UBCO Diabetes Research Day 2018

September 26 and 27, 2018
University of British Columbia Okanagan
Kelowna, British Columbia, Canada
2018 UBCO Diabetes Research Day

September 26 and 27, 2018
University of British Columbia Okanagan
Kelowna, British Columbia, Canada

Day 1: Wednesday, September 26, 2018

1 pm – 4 pm Scientific Seminar Sessions Theme 1 & 2
Four Points Sheraton Hotel, Kelowna

6 pm – 9 pm Wine & Cheese Poster Reception
Gray Monk Winery

Day 2: Thursday, September 27, 2018

UBC Okanagan Campus

8:30 -1:30 pm Keynote Speaker Dr. Scott Lear, Expert Panel Q & A, & Scientific Seminar Sessions Theme 3 & 4

1:30 Closing Remarks (Bruce Verchere)

1:30-2:30 Lunch Reception in the Lower Lobby

2:30 Meeting concludes

3:00 Ground Transportation to Vancouver departs 3:00 PM from UBCO campus
Estimated arrival time in Vancouver 8-9 PM
THANK YOU TO OUR SPONSORS

University of British Columbia - Office of the Vice President of Research & Innovation Grants for Catalyzing Research Clusters
University of British Columbia Okanagan
Meso Scale Discovery
New England Biolabs
Solo GI Nutrition
SunRype
AGENDA

Day 1: Wednesday September 26th 1:00 - 4:00 pm Scientific Seminar Sessions
Location: Four Points Sheraton, Conference Level Meritage Room

13:00 Registration Desk Opens

13:30 Welcome & Introductions
Bruce Verchere Chair, BC Diabetes Research Network, UBC Professor, Faculty of Medicine
Departments of Surgery and Pathology and Laboratory Medicine, BC Children’s Hospital
Research Institute

14:00-15:00 THEME 1: Dietary Interventions & Mechanisms
Chair: Cody Durrer, UBCO

PI Talk: Jonathan Little, UBCO
Reversing type 2 diabetes by ignoring the guidelines

Presenters:
Sanjoy Ghosh, UBCO Faculty
Omega-6 PUFA in cardiovascular disease: a heart-breaking development

Candice Quin, UBCO (Supervisor Deanne Gibson)
Breast milk omega-3 fatty acids do not alter associated risk factors of metabolic syndrome through changes to the microbiome

Claire Tugault-Lafleur, UBCV (Supervisor Jennifer Black)
Examining differences in school day dietary quality among Canadian children between 2004-2015

Etienne Myette-Cote, UBCO Supervisor (Jonathan Little)
Prior ingestion of exogenous ketone monoester attenuates the glycemic response to an oral glucose tolerance test.

15:00-16:00 THEME 2: Complications & Special Topics
Chair: Julianne Barry, UBCO

PI Talk: Christopher West, UBCO
Type 2 diabetes and spinal cord injury

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Presenters:

Jeremy Walsh, UBCO (Supervisor Jonathan Little)
Changes in Brain-Derived Neurotrophic Factor Are Associated with Improvements in Diabetes Risk Factors after Exercise Training in Adolescents with Obesity: the HEARTY randomized controlled trial

Donna Kurtz, UBCO Faculty
Indigenous Pathways for Diabetes and Obesity Care in Urban Communities

Alejandra Wiedeman, UBCV (Supervisor Angela Devlin)
Fat mass and obesity-associated rs9939609 gene variant is related to fasting glucose in children with mental health conditions

Malihe-Sadat Poormasjedi-Meibod, UBCV (Supervisor Christopher West)
Spinal cord injury prevents frank type 2 diabetes in Zucker diabetic fatty rats and reduces blood glucose in humans

16:00 Day 1 Scientific Seminar Session Concludes

17:00-17:30 Ground Transportation to Gray Monk Winery
(Urban Limousine)

17:30-18:00 Poster session set up for participants

6 pm – 9 pm Wine & Cheese Poster Reception at Gray Monk Winery

18:00 Registration Desk Opens – Guests arrive
18:30 Group photograph on the balcony
18:35-19:20 Poster Session (3 min presentations + 2 min questions each)
20:00 Announcement of Poster Competition Results
21:00-21:30 Ground Transportation to Four Points Sheraton

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Day 2: Thursday September 27th 8:30 am – 2:30 pm  
UBC Okanagan Campus, Reichwald Health Science Centre

08:00-08:30 Registration

08:30-09:00 Welcome Address  
Okanagan Nation Welcome and Acknowledgement, Amber Cardenas  
Bruce Verchere, UBC, British Columbia Diabetes Research Network  
Kathleen Martin Ginis, UBCO Southern Medical Program, Chronic Disease Prevention Program

09:00 Keynote Address  
Chair: Dr. Brodie Sakakibara, UBCO  
Dr. Scott Lear, Professor Simon Fraser University

10:00-10:30 Expert Panel Q & A Session  
Dr. Scott Lear, Professor Simon Fraser University  
Dr. Mary Jung, Associate Professor, UBCO  
Mariko Siggers, Community & Neighbourhood Services Manager, City of Kelowna

10:30-11:00 MORNING COFFEE BREAK Sponsored by SunRype & SoLo Bar

11:00-12:00 THEME 3: Behavior Change Interventions  
Chair: Femke Hoekstra, UBCO

PI Talk: Mary Jung, UBCO  
Trials, Tribulations, and Triumphs! Translating a Diabetes Prevention Program from the Laboratory to the Community

Presenters:  
Sean Locke, UBCO (Supervisor Mary Jung)  
“I’m just too busy to exercise”: Modifying negative exercise thoughts to prepare individuals about to begin a diabetes prevention program

Stefanie Ciszewski, UBCO (Supervisor Lesley Lutes)  
Randomized Trial of a Tailored Cognitive Behavioral Intervention in Type 2 Diabetes with Comorbid Depressive and/or Regimen-related Distress Symptoms—12-Month Outcomes from COMRADE

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Marina Le, UBCO (Supervisor Lesley Lutes)
Insulin Using Patients Experience Comparable Reductions in Regimen-related Distress from a Behavioral Intervention: 12 month outcomes from the COMRADE Trial

Elena Ivanova, UBCO (Supervisor Mary Jung)
Evaluation of a Motivational Interviewing informed workshop for trainees in a Diabetes Prevention Program in the Community

12:00-1:00 THEME 4: Translational Research
Chair: Arya Mehran, UBCV

PI Talk: Angela Devlin, UBCV
Preventing Type 2 Diabetes in Children Treated with Mental Illness

Presenters:
Yi-Chun Chen, UBCV (Supervisor Bruce Verchere)
PAM haploinsufficiency does not accelerate the development of diet- and human islet amyloid polypeptide-induced diabetes in mice

Daemon Cline UNBC (Supervisor Sarah Gray)
Characterization of a peripheral role for PACAP in the regulation of adipocyte function and energy balance.

Mehrbod Estaki UBCV (Supervisor Deanna Gibson)
Manipulation of the intestinal microbiome and health via physical activity, a novel mechanism in how exercise modulates prognosis of type 2 diabetes

José Diego Botezelli UBCV (Supervisor Jim Johnson)
Endurance and strength exercise improves insulin sensitivity and glucose tolerance in SLC2a4+/- mice independently of body weight changes.

1:00 -1:30 Closing Remarks
Bruce Verchere, BCDRN; Mary Jung, UBCO; Jonathan Little, UBCO; Angela Devlin, UBCV

1:30 Lunch Buffet
Lower Lobby Level

2:30 Meetings Concludes

3:00: Ground Transportation to Vancouver departs UBCO
## Poster Presentations

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<thead>
<tr>
<th>Poster #</th>
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<td><strong>Poster Theme 1: Behaviour Change</strong></td>
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## Oral Presentations

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UBCO Diabetes Research Day 2018

We want your feedback!

Meeting Attendee Feedback Survey:

https://www.surveymonkey.com/r/N66CK26

Join us for Vancouver Diabetes Research Day 2018
November 15 & 16

Register before November 2\textsuperscript{nd}
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