

Frontiers in Diabetes Research at Stanford

April 26, 2017, 9AM to 5PM

Munzer Auditorium, Beckman Center

- 9:15–9:30 am **Introduction and Update on Stanford Diabetes Research Center**
Dr. Seung Kim
- 9:30–10:45 am **SESSION I: Metabolism and Signaling in Diabetes**
Moderated by Drs. Erik Ingelsson and Joshua Knowles
Dr. **Gerald Reaven**, *From Himsworth to the Metabolic Syndrome and Beyond*
Dr. **Mary Teruel**, *Adipogenesis and Circadian Rhythms*
Dr. **Christopher Gardner**, *Weight Loss Diets: Is Anyone Winning (at Losing)?*
- 10:45–11:00 am **Break**
- 11:00 am–12:15 pm **SESSION II: Pancreas and Islet Research**
Moderated by Drs. Justin Annes and Seung Kim
Dr. **Carolyn Bertozzi**, *Ultrasensitive Detection of Autoantibody Biomarkers of Type 1 Diabetes Using the “ADAP” Technology*
Dr. **Justin Annes**, *Methods of Promoting Beta-cell Expansion*
Dr. **Seung Kim**, *Pancreas Cell Conversion: Implications for Islet Replacement and Pancreatic Cancer*
- 12:15–1:45 pm **Lunch for registered Stanford attendees and guests**
- 1:45–3:00 pm **SESSION III: Diabetes Immunology and Transplantation**
Moderated by Drs. Paul Bollyky and Everett Meyer
Dr. **Nadine Nagy**, *Hyaluronan; a Novel Therapeutic Target in Autoimmune Insulinitis*
Dr. **Magdiel Perez-Cruz**, *The Use of Chimeric Antigen Receptor T Regulatory Cells to Induce Tolerance to Islets*
Drs. **Avnesh Thakor**, **Walter Park**, and **Brendan Visser**, *Autologous Islet Transplantation to Treat Diabetes Secondary to Chronic Pancreatitis*
- 3:00–3:15 pm **Break**
- 3:15–4:30 pm **SESSION IV: Diabetes Bioengineering and Behavioral Sciences**
Moderated by Dr. David Maahs
Dr. **Bruce Buckingham**, *The Artificial Pancreas: Research to Standard of Care*
Dr. **Molly Tanenbaum**, *Psychology and the Artificial Pancreas: Making it Work for Patients*
Dr. **Eric Appel**, *Innovations in Insulin Formulation and Delivery*
- 4:30–4:45 pm **Closing Remarks**
Dr. Seung Kim

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