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 Insulitis  
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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