



Symposia and Oral Presentations			
Time (EDT)	Presenter/Contributing Author	Title	Type:Theme/Identifier
Friday, June 25, 2021			
12:45 - 1:45 PM	Linda DiMeglio, MD, MPH (Chair)	<i>COVID-19 and Beyond—Viruses in Pediatric Diabetes</i>	Mini-Symposium: Clinical Diabetes/Therapeutics
4:45 - 5:00 PM	Tatsuyoshi Kono, PhD & Chih-Chun Lee, PhD	<i>Pancreatic Beta Cell SERCA2 Deficiency Impacts ER-Golgi Vesicle Trafficking and Ceramide Metabolism</i>	39-OR
5:15 - 5:30 PM	Emily K. Sims, MD	<i>Assessments of Prediagnostic Metabolic Measures as Surrogate Endpoints for Type 1 Diabetes Prevention Trials</i>	11-OR
Saturday, June 26, 2021			
8:35 - 9:10 AM	Linda DiMeglio, MD, MPH	<i>COVID-19 and Type 1 Diabetes—Maintaining Control and Addressing Concerns</i>	Symposium: Epidemiology/Genetics
3:00 - 3:25 PM	Michael A. Weiss, MD, PhD, MBA	<i>The Future of Insulin as a Therapy</i>	Symposium: Insulin Action/Molecular Metabolism
4:05 - 4:23 PM	Emily K. Sims, MD	<i>Preclinical Molecular Markers of Beta-Cell Stress in Type 1 Diabetes/Molecular Mechanisms Contributing to β-Cell Dysfunction and the Development of Diabetes</i>	Symposium: Islet Biology/Insulin Secretion
Sunday, June 27, 2021			
8:30 - 8:45 AM	Paul Sohn	<i>STIM1 Deletion Leads to Loss of Beta-Cell Identity in High-Fat Diet-Fed Female Mice</i>	176-OR
8:45 - 9:00 AM	Jason Spaeth, PhD	<i>The Swi/Snf Chromatin Remodeling Complex Controls the Specification, Expansion, and Differentiation of Pancreatic Endocrine Progenitor Cells</i>	177-OR
12:10 - 12:35 PM	Tamara Hannon, MD	<i>Pros: Identification and Management of Prediabetes in Youth</i>	Professional Interest Group Discussion
2:45 - 3:15 PM	Tamara Hannon, MD	<i>Pathophysiology of Pediatric Type 2 Diabetes—RISE and Running to the Future</i>	Symposium: Clinical Diabetes/Therapeutics
Monday, June 28, 2021			
2:30 - 2:45 PM	Staci Weaver	<i>Role of Endoplasmic Reticulum (ER) Calcium in β-Cell Senescence and Type 1 Diabetes Pathophysiology</i>	288-OR
3:45 - 4:00 PM	Matthew Arvin, PhD & Amelia Linnemann, PhD	<i>IFN-α Evokes a Heterogeneous, Rapid ROS Response from a Subset of Human Islet Beta Cells in Situ</i>	293-OR
4:00 - 4:30 PM	Christopher Contreras, PhD	<i>RIPK3-Mediated Necroptosis Is an Alternative Form of TNFα-Induced β-Cell Death</i>	294-OR
Tuesday, June 29, 2021			
8:00 - 8:30 AM	Carmella Evans-Molina, MD, PhD	<i>Beta Cells in Type 1 Diabetes</i>	Symposium: Islet Biology/Insulin Secretion
9:30 - 10:00 AM	Amelia K. Linnemann, PhD	<i>Pancreatic Beta-Cell Autophagy Is Impaired in Type 1 Diabetes</i>	Symposium: Islet Biology/Insulin Secretion
Posters			
Presenter	Title		Identifier
Priya Soni	<i>Normative Fasting C-Peptide Values in Adolescents in the National Health and Nutrition Examination Surveys (NHANES)</i>		1104-P
Priya Soni	<i>Effects of Exercise on Glycemic Control and Insulin Resistance in Individuals with Type 1 and Type 2 Diabetes in the NHANES Dataset</i>		1105-P
Heba M. Ismail, MBBCh, PhD	<i>Characterizing Glucose/C-Peptide Response Curve Phenotypes to Enhance Selection Specificity for Type 1 Diabetes Prevention Trials</i>		1117-P
David Q. Johnson	<i>Mediobasal Hypothalamic PACAP Is Essential for Energy Balance by Stimulating Energy Expenditure</i>		1154-P
Alissa Novak	<i>Generation of Targeted Nanoparticles for β-Cell-Selective Delivery of Antioxidant Drugs</i>		1237-P
Charanya Muralidharan	<i>Evidence of Altered Alpha- and Beta-Cell Lysosomes prior to Onset of Type 1 Diabetes</i>		1239-P
Heba M. Ismail, MBBCh, PhD	<i>Changes in Protein Expression during Islet Regeneration in a Cystic Fibrosis-Related Diabetes (CFRD) Ferret Model</i>		1240-P
Preethi Krishnan, PhD	<i>Inhibition of MIR-146a-5p Prevents Mitochondrial Dysfunction and β-Cell Apoptosis, and Improves Insulin Secretion</i>		1241-P
Rebecca K. Davidson	<i>The Chd4 Helicase Regulates Pdx1-Controlled Genes Involved in β-Cell Function</i>		1243-P
Sukrati Kanojia	<i>The SND1 Coregulator Controls β-Cell Function and Identity</i>		1247-P
Chih-Chun Lee, PhD	<i>Histone Deacetylase Inhibition Improves Store-Operated Calcium Entry and Glucose-Stimulated Insulin Secretion in Cytokine-Stressed Pancreatic β-Cells</i>		1248-P
Lim Kua, MD	<i>Reg3g Mediates Sex-Specific Islet Dysfunction in Offspring of Obese Mice via Heparan Sulfate Glycan Polymerization</i>		1250-P