9:30 am  Registration and Coffee

9:45–9:50 am  Introduction and Updates on Stanford Diabetes Research Center - Seung Kim

9:50–10:50 am  SESSION I: 2018 P&F Progress updates (10 +5 min talks + Q&A)


10:20-10:35 am  Molly Tanenbaum: “A pilot of ONBOARD: OvercomiNG Barriers & Obstacles to Adopting Diabetes Devices for adults with T1D”

10:35-10:50 am  Anisha Patel: “The Impact of Drink Tap: A Multi-Sector Effort to Promote Water Access and Intake in San Francisco Parks”

10:50–11:00 am  BREAK

11:00–12:00 pm  KEYNOTE Speaker: Dr. Andreas Stahl, Professor of Nutritional Sciences and Toxicology, University of California Berkeley - “Tension and Heat: Actomyosin dependent activation of Brown Adipose Tissue”

12:00–1:00 pm  LUNCH

1:00–2:00 pm  SESSION 2: 2018 P&F Progress updates (10 +5 min talks + Q&A)

1:00–1:15 pm  Erik Ingelsson: “Pooled CRISPR Screens to Established Causal Genes for Insulin Resistance”

1:15–1:30 pm  Sun H Kim: “Real-time Continuous Glucose Monitoring to Aid Weight Loss in Prediabetes: Building on expertise within SDRC”

1:30–1:45 pm  Priya Prahalad: “The Use of Diabetes Technology to Change Clinical Outcomes Following New Diagnosis of Type 1 Diabetes in the Pediatric Population”

1:45–2:00 pm  Tho Pham: “Exploring how Interactions Between the Microbiota and Humoral Immune System Contribute to Insulin Resistance”

2:00–2:10 pm  BREAK

2:10–3:20 pm  SESSION 3: 2019 P&F talks – Introduction by Rick Kraemer (7 + 3 min talks + Q&A)

2:10–2:20 pm  Rick Kraemer

2:20–2:30 pm  Eric Appel: “Expanding Global Access to Insulin by Eradicating the Cold Chain”

2:30–2:40 pm  Laya Ekhlaspour: “Modeling Insulin Delivery in Automated Insulin Delivery Systems to Accommodate for Meal Compositions”

2:40–2:50 pm  James Priest: “Dissecting mechanisms of maternal diabetic risk for congenital heart disease in offspring”

2:50–3:00 pm  Mark Davis: “A New Cellular Dynamic in Autoimmunity: A Subset of CD8+ T cells That Target Auto Reactive Cells”

3:00–3:10 pm  Peter Jackson: “Primary Cilia Organize Adipogenesis and Islet Cell GPCR Signaling to Control Obesity and Diabetes”

3:10–3:20 pm  Garry Fathman: “Changes in FCGR2B expression during the pathogenesis and progression of type 1 diabetes”

3:20–3:30 pm  Closing Remarks

We gratefully acknowledge the generous grant for this conference provided by:
National Institutes of Health/National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) Grant No. P30DK116074