

DIABETES AND METABOLISM SEMINAR SERIES

Annual Symposium

GASTROINTESTINAL REGULATION OF METABOLISM: NEW PLAYERS, AND INSIGHTS FROM BARIATRIC/METABOLIC SURGERY

Thursday May 29, 2014

UW Center for Urban Horticulture
3501 NE 41st Street, Seattle, WA 98195

Organizers: David Cummings and Greg Morton

8:00 Continental Breakfast

8:30–8:40 **Greg Morton**, University of Washington
Introductory remarks

Session II: Influence of Gut Microbiota on Metabolism (Chair: David Cummings)

8:45–9:30 **Elhanan Borenstein, PhD**, University of Washington
Studying the Human Microbiome: From Metagenomic Systems Biology to Multi-Meta-omic Analysis

9:30–10:15 **Emeran Mayer, MD** UCLA
Microbiota and the Brain-Gut Axis

10:15 – 10:45 Coffee Break

Session I: Metabolic Effects of Bariatric Surgery (Chair: Josh Thaler)

10:45 – 11:30 **David Cummings, MD**, University of Washington
Overview of Clinical Bariatric/Metabolic Surgery Studies

11:30 – 12:15 **Nick Stylopoulos, PhD**, Harvard University and Boston Children's Hospital
Reprogramming of Intestinal Glucose Metabolism and Glycemic Control After Gastric Bypass

12:15 – 1:30 Lunch

Session III: Gut-brain-periphery axis and FGFs (Chair: Greg Morton)

1:30 – 2:15 **Steven Kliewer, PhD**, University of Texas Southwestern
Role of fibroblast growth factors in metabolism

2:15 – 3:30 **Michael Schwartz, MD**, University of Washington
Brain mechanisms governing glucose homeostasis: insights from FGF19

3:30–4:00 Coffee Break

4:00 – 4:45 **Randy Seeley, PhD**, University of Cincinnati
Insights into intestinal regulation of glucose and energy homeostasis from bariatric surgery in knockout mice: focus on FXR α

4:45 Closing Remarks – David Cummings



The Diabetes Research Center gratefully acknowledges the generous support of MERCK, INC., THE GEORGE & MARGARET ZIVELONGHI FOUNDATION and JOHN M. GILBERTSON FOUNDATION. To request disability accommodation contact the Disability Services Office at least ten days in advance at: (206) 543-6450/V, (206) 543-6452/TTY, (206) 543-7264/FAX or dso@u.washington.edu