3rd Annual Frontiers in Diabetes Research Symposium
McCaw Hall, Arrillaga Alumni Center, May 2nd, 2018

8:00-8:15am Registration and poster setup
8:15–8:45 am Introduction and Update on Stanford Diabetes Research Center: Seung Kim
8:45–10:00 am

SESSION I: Bioengineering and Behavioral Sciences
8:45-9:15 am Bruce Buckingham – “Closing the loop”
9:15-9:45 am Howard Look, Tidepool – “Catalyzing a T1D Ecosystem with Open Source and Big Data”
9:45-10:00 am Diana Naranjo – “Leveraging Virtual Reality to Optimize Uptake of Diabetes Devices”

10:00-10:15 am COFFEE & SNACK BREAK
10:15-11:15 pm

SESSION 2: Immunology and Islet Transplantation
10:15-11:00 am Defu Zeng, City of Hope – “MHC-mismatched mixed chimerism cures autoimmunity and augments beta cell regeneration in autoimmune NOD mice”
11:00-11:15 am Avnesh Thakor – “Strategies to Improve Islet Transplantation”
11:15-11:30 am Paul Bollyky – “The tissue microenvironment and immune regulation in T1D”

11:30–12:00 pm Poster session
12:00-1:00 pm Lunch + poster session continued
1:00-2:00 pm KEYNOTE Speaker: Dr. Carla Greenbaum, Director, Diabetes Program, Benaroya Research Institute – “Disease Modifying Therapy in T1D”
2:00–3:15 pm

SESSION 3: Metabolism and Signaling
2:00-2:45 pm Danica Chen, University of California, Berkeley – “Mitochondrial Metabolic Checkpoint, Stem Cell Aging and Rejuvenation”
2:45-3:00 pm James Priest – “Relationship between maternal indices of glycemic control and congenital heart disease”
3:00-3:15 pm Sun H Kim – “Liver Fat is the New Visceral Fat”

3:15-3:30 pm COFFEE & SNACK BREAK
3:30-4:45 pm SESSION 4: Pancreas and Islet Biology
3:30-4:15 pm Mark Huising, University of California, Davis – “Regulation of Beta Cell Fate and Function through Local Crosstalk in Pancreatic Islets”
4:15-4:30 pm Justin Annes – “Developing A Regenerative Small Molecule Approach to Diabetes Therapy”
4:30-4:45 pm Andrew Lipchik (Snyder lab) – “IgG Mediated Suppression of Mitochondrial Respiration as a Surrogate Measure of Insulin Sensitivity”

4:45–5:00 pm Prizes/Awards announcements and closing remarks

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