

DIABETES AND METABOLISM SEMINAR SERIES

Annual Symposium

CNS Regulation of Metabolism

Thursday, May 3, 2018

UW Center for Urban Horticulture

3501 NE 41st Street, Seattle, WA 98195

Map: <https://botanicgardens.uw.edu/center-for-urban-horticulture/visit/getting-here/>

Registration is required. Please click the following link to register online by April 27th:

<https://catalyst.uw.edu/webq/survey/habbes/350859>

Organizers: Michael Schwartz, Greg Morton, and Josh Thaler

8:00 Continental Breakfast

8:25-8:30 **Michael Schwartz, MD**, University of Washington
Introductory remarks and Overview

Session I – Chair: Michael Schwartz

8:30 – 9:15 **Atul Chopra, MD, PhD**, Baylor College of Medicine
Human Genetics Aided Discovery of a New Metabolic Hormone

9:15 – 10:00 **Greg Morton, PhD**, University of Washington
CNS Mechanisms Mediating Glycemic Control

10:00–10:45 **Bernard Thorens, PhD**, University of Lausanne
Central Glycemia Detection in Glucose Homeostasis and Feeding Behaviour

10:45– 11:00 Coffee Break

Session II – Chair: Josh Thaler

11:00–11:45 **David Mangelsdorf, PhD**, University of Texas Southwestern Medical Center
The Diverse Metabolic Actions of FGF21

11:45–12:30 **Michael Schwartz, MD** University of Washington
Targeting the Brain to Treat Type 2 Diabetes: New Insight into Underlying Mechanisms

12:30-1:45 Lunch

Session III – Chair: Greg Morton

1:45-2:30 **Josh Thaler, MD, PhD** University of Washington
The Double-edged Sword of Microglial Activation in Diet-Induced Obesity

2:30-3:15 **Joel Elmquist, DVM, PhD** University of Texas Southwestern Medical Center
Why do Leptin Levels Fall with Fasting: A Role for POMC Neurons

3:15–4:00 **Ernie Blevins, PhD** University of Washington
Role of Oxytocin in the Regulation of Body Weight

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