - Fabled Solutions; in-person)
3:15pm-3:30pm	Activity and Nutrition Break
3:30pm-4:30pm	HQP Workshop Session C Careers in Science Roundtable and Speed-networking Session Lead: Aaron Getachew and Julie Jacquemyn Dr. Desmond Pink (Chief Scientific Officer, Nanostics Precision medicine) Mr. Toon Verschoren and Dr. Nicholas Morehouse (Gilead Sciences) Dr. Floor Spaans (Research Partner, College of Health Sciences, U. of Alberta) Dr. Julie Jacquemyn (Postdoctoral Researcher, University of Alberta) Dr. Robin Clugston (Associate Professor, Physiology, University of Alberta)
4:30pm-6:30pm	Trainees-Continued Networking/Socializing (Free time)
4:00pm-5:30pm	Business Meeting -joint CLC & CSATVB University Club, 2nd Floor, Papaschase Room
5:30pm-6:45pm	Dinner Buffet <i>(UClub Prime Rib Roast Speciality, entrees, salads, dessert bar)</i>
6:45pm-7:00pm	Conference Opening Session Land Acknowledgment & Welcome remarks <i>Conference Chairs, Dr. Spencer Proctor & Dr. Rene Jacobs</i>
7:00pm-7:45pm	CLVS Session I: Chair: Dr. Katey Rayner CSATVB Jean Davignon Invited Lectureship (Dr. Richard Lehner)



Regulation of hepatic fat metabolism and secretion by carboxylesterases

7:45pm-9:30pm

Poster Session I: (1st Floor, Saskatchewan Room)
Evaluating Posters by Undergrads, MSc, PDF & Research Staff
[Posters Abstracts #22-40](#) (link)
Drink Tickets & Cash Bar

FRIDAY, SEPTEMBER 25th

Location: University Club, 2nd Floor, Winspear Room, unless otherwise indicated

8:00am-9:00am

Breakfast (breakfast sandwiches & fresh fruit)



9:00am-10:30am

CLVS Session II:

Chairs: Drs. Jonathan Windram and Puja Biswas

Theme: Women's Health & Women's Cardiovascular Risk Across the Lifespan

Invited Panelists: Dr's. Donna Vine, Angela Devlin and Stephanie Leoux

10:30am-10:45am

Activity and Nutrition Break



10:45am-11:30am

Chairs: Dr. Rene Jacobs and Raj Patel

2026 Simon Pierre Noël Lecture (Dr. Vern Dolinsky)

'Gestational diabetes and the Developmental Origins of Heart Disease: Implications for Treatment'

11:30am - 12:30pm

Chairs: Dr. Rene Jacobs and Jessica Twumasi Ankrah

Theme: Pregnancy and Development

Oral Session I: Trainee Talks (3 x 15mins) Oral Abstracts #1-3

#1 Khushali Trivedi (PhD Student), Bo Xiang, Sebastian Sarte, Ayesha Saleem & Vernon Dolinsky. Nicotinamide Riboside Supplementation Improves Hepatic Mitochondrial Function, Lipid Accumulation and Glucose Homeostasis During Pregnancy. 15 mins

#2 Si Ning Liu (PhD Student), Jad-Julian Rachid, Jennie Vu, Rohini Roy Roshmi, Ibrahim Khodabocus, Ben Magalnick, Danny Shimatu, Hélène Lemieux, Kimberly Macala, Stephane Bourque. Ferroptosis inhibition worsens survival of septic neonates in a rat model of neonatal sepsis. 15 mins

#3 Avery Noppers (MSc Student), Khodabocus I., Lo M., Liu S.N., Vu J., Roshmi R.R., Rachid J.J., Holody C., Noble R., Lemieux H., Bourque S.L. Regional differences in kidney mitochondrial response to sepsis in a murine model of peritonitis. 15 mins

12:30pm-1:30pm

Lunch Buffet & Posters (Vegetarian lasagna, salads, dessert squares)



1:30pm-3:00pm

CLVS Session III:

Chairs: Drs. Morgan Fullerton & Honora Labrana

Theme: Molecular Cholesterol Metabolism and Atherosclerosis
Oral Session II: Trainees Talks (5 x 15-20mins) [Oral Abstracts #4-8](#)

#4 [John P. Kennelly \(PDF\)](#), Xu Xiao, Yajing Gao, Peter Tontonoz. Cholesterol binding to VCAM-1 promotes vascular inflammation. **20mins**

#5 [Aminmohamed Manji \(PDF\)](#) Akshay Joseph Akash, Mihir Manerikar, Elena Guo, Changsen Wang, Warren Lee. Elucidating the role of endothelial AHNK as a protective regulator of atherosclerosis. **20mins**

#6 [Ali A. Abdalbari \(PhD Student\)](#), Cassandra A. Locatelli, Andrew C. Clément, Victoria Lorant, My-Anh Nguyen, Natasha Trzaskalski, Keegan Yang, Serena M. Pulente, Ilka Lorenzen-Schmidt, Katey J. Rayner, Mirelle Ouimet, Erin E. Mulvihill. DPP4 Links Metabolic Disease and Atherosclerosis: Regulation of the Inflammatory Plaque Microenvironment. **15mins**

#7 [Anthony Parent \(PhD student\)](#), Talin Ebrahimian, Nivine Srour, Jonathan O'Connor Miranda, Jaclyn Itzcovitch, Julie Boddaert, Maria Kotsioprifitis, Stephane Richard, Stephanie Lehoux. Genetic and pharmacological inhibition of PRMT5 attenuates macrophage-driven atherosclerosis. **15mins**

#8 [Nysa Vinayak \(MSc Student\)](#), HBSc, Dominique Boucher, PhD, Walaa Eid, PhD, Mireille Ouimet, PhD. Surgery Induced Neuroimmunometabolic Dysregulation And Modulation By ApoA1. **15mins**

3:00pm-3:30pm Activity and Nutrition Break and Conference Photo



3:30pm-4:30pm **Chair: Dr. Richard Lehner**

2026 Rubenstein (CLC) Lecture (Dr. Mahmood Hussain)

'Simultaneous reductions of LDL and Lp(a) without causing hepatic steatosis by microRNA-30c analog C2'. <https://medli.nyu.edu/faculty/mahmood-hussain>

4:30pm-6:30pm **Poster Session II:** (1st Flr, Saskatchewan Room)
 Evaluating Posters by PhD Students [Abstracts #41-58](#)
 Wine and Science (Platters, Drink Tickets & Cash Bar)

[Posters to be taken down 7pm- Thank you]

7:00pm-10:00pm Dinner on your own/free time ([Social Activities Recommendations-link](#))



SATURDAY, SEPTEMBER 26th

Location: University Club, Main Floor, Saskatchewan Room, unless otherwise indicated

- 7:30am-8:45am** Breakfast Buffet (yogurt parfait bar, scrambled eggs, hashbrowns, coffee, tea) 
- 8:45am-9:45am** **CLVS Session IV:**
Chair: Dr. Gordon Francis
Clinician Scientist Lectureship- Dr. Peter Senior, Director, Alberta Diabetes Institute, Dr. Charles A. Allard Chair in Diabetes Research, Professor, Division of Endocrinology & Metabolism, University of Alberta.
'Deconvoluting the Role of Hyperglycemia in Vascular Disease: Insights from Type 1 Diabetes'
- 9:45am-10:00am** Activity and Nutrition Break 
- 10:00am-11:45am** **Chairs: Drs. Erin Mulvihill and Tianyu Hang**
Theme: Diabetes and Metabolism
Oral Session III: Trainee Talks (6 x 15-20mins), [Oral Abstracts #9-14](#)
- #9 Shabnam Pourshojae (MSc Student), Marwan Bakr, Ahjin Chun, Cassandra A. A. Locatlli, Myriam P. Hoyeck, Jennifer E. Bruin, Chi-chung Hui, Erin E. Mulvihill, Kyoung-Han Kim.**
*Elucidating the role of *Irx1* and *Irx2* transcription factors in pancreatic alpha cell identity and function. 15mins*
- #10 Averi Chan (MSc Student), Robin Hou, Deborah Yun, Julien Wourms, Bryan Lum, Jessica Yue.** *NTS Glucagon Signaling Mechanisms in the regulation of Energy Metabolism in Type 2 Diabetic and Non-Diabetic Rats. 15mins*
- #11 Victoria Pruneau (MSc Student), Stéphanie Larrivée Vanier, Pedro Geraldles.** *A Promising Apelinergic Ligand for Smooth Muscle Cell Function in Diabetic Critical Limb Ischemia. 15mins*
- #12 Peter U. Amadi (PDF) Govind S. Gill, Suha J. Jarad, Benjamin Chong, Raj M. Patel, Sayem A. Ahmed, Jiabei Zheng, Moattar Latif, Hong-mei Gu, Robert F. Schwabe, Da-wei Zhang.** *Hepatic stellate cell, but not hepatocyte MMP14 restrains liver fibrogenesis through catalytic regulation of PDGFRβ. 20mins*
- #13 Uche Njoku (PhD Student) Amanda Quirk, Lei Li, and Scott Widenmaier.** *Increased hepatic SOAT1 promotes cholesterol crystals, MASH, and liver tumorigenesis. 15mins*
- #14 Jessica Twumasi Ankrah (PhD Student), Cyriel Huijter, Rachel Wilson, Xindi Zhao, Shuang Zhao, Liang Li, Alyssa Wu, Shun-Cheng Li, Rosemary Yu, Nica Borradaile.** *EEF1A1 deficiency reprograms cellular metabolism toward oxidative and amino acid use pathways through coordinated changes in metabolic flux and enzyme expression. 15mins*

12:00pm-1:15pm

Light Lunch (*Bagged lunch: sandwiches & fresh veggies*)



Lunch Session: CIHR-INMD Dr. Mary Jung, Scientific Director, Introductions & Q&A

1:15pm-3:00pm

Chairs: Drs. Zam Kassiri and John Kennelly

Theme: Intra- and Extra-Cellular Vascular Biology

Oral Session IV: Trainee Talks (7 x 15mins), [Oral Abstracts #15-21](#)

#15 [Abdul Hadi Khalid](#) (MSc Student), Andria Henry, Kushal Joshi, Changsen Wang, Nika Bandroomi Khiabani, Sofija Volkanovska, Jayden Nguyen-Do, Joshya Singh, Dae Kun Hwang, Scott S. H. Tsai, Warren L. Lee. Development of a novel live-cell assay for basal to apical transcytosis of Atypical Chemokine Receptor 1 (ACKR1) in endothelial cells.

#16 [Christopher Yuen](#) (PhD Student), Zoe White, Victoria Xiao, Angela M. Devlin, Pascal Bernatchez. Reversing diabetes-associated endothelial damage through angiotensin II blockade-dependent nitric oxide upregulation pleiotropy.

#17 [Noorossadat Seyyedi](#) (PhD Student), Chu Shiun Lo, Parnian Alavi, Manijeh Pashar, Nadia Jahroudi. The role of mutant p53R175H in de novo activation of von Willebrand factor expression in tumor cells.

#18 [Jonathan O'Connor](#) (PhD Student), Talin Ebrahimian, Maria Kotsioprifitis, Anthony Parent, Stephanie Lehoux. Mannose attenuates atherosclerosis through suppression of bone marrow granulopoiesis and neutrophil-driven inflammation.

#19 Roger Sarduy, Leidy M Valencia, Silas da Graca, Jonathan Garcia, Arletty Hernández, Victor Brito, Spencer D. Proctor, Ana M Vázquez, Sylvie Marleau, [Yosdel Soto](#) (PDF). Treatment with the anti-sulfated glycosaminoglycan antibody P3R99 promotes regression and attenuates inflammation in established atherosclerosis in mice.

#20 [Jiechun Zhu](#) (PhD Student), Yingxi Li, Francis Plane, Allan Murray, Richard Long, Olivier Julien, Paola Zagrino, Zamaneh Kassiri. Endothelial MMP14 is critical in regulating hypertension.

#21 [Ethan Easaw](#) (Research Staff), Eugene Batuyong, Yan Yuan, Cynthia Wu, Egiroh Omene. Relationship Between Venous Thromboembolism Timing and Overall Survival in Patients with Glioblastoma: a Population-Based Cohort Study.

3:00pm-4:00pm

Chair: Dr. Stephanie Lehoux

2026 In memorandum: The CSATVB Dr. Avrum Gottleib Lectureship – Dr. Scott Heximer

<https://lmp.utoronto.ca/news/remembering-dr-avrum-gotlieb-founding-chair-lmp>

4:00pm-7:00pm

Free Time ([Social Activities Recommendations-link](#))

Note: UClub Lower Bar closed 4pm-7pm it is not available for food & beverage service.

7:00pm

Pre-dinner drinks, University Club, 2nd Floor, Winspear Room



7:30pm-7:45pm

Dinner Prayer & Banquet Remarks, University Club, 2nd Floor, Winspear Room

7:45pm-11:00pm

CLVS Banquet & Awards Presentations
University Club, 2nd Floor, Winspear Room



SUNDAY, SEPTEMBER 27th

DEPARTURE

We thank our partners and sponsors



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