



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



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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

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**

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

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

Poster #	First	Surname	Primary Organization
Poster Theme 1: Behaviour Change			
1.	Alexandre	Santos	UBC (Okanagan)
2.	Tineke	Dineen	UBC (Okanagan)
3.	Megan	MacPherson	UBC (Okanagan)
4.	Kaela	Cranston	UBC (Okanagan)
5.	Silke	Hansen	SFU (Vancouver)
6.	Jessica	Ly	UBC (Vancouver)
7.	Lynn	Kennedy	UBC (Vancouver)
Poster Theme 2: Complications and Special Topics			
8.	Natasha	Haskey	UBC (Okanagan)
9.	Julianne	Barry	UBC (Okanagan)
10.	Arya	Mehran	UBC (Vancouver)
11.	Mary	Fossey	UBC (Vancouver)
12.	Sandeep	Gill	UBC (Okanagan)
13.	Garett	Jackson	UBC (Okanagan)
14.	El Joueidi	Samia	UBC (Vancouver)
15.	Daniela	Nowak-Fluck	UBC (Okanagan)
Poster Theme 3: Dietary Interventions & Mechanisms			
16.	Nicha	Boonpattrawong	UBC (Vancouver)
17.	John	Winkler	UBC (Okanagan)
18.	Jiayu (Daisy)	Ye	UBC (Okanagan)
19.	Jacqueline	Barnett	UBC (Okanagan)
20.	Helena	Neudorf	UBC (Okanagan)
21.	Cynthia	Ramirez	UBC (Vancouver)
22.	Ei-Xia	Mussai	UBC (Vancouver)
23.	Marie	Tarrant	UBC (Okanagan)

Oral Presentations

Presenter #	First	Surname	Primary Organization
Oral Theme 1: Dietary Interventions & Mechanisms (Wed. Sept. 26)			
1.	Sanjoy	Ghosh	UBC (Okanagan)
2.	Candice	Quin	UBC (Okanagan)
3.	Claire	Tugault-Lafleur	UBC (Vancouver)
4.	Etienne	Myette-Cote	UBC (Okanagan)
Oral Theme 2: Complications and Special Topics (Wed. Sept. 26)			
5.	Jeremy	Walsh	UBC (Okanagan)
6.	Donna	Kurtz	UBC (Okanagan)
7.	Alejandra	Wiedeman	UBC (Vancouver)
8.	Malihe-Sadat	Poormasjedi-Meibod	UBC (Vancouver)
Oral Theme 3: Behaviour Change (Thurs. Sept. 27)			
9.	Sean	Locke	UBC (Okanagan)
10.	Stefanie	Ciszewski	UBC (Okanagan)
11.	Marina	Le	UBC (Okanagan)
12.	Elena	Ivanova	UBC (Okanagan)
Oral Theme 4: Translational Research (Thurs. Sept. 27)			
13.	Yi-Chun	Chen	UBC (Vancouver)
14.	Daemon	Cline	UNBC (Prince George)
15.	Mehrbod	Estaki	UBC (Okanagan)
16.	José	Botezelli	UBC (Vancouver)

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 2nd
www.diabetesBC.ca**

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