DIABETES AND METABOLISM SEMINAR SERIES
Annual Symposium

BETA CELL REPLACEMENT THERAPY FOR DIABETES

Thursday May 28, 2015
UW Center for Urban Horticulture
3501 NE 41st Street, Seattle, WA 98195

Organizers: Vincenzo Cirulli, Laura Crisa and Rebecca Hull

8:00             Continental Breakfast
8:30–8:40        Vincenzo Cirulli, University of Washington
                 Introductory remarks

Session I: (Chair: Laura Crisa)
8:45 – 9:30      Irl Hirsch, MD, University of Washington
                 Clinical considerations for designing β-cell replacement therapies
9:30 – 10:15     Teresa Rodriguez-Calvo, DVM, PhD, La Jolla Institute for Allergy and Immunology
                 Pathological considerations for designing β-cell replacement therapies: lessons from the pancreas
10:15 – 10:30    Coffee Break

Session II: (Chair: Rebecca Hull)
10:30–11:15      Domenico Accili, MD, Columbia University
                 FoxO1 as a negative regulator of β-cell specification in the gut: implication for islet regeneration
11:15–12:00      Vincenzo Cirulli, MD, PhD, University of Washington
                 Cell-cell and cell-matrix interactions regulating islet progenitor segregation, expansion and maturation
12:00 – 1:30     Lunch and Fellow presentations

Session III: (Chair: Sakeneh Zraika)
1:30 – 2:15      George Gittes, MD, University of Pittsburgh
                 Regulators of β-cell proliferation: role of SMAD7 and TGFβ
2:15 – 3:00      Laura Crisa, MD, PhD, University of Washington
                 Myeloid cells as regulators of islet cell lineage differentiation
3:00–3:15        Coffee Break

Session IV: (Chair: Vincenzo Cirulli)
3:15 – 4:00      Adolfo Garcia-Ocana, PhD, Mount Sinai, NY
                 Human β-cell proliferation and intracellular signaling part 2: still driving in the dark without a road map
4:00 – 4:45      Rohit Kulkarni, MD, PhD, Joslin Diabetes Center
                 Liver-derived factors for beta-cell replacement

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