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) – “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 – “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 – “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”

Short break for endocrinology grand rounds attendees to enter

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  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  Avnesh Thakor – “A novel bioscaffold for pancreatic islet transplantation”

3:15–3:30 pm  COFFEE BREAK

3:30–4:45 pm  SESSION 4: Diabetes Research Core Facility presentations (20 min talks + 5min 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