

2020 Diabetes Canada/CSEM Professional Conference Program At-A-Glance

For more information about the 2020 Diabetes Canada/CSEM Professional Conference, please visit dcanconference.ca

*Note: all times in ET. Schedule is tentative and may change as program is confirmed.

Tuesday, October 27, 2020

11:00 – 16:00 **Diabetes Canada & Diabetes Action Canada Trainee Day**
Theme: Shifting the Paradigm in Patient-Oriented Research: Are We There Yet?

11:00 – 16:45 **CSEM 14th Annual Endocrine Residents' Day Review Course**
Faculty Representative: Dr. Brea Paty
Resident Representative: Dr. Nadia Moledina

Wednesday, October 28, 2020: Allied Health Stream

10:45 – 11:45 **Plenary Lecture 1: Diabetes and Mental Health: Never a Better Time to Expand Scope of Practice**
Chair: Dr. Kerry Mansell
Speaker: Dr. Michael Vallis

12:00 – 12:45 **Session 1: Exercise in a COVID Era**
Chair: Janice Knapp
Speaker: Dr. Jane Yardley; Dr. Ronald Sigal
Session 2: Telehealth and Virtual care
Chair: TBC
Speaker: Dr. Jeff Winterstein
Session 3: Traditional/Originals Food Guide
Chair: TBC
Speaker: Rachel Dickens

13:00 – 13:45 **Lunch/Networking/Exhibits/Poster Hall**
Co-Developed Accredited Lunch – Under the Umbrella: Using Knowledge and Preparation to Safeguard Against Severe Hypoglycemia
Speakers: Dr. Jean- François Yale; Lori Berard

14:00 – 14:50 **Session 4: DIY Looping**
Chair: Dr. Kerry Mansell
Speaker: Kate Farnsworth
Allied Health Oral Abstract Session 1
Chair: Dr. JM Gamble

1. **Speaker: Diana Sherifali**, The effect of diabetes health coaching on glycemic control and quality of life in adults living with type 2 diabetes: a community-based randomized controlled trial.

2. **Speaker: Akchay Jain**, Outcomes with Intermittently Scanned Continuous Glucose Monitoring (isCGM) Used Prior to First Appointment with an Endocrinologist, Compared to Fingerstick Monitoring (FSBGM): SPOT-FIRST study
3. **Speaker: Selina L. Liu**, Patient and Paramedic Experiences with a Direct Electronic Referral Program for Hypoglycemia Education Following Paramedic Service Assist-Requiring Hypoglycemia: A Qualitative Study
4. **Speaker: Sonja M. Recihert**, Benefits of Flash Glucose Sensors on Type 2 Diabetes Management and Exercise Behaviour in Insulin and Non-Insulin treated Patients

Allied Health Oral Abstract Session 2

Chair: Susie Jin

5. **Speaker: Heather A. Hinz**, The Association of Exercise Blood Glucose on Post-Exercise Hypoglycemia in Type 1 Diabetes
6. **Speaker: Harleen Ghuttora**, Variation in Patient-described Barriers and Facilitators to Diabetes Self-Management by Glycemic Control and Individual-Level Characteristics
7. **Speaker: Jana L. Slaght**, Evaluation of a novel approach to health care delivery: The inclusion of an Indigenous Knowledge Keeper and Art therapy in a youth onset type 2 diabetes clinic
8. **Speaker: Elizabeth A. Cummings**, Barriers and facilitators to providing psychosocial care in pediatric diabetes in our province

15:00 – 15:45 Session 5: Metformin Use in Pregnancy: The Results of the MiTy Trial

Chair: Julia Bannister

Speaker: Dr. Denice Feig

Session 6: Update on Diabetes Canada Clinical Practice Guidelines

Chair: Dr. Harpreet Bajaj

Speakers: Dr. Peter Senior; Dr. Lorraine Lipscombe

Session 7: Chemotherapy and corticosteroid use. Can we do better to manage our patients living with diabetes?

Chair: Cynthia Keith

Speakers: Dr. H el ene Long; Steve Chalifoux

16:00 – 16:45 Isabel Lockerbie Address: Understanding siwinikan aspinewin ("Diabetes") and the whole human

Chair: Dr. Kerry Mansell

Speaker: Dr. James Makokis

17:00 – 17:45 Networking/Exhibits/Poster Hall

Co-Developed Accredited Symposium– Take Charge of CKD in T2DM

Speakers: Dr. Alice Cheng; Dr Louis-Philippe Girard

Thursday, October 29, 2020: Scientific Stream

10:45 – 11:45 Plenary Lecture 2: COVID-19 and Diabetes

Chair: Dr. Christine Doucette

Speaker: Dr. Alice Cheng

12:00 – 12:45 Session 8: Clinical Stream: Lifestyle and T2D Prevention

Chair: Dr. Jane Yardley

Speaker: Dr. Harpreet Bajaj; Dr. Jon McGavock

Session 9: Pre-clinical Stream: Islet Dysfunction

Chair: Dr. Rob Screatton

Speaker: Dr. Patrick MacDonald; Dr. Barbara Corkey

Session 10: Translational Stream: Early Life Determinants of Diabetes Risk and Pathogenesis

Chair: Dr. Vern Dolinsky

Speakers: Dr. Brandy Wicklow; Dr. Jenny Bruin

13:00 – 13:45 Lunch/Networking/Exhibits/Poster Hall

14:00 – 14:50 Clinical Stream Oral Abstract Session 1

Chair: Dr. James Kim

1. **Speaker: Emilie Palisaitis**, A Meal Detection Algorithm for the Artificial Pancreas: A Randomized Controlled Clinical Trial in Adolescents with Type 1 Diabetes
2. **Speaker: Milena Cioana**, Hypertension and Albuminuria in Pediatric Type 2 Diabetes Mellitus: A Systematic Review and Meta-Analysis
3. **Speaker: Dorsa Majdpour**, Novel Fully-Automated Fiasp-plus-Pramlintide Artificial Pancreas for Type 1 Diabetes: Randomized Controlled Trial
4. **Speaker: Allison Dart**, Urine cytokine levels and albuminuria progression over 2 years in youth with Type 2 Diabetes

Pre-clinical Oral Abstract Session 2

Chair: Dr. Robin Duncan

5. **Speaker: Nivedita Seshadri**, Investigating the molecular and metabolic regulators of rhythmic insulin secretion over 24 hours
6. **Speaker: Yuanjie Zou**, Lysosomal dysfunction and impaired autophagy exacerbate hypoxia-induced β -cell death and islet graft failure
7. **Speaker: Scott A. Campbell**, RGS9 is Required for Glucose-induced Beta-cell Proliferation in Ex Vivo Pancreatic Islets
8. **Speaker: Evgeniy Panzhinskiy**, CRISPR-Cas9 optogenetic system for insulin expression in human embryonic stem cell-derived beta-like cells

Translational Oral Abstract Session 3

Chair: Dr. Pedro Geraldes

9. **Speaker: Hongyan Liu**, Empagliflozin is Associated with Increased Plasma Lipid Metabolites in Type 1 Diabetes
 10. **Speaker: Evgenia Fadzeyeva**, Regulation of Glucose Metabolism via the Intra-Islet DPP4/Incretin Axis
 11. **Speaker: Peter Overby**, Effects of Carbamazepine and other Nav 1.7 inhibition on Human Pancreatic β -cell survival and type 1 diabetes initiation
 12. **Speaker: Taylor S. Morriveau**, Investigating the Contribution of the HNF-1 α G319S Gene Variant to Early-Onset Type 2 Diabetes (T2D) using MIN6 β -cells and Mice
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15:00 – 15:45 Session 11: Clinical Stream: T2D Pharmacotherapy: SGLT2 inhibitors and GLP-1 receptor agonists in combination

Chair: Dr. Eyal Kraut

Speaker: Dr. Jeremy Gilbert, Dr. Ron Goldenberg

Session 12: Pre-clinical Stream: T1D Biomarkers and Disease Prediction

Chair: Dr. Bruce Verchere

Speakers: Dr. Emily Sims; Dr. Megan Levings

Session 13: Translational Stream: Incorporating Indigenous Knowledge into Diabetes Research

Chair: Dr. Jon McGavock

Speakers: Dr. Treena Delormier, Linda Diffey

16:00 – 16:45 Session 14: Clinical Stream: Pediatric to Adult Diabetes Care Transition

Chair: Dr. Claudia Gagnon

Speakers: Dr. Sonia Butalia; Dr. Katie Pundyk

Session 15: Pre-clinical Stream: Adipose Tissue Dysfunction, Obesity and Diabetes

Chair: Dr. Erin Mulvihill

Speakers: Dr. Gareth Lim; Dr. Mathieu Laplante

Session 16: Translational Stream: Using Nutrition to Achieve T2D Remission and Metabolic Health

Chair: Dr. Jim Johnson

Speakers: Dr. Jon Little; Dr. Satchin Panda

17:00 – 17:45 Networking/Exhibits/Poster Hall

Co-Developed Accredited Symposium – Latest Updates on COVID-19 and Virtual Care: What You Need to Know— From Vaccines to Masks to Optimizing Virtual Clinics

Speakers: Dr. Peter J. Lin; Dr. Ilana J Halperin

Friday, October 30, 2020: CSEM Stream

10:45 – 11:45 Dr. Jacques Genest Lecture: New Developments in Imaging for Endocrinologists

Chair: Dr. Stan Van Uum; Dr. Sana Ghaznavi

Speaker: Prof. Dr. James Nagarajah

12:00 – 12:45 Dr. Henry Friesen Lecture: Genetic testing in daily clinical endocrinology practice with a focus on diabetes

Chair: Dr. Stan Van Uum; Dr. Mahua Ghosh

Speaker: Dr. Andrew Hattersley

**13:00 – 13:45 Lunch/Networking/Exhibits/Poster Hall
Co-Developed Accredited Lunch – Teaming with Knowledge: Insights on Diabetes Team Collaboration and Initiating an Oral GLP-1 RA**

Speakers: Dr. Sara Stafford; Dr. Jane Ballantine; Robert Roscoe; Gail MacNeill

14:00 – 15:45 Resident Clinical Vignettes/Research Projects Session

Chair: Dr. Breay Paty

1. **Speaker: Anna Liu**, A Rare Case of Prolactin-Secreting Pituitary Carcinoma with Epidural and Thecal Metastases
 2. **Speaker: Nisha Gupta**, Carney Complex: A Novel Pathogenic Variant in the PRKAR1A Gene
 3. **Speaker: Ameena Meerasa**, A de novo Mutation in the Melanocortin-4 Receptor (MC4R) Gene & A Lifelong Battle with Obesity
 4. **Speaker: Noelle Ma**, A Novel Mutation in P450 Oxidoreductase and its Role in Infertility
 5. **Speaker: Warren Brown**, Neurosarcoidosis Presenting with Polyuria: A Rare Cause of DI
 6. **Speaker: Ridha Ali**, Case Report of Undiagnosed Acromegaly Causing Dilated Cardiomyopathy Presenting with Electrical Storm and Heart Failure Requiring LVAD Implantation
 7. **Speaker: Cassandra Hawco**, KIT Mutation in a Gastric GIST in Patient with Familial Paraganglioma Syndrome Type IV
 8. **Speaker: Lurdes Tse-Agha**, A Case of Late Presentation of Central Diabetes Insipidus in a Patient with Immunotherapy-Related Hypophysitis
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16:00 – 16:45 Session 17: Obesity Update – New Guidelines

Chair: Dr. Jean-Patrice Baillargeon

Speaker: Dr. Sue Pedersen

