



# 2018 Grant Awardees

## Spring Cycle

**Shanlee Davis, MD - University of Colorado**

Testosterone Effects on Short Term Outcomes (TESTO) on adiposity and metabolism in infants with XXY

**Maria Hurtado, MD - Mayo Clinic Rochester**

Morphologic Characterization of Alpha cells in Human Islets Across the Spectrum of Health, Impaired Fasting Glucose/Glucose Tolerance and Type 2 Diabetes Mellitus.

**Minghao Liu, MD - Columbia University Medical Center/New York Presbyterian Hospital**

Trabecular Bone Score in the Evaluation of Vertebral Fracture in Primary Hyperparathyroidism

**Natalie Nokoff, MD - University of Colorado School of Medicine, Anschutz Medical Campus**

Effects of pubertal blockade and testosterone therapy on insulin sensitivity, vascular health and physical fitness in female-to-male transgender adolescents

**Mohamed Saleh, MD - Children's Hospital of Pittsburgh**

Reprogramming of pancreatic alpha-cells into functioning insulin-producing cells as a therapy for type 2 diabetes (T2D).

**Jeremy Warshauer, MD - University of California San Francisco**

A Novel Mendelian Model of Autoimmune Diabetes



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## Fall Cycle

**Alison Affinati, MD - University of Michigan, Department of Metabolism, Endocrinology and Diabetes**

The role of cholecystokinin b receptor neurons in the ventromedial hypothalamic nucleus in regulation of glucose homeostasis in health and disease

**Katherine Araque Triana, MD - National Institutes of Health**

Expression of Somatostatin and Dopamine Receptors and their correlation with Ga68-DOTATATE, 18FDOPA finding and markers of aggressiveness in Ectopic ACTH-producing tumors

**Rachel Blair, MD - Division of Endocrinology, Diabetes, and Hypertension, Brigham and Women's Hospital**

Text For Success in Gestational Diabetes: An Accessible Text Message Solution to Increase Adherence and Improve Outcomes

**Mehmet Burak, MD - Harvard Chan School of Public Health and Brigham and Women's Hospital**

The role of circulating  $\alpha$ P2 in the pathogenesis of obesity related asthma and new therapeutic strategies against obesity related asthma using anti- $\alpha$ P2 agents

**Aoife Egan, MD - Mayo Clinic**

Proinsulin and Glucagon Secretion in Postpartum Women with and without Gestational Diabetes.

**Jennifer Ikle, MD - Washington University**

Generation and analysis of a zebrafish model of KATP-dependent congenital hyperinsulinism

**Joseph Kindler, MD - Children's Hospital of Philadelphia**

Bone Health in Youth with Type 2 Diabetes

**Marissa Lightbourne, MD - National Institute of Health**

Effects of severe insulin resistance on endothelial dysfunction in patients with insulin receptoropathy and lipodystrophy

**Mona Mashayek, MD - Vanderbilt University Medical Center**

Immunologic Effects of GLP-1 Receptor Activation in Obesity

**Shilpa Mehta, MD - NYU School of Medicine**

Effects of T1DM on the epigenome of osteocytes, the most abundant cells in bone.

**Lauren Richter, MD - New York-Presbyterian Hospital and Columbia University Medical Center**

Liver-specific Notch signaling inhibition using nanoparticles as a therapeutic intervention for non-alcoholic steatohepatitis

**Amy Seagroves, MD -**

Food Choices in Children with Type 1 Diabetes Mellitus