



Stanford Diabetes Research Forum

Berg Hall, Li Ka Shing Center, Nov 29th, 2017

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| 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) |
| 10:45-11:00am | 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 + 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 |