POSTER PRESENTATIONS
– Wednesday May 21st & 22nd 2014 –

ISLET DEVELOPMENT & DIFFERENTIATION

Poster 01 - Iljana Gaffar - *Complementary Roles for Glucagon Receptor and GLP-1 Receptor Signaling in Insulin Cell Differentiation.*
Poster 02 - John Wiersch - *Alpha Cell Ablation Leads to Delayed Beta Cell Development in Embryonic Mice.*
Poster 03 - Fong Cheng Pan - *Mnx1 as a critical determinant in beta/delta fate selection during endocrine lineage diversification and beta cell differentiation.*
Poster 04 - Anna B. Osipovich - *Insm1 Promotes Endocrine Cell Differentiation by Modulating Expression of a Network of Genes That Includes Neurog3 and Ripply3.*
Poster 05 - Pavana Rotti - *3D Differentiation of human induced pluripotent stem cells generates functional insulin producing cells in vitro.*

ISLET ß-CELL GROWTH, REGENERATION & REPROGRAMMING

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Poster 07 - Audra L. Kauffman - *A small molecule kinase inhibitor induces insulin gene expression in pancreatic alpha cells.*
Poster 08 - Maria L. Golson - *Activated FoxM1 enhances insulin secretion and beta cell survival in young mice while increasing beta cell proliferation in aged mice.*
Poster 09 - Nathaniel J. Hart - *Islet Cell Composition, Proliferation and Mass in the Human Juvenile Pancreas.*
Poster 10 - Raymond C. Pasek - *Connective Tissue Growth Factor Promotes Beta Cell Proliferation During Pregnancy.*
Poster 11 - Lisette Maddison - *Betatrophin (Angptl8) Expression in Zebrafish and Impact on Beta Cell Numbers.*
Poster 12 - Yanqing Zhang - *Pax4 Induced Alpha-to-beta Cell Phenotypic Change.*
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Poster 14 - Kristie I. Aamodt - *Signals Derived From The Islet Microenvironment Modulated By Vascular Endothelial Growth Factor-A Promote Beta Cell Proliferation.*

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ALPHA-CELLS & GLUCAGON SECRETION

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TYPE-2 DIABETES PATHOGENESIS

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