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 FXRα

4:45    Closing Remarks – David Cummings