

Stanford | Diabetes
Research Center
Stanford Diabetes Research Forum
Berg Hall, Li Ka Shing Center, Nov 22nd, 2019
(Register at <https://sdrf.stanford.edu>)

- 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)**
- 9:50-10:05 am **Tim Horton (Annes group):** “Developing Methods for Beta-Cell Targeted Drug Delivery”
- 10:05-10:20 am **Utkan Demirci:** “An Automated, Centrifuge-Free Platform for Isolating Pancreatic Islets using Magnetic Levitation”
- 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 – 2:10pm** **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 – 2:40pm **Laya Ekhlaspour:** “Modeling Insulin Delivery in Automated Insulin Delivery Systems to Accommodate for Meal Compositions”
- 2:40 – 2:50pm **James Priest:** “Dissecting mechanisms of maternal diabetic risk for congenital heart disease in offspring”
- 2:50 – 3:00pm **Mark Davis:** “A New Cellular Dynamic in Autoimmunity: A Subset of CD8+ T cells That Target Auto Reactive Cells”
- 3:00 – 3:10pm **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**