

NIDDK Faculty	Department	Research Focus
Ankrum, James	Biomedical Engineering	Mesenchymal stem cells and adipose tissue organoids
Atasoy, Deniz	Neuroscience and Pharmacology	Ascending pathways mediating hypoglycemia counterregulation and glucose homeostasis
Baker, Kelly	Occupational and Environmental Health	Epidemiology, global health, diarrheal illness, malnutrition
Bodine, Sue	IM-Endocrinology & Metabolism	Neuromuscular adaptation to disuse, glucocorticoids, diabetes, obesity and aging
Bradley, Catherine	Obstetrics & Gynecology	Epidemiology of urinary conditions and pelvic floor disorders
Brown, Kyle	IM-Gastroenterology & Hepatology	Nonalcoholic fatty liver or steatohepatitis
Carvour, Martha	IM-Infectious Diseases	Health equity, diabetes, COVID-19
Chaurasia, Bhagirath	IM-Endocrinology & Metabolism	Lipid metabolite ceramide in metabolic diseases
Cooper, Chris	Urology	Vesicoureteral reflux and neurogenic bladder
Dagle, John	Pediatrics-Neonatology	Genetics of prematurity, effect of NSAID exposure on kidney function of preterm infants
Elliott, David	IM-Gastroenterology & Hepatology	Helminth-associated modulation of mucosal immunity and colitis
Engelhardt, John	Anatomy & Cell Biology	Gene therapy for cystic fibrosis
Erickson, Brad	Urology	Congenital urogenital abnormalities, urologic trauma
Harshman, Lyndsay	Pediatrics-Nephrology	Neurodevelopment in chronic kidney disease
Huang, Chou-Long	IM-Nephrology	Ion transport and cell biology of hypertension
Imai, Yumi	IM-Endocrinology & Metabolism	Regulation of lipid metabolism in pancreatic islets
Kreder, Karl	Urology	Chronic pelvic pain bladder disorders
Lira, Vitor	Health & Human Physiology	Impact of aging, obesity and diabetes on cardiac and skeletal muscle
Luo, Yi	Urology	Interstitial cystitis, bladder pain syndrome
Mokadem, Mohamad	IM-Gastroenterology & Hepatology	Neuromolecular control of energy balance and glucose homeostasis along the gut-brain axis; obesity and mechanism of bariatric surgery
Nizar, Jonathan	IM-Nephrology	Renal electrolyte transport, hypertension, acid/base homeostasis
Norris, Andy	Pediatrics-Endocrinology & Diabetes	Early life pathogenesis of type 2 diabetes and cystic fibrosis related diabetes
O'Niell, Brian	IM-Endocrinology & Metabolism	Impacts of insulin action on muscle strength
Pereira Alambert, Renata	IM-Endocrinology & Metabolism	Mitochondrial function and stress response pathways in the pathophysiology of obesity and insulin resistance
Pinnaro, Catherina	Pediatrics-Endocrinology & Diabetes	Diabetes in genetic disorders, type 1 diabetes
Pothoff, Matt	Neuroscience and Pharmacology	Nutrient control of metabolism and cell signaling
Rahmouni, Kamal	Neuroscience and Pharmacology	Pathways that link metabolic and cardiovascular functions
Randak, Chris	Pediatrics-Pulmonary Medicine	Functional properties of the cystic fibrosis transmembrane conductance regulator anion channel
Rutkowski, Thomas	Anatomy & Cell Biology	Endoplasmic reticulum stress, overnutrition, and liver injury
Sebag, Julien	Molecular Physiology and Biophysics	Central GPCR regulation of energy homeostasis
Sheffield, Val	Pediatrics-Genetics	Molecular genetics of human hereditary diseases including complex disorders such as diabetes, hypertension and obesity
Sivitz, William	IM-Endocrinology & Metabolism	Pathophysiology of diabetes and obesity
Spitz, Doug	Radiation Oncology	Metabolic oxidative stress and free radical-induced intestinal injury
Stapleton, Jack	IM-Infectious Diseases	Viral – T cell interactions and viral hepatitis pathogenesis
Stephens, Samuel	IM-Endocrinology & Metabolism	Diabetes, pancreatic islet function, islet transplant
Storm, Douglas	Urology	Vesicoureteral reflux, recurrent UTIs in children, urinary microbiome
Strack, Stefan	Neuroscience and Pharmacology	Targeting mitochondrial fission for neuroprotection in diabetic neuropathy
Taylor, Eric	Molecular Physiology and Biophysics	Mitochondrial and metabolic basis of disease
Uc, Aliye	Pediatrics-Gastroenterology	Inflammatory disease of the pancreas
Usachev, Yuriy	Neuroscience and Pharmacology	Diabetic neuropathy
Wahls, Terry	IM-General Internal Medicine	Impact and mechanism of nutritional interventions for quality of life and course of multiple sclerosis
Yorek, Mark	IM-Endocrinology & Metabolism	Etiology of obesity and diabetes-induced vascular and neural disease, diabetic peripheral neuropathy