2020 Grant Awardees

Spring Cycle

Rebecca Aguirre, MD, PhD, Indiana University
The Role of Beta-Cell Exosomal Proinsulin in the Pathogenesis of Type 1 Diabetes

Svetlana Azova, MD, Boston Children’s Hospital
Effects of Nutritional Ketosis on Cerebral Glutamate Concentrations and Brain Health in Type 1 Diabetes Mellitus

Itivrita Goyal, MD, The University at Buffalo
A study of cellular and molecular mechanisms of insulin resistance in patients on androgen

Emily Rosenberg, MD, The Brigham and Women's Hospital, Inc.
Uncovering the Role of Dietary Fat and Protein in Glycemic Physiology in Gestational Diabetes

Nina Suda, MD, Columbia University Medical Center/New York Presbyterian Hospital
Jagged1-Notch signaling determines ß cell maturity and function

Jia Zhu, MD, Boston Children’s Hospital
Dissecting PCOS Physiology by Defining Phenotypes Associated with PCOS Genetic Risk Factors in Children
**Fall Cycle**

**Diana Athonvarangkul, MD, PhD, Yale University**
The role of RANKL in osteocytic perilacunar remodeling and angiogenesis during lactation

**Amro Ilaiwy, MD, Duke University**
Beyond Diabetic Glucosuria - Changes of Urine Metabolome Associated with Dapagliflozin in Gsa Deficient Mouse Model of Diabetes Compared to Healthy Mice

**Eileen Koh MD, The Regents University of California, San Francisco**
Fracture risk after bariatric surgery among Veterans

**Ilana Ramer Bass, MD, MPH, Icahn School of Medicine at Mount Sinai**
Racial Disparities in Systemic Hyperinsulinemia and Breast Cancer Insulin Receptor Signaling

**Ankur Rughani, MD, Board of Regents of the University of Oklahoma Health Sciences Center**
The impact of maternal diabetes on miRNA 146b in fetal tissue

**Arvind Maheshwari, MBBS, Mayo Clinic**
Assessment of Cortical and Cancellous Bone in Cross Sex Hormone Therapy in Transgender Individuals

**Diana Soliman, MD, Duke University**
Transition from pediatric to adult care in Type 1 diabetes mellitus: a longitudinal analysis of clinical characteristics and outcomes