Stanford Diabetes Research Forum
Berg Hall, Li Ka Shing Center, Nov 29th, 2017

9:00–9:15 am
Introduction and Update on Stanford Diabetes Research Center - Seung Kim

9:15–10:30 am
SESSION I: 2016 P&F presentations (10 min talks + 5 min Q&A)
9:15–9:30 am Varsha Rao (Snyder lab; on behalf of Vivek Bhalla) – “Cell-free nucleic acid profiling in Diabetic Kidney Disease”
9:30–9:45 am Eric Gross – “Generation of endothelial cells resistant to hyperglycemia-induced endothelial cell dysfunction”
9:45–10:00 am Joyce Liao “Vision Loss in Diabetes: Impact on the Optic Nerve”
10:00–10:15 am Korey Hood (on behalf of Diana Naranjo)– “Virtual Reality to Improve Uptake and Use of Closed Loop Systems”
10:15–10:30 am Mary Teruel - “Understanding the role of FABP4 in regulating adipogenesis and adipocyte function”

10:30–10:45 am
COFFEE & SNACK BREAK

10:45–12:00 pm
SESSION 2: 2016 P&F presentations and Diabetes Research Core Facility presentation (10 min talks for P&F and 20 min for Core Facility talk + 5 min Q&A)
10:45–11:00 am Chelsea Kliebert Longwell (Cochran lab) – “Using protein engineering to find agonists of the GLP-1R with novel pharmacological properties for the study and therapeutic control of diabetes”
11:00–11:15 am Sang Ging Ong (on behalf of Won Hee Lee)– “Mitochondrial clearance as an adaptive response against diabetic cardiomyopathy”
11:15–11:30 am Nadine Nagy – ”The development of 4-methylumbelliferone analogs to prevent autoimmune diabetes”
11:30–11:55 am Seung Kim – “Stanford Islet Research Core”

12–1:00 pm
KEYNOTE Speaker: Dr. Alvin Powers, Director of Vanderbilt Diabetes Research and Training Center, Director & Professor of Medicine, Division of Diabetes, Endocrinology & Metabolism, Professor of Molecular Physiology and Biophysics, Vanderbilt University; Visiting Professor; Kroc Lecture and Endocrine Grand Rounds

1:00–2:00 pm
LUNCH

2:00–3:15 pm
SESSION 3: 2017 P&F talks – Introduction by Rick Kraemer (10 min talks + 5 min Q&A)
2:00–2:15 pm Sooyeon Lee (Annes lab) – “Mitochondrial Dysfunction Promotes Diabetes via A Previously Unrecognized Mechanism”
2:15–2:30 pm Everett Meyer – “Invariant NKT cells as a therapeutic target in Type 1 diabetes”
2:30–2:45 pm Francois Haddad & Mehmet Ozen (on behalf of Latha Palaniappan) – “Elucidating the mechanisms of Diabetic Cardiomyopathy through Exosome Profiling”
2:45–3:00 pm Amani Hariri (Soh lab) – “Real-time biosensor for continuous in vivo detection of glucose”
3:00–3:15 pm Mehdi Razavi (Thakor lab) – “A novel bioscaffold for pancreatic islet transplantation”

3:15–3:30 pm
COFFEE & SNACK BREAK

3:30–4:45 pm
SESSION 4: Diabetes Research Core Facility presentations (20 min talks + 5 min Q&A)
3:30–3:55 pm Christopher Gardner, Tracey McLaughlin & Manisha Desai – “Clinical and Translational Core”
3:55–4:20 pm Kent Jensen – “Services offered by the Diabetes Immune Monitoring Core”
4:20–4:45 pm Peter Maguire – “Description of Services Offered by the Diabetes Genomic Analysis core”

4:45–5:00 pm
Closing Remarks - Seung Kim