

2009 American Diabetes Association: Research Grant Review Committee Roster Overview

The following roster contains a list of current Grant Review Committee Members who review all Nationwide Research Awards and most Development Awards. *This panel does not Review any training awards which include Mentor-Based Awards or Targeted Awards.*

Committee leadership positions:

Chair: Lawrence Kennedy, MD, FRCP

Chair-Elect: David Bleich, MD

Vice-Chair: Ishwarlal Jialal, MD, PhD

Please contact Magda Galindo at mgalindo@diabetes.org with related questions.

American Diabetes Association

Research Grant Review Committee Roster

February 2009

Name	Areas of expertise	Organization Name	Organization City	Organization State
Steven F Abcouwer, Ph.D.	Retinal diseases, including diabetic retinopathy and macular degeneration	Penn State University College of Medicine	Hershey	PA
Sean Harrison Adams, PhD	Adipocyte physiology, food intake regulation and gut peptides, thermogenesis, and a recent involvement with metabolomics studies and peripheral nervous systems.	USDA ARS Western Human Nutrition Research Center	Davis	CA
Sharon Gail Adler, MD	Diabetic nephropathy	Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center	Torrance	CA
Laura Alonso, M.D.	Clinical, Glucose-mediated beta cell replication, Free fatty acids and beta cell replication, Insulin signaling and PKC in the beta cell, Human beta cell replication in transplanted islets, Endoplasmic reticulum stress in the beta cell, Stem cell activation and regulation in the skin epithelium, Transit amplifying cells in the hair follicle, Sgks, growth factor signaling in the hair follicle.	University of Pittsburgh	Pittsburgh	PA
Julio Enrique Ayala, PhD	Metabolic phenotyping of murine models of diabetes, Incretin biology, In vivo insulin action and insulin resistance.	Vanderbilt University Medical Center	Nashville	TN

Name	Areas of expertise	Organization Name	Organization City	Organization State
Mandeep Bajaj, MD	Insulin resistance - in vivo adipocytokines and insulin action fat topography- liver and hepatic fat and insulin resistance, inflammation- skeletal muscle and vascular treatment of insulin resistance, free fatty acids and insulin resistance.	Baylor College of Medicine	Houston	TX
Alistair John Barber, PhD	Cell Biology of diabetic retinopathy, Neuroscience of the retina, apoptosis of neurons, neurodegeneration, retinal inflammation, microglia and glial cells	Penn State University College of Medicine	Hershey	PA
Jennifer Barker, M.D.	Pediatric diabetes, Autoimmunity and prevention of T1 diabetes, Associated autoimmune diseases with T1 diabetes.	Barbara Davis Center for Childhood Diabetes, University of Colorado Health Sciences Center	Aurora	CO
Bryan Bergman, Ph.D.	Exercise physiology, whole body and skeletal muscle fat, glucose, and lactate metabolism Lipotoxicity (specifically skeletal muscle) and insulin resistance, using isotopic tracers to study metabolism.	University of Colorado Health Sciences Center	Aurora	CO
David Bleich, MD	Beta-cell apoptosis, cytokines, arachidonic acid metabolism, type 1 diabetes, T-cell function	University of Medicine and Dentistry of New Jersey	Newark	NJ
Charlotte M Boney, M.D.	Cell biology, Molecular biology approaches, IGF-I and other growth factor signaling mechanisms in adipogenesis using in vitro models (primary cultures of preadipocytes, 3T3-L1 cell line).	Brown University	Providence	RI

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Kenneth L Brayman, M.D., PhD	Islet cell transplantation, Transplantation of whole organs and isolated cells, Immunobiology of rejection and autoimmunity of type 1 DM, Immunologic tolerance, Human islet transplantation, Metabolic aspects of islet function, immunosuppression, Pancreas and renal transplantation, Islet imaging, islet bioengineering, islet functional assessment, Inflammation and innate immunity.	University of Virginia	Charlottesville	VA
Dennis C. Bruemmer, MD	Areas of expertise: Macrovascular disease in diabetes, PPARs and their role in metabolism and cardiovascular disease, regulation of gene expression in vascular cells	University of Kentucky, College of Medicine	Lexington	KY
Christoph Buettner, MD, PhD	Glucose and Lipid Metabolism, Brain Control of Metabolism, Role of Adipose Tissue in Pathogenesis of Diabetes, Mechanisms Regulating Hepatic Glucose Production.	Mount Sinai School of Medicine	New York	NY
Mark R. Burge, M.D.	Clinical studies in T1 and T2 diabetes with emphasis on hypoglycemia, New therapeutics and the optimal diagnosis and treatment.	University of New Mexico Health Sciences Center	Albuquerque	NM
Shawn C. Burgess, PhD	Metabolic flux, Liver metabolism, Hepatic insulin resistance, Gluconeogenesis, Hepatic fat oxidation, Nuclear magnetic resonance, Metabolomics, Isotope tracers of metabolism.	University of Texas Southwestern Medical Center at Dallas	Dallas	TX
Julia V Busik, Ph.D.	Retinopathy, inflammation, dyslipidemia, fatty acid metabolism, glucose transport and metabolism, aldose reductase.	Michigan State University	East Lansing	MI
Nancy F Butte, Ph.D.	Molecular biology of obesity, Pediatric obesity.	Baylor College of Medicine	Houston	TX

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Lu Cai, MD, PhD	Diabetic cardiomyopathy, myocardial cell death, myocardial oxidative or nitrosative damage, and metallothionein.	University of Louisville	Louisville	KY
Dongsheng Cai, MD, PhD	Central nervous system control of metabolism and diseases, Metabolic inflammation and ER stress, Insulin & leptin signaling, insulin & leptin resistance, Adipogenesis, adiposity, Muscle fiber transition, muscle atrophy and dystrophy, Hepatic steatosis.	University of Wisconsin-Madison	Madison	WI
Wenhong Cao, MD	Hepatic gluconeogenesis and mechanisms of insulin resistance	The Hamner Institutes	Research Triangle Park	NC
John C Chatham, D. Phil	Cardiac metabolism and physiology, Cardiomyocyte function, cardiomyopathy, diabetic complications, rodent models of diabetes, NMR spectroscopy, intermediary metabolism, myocardial ischemia	University of Alabama at Birmingham	Birmingham	AL
Ajay Chawla, MD, PhD	Inflammation and insulin resistance; Regulation of metabolism by nuclear receptors; Macrophage activation in insulin resistance.	Stanford University	San Francisco	CA
Alex F. Chen, MD, PhD	Endothelial cell dysfunction, endothelial progenitor cells, angiogenesis, vascular injury and atherosclerosis, nitric oxide synthase, oxidative stress and antioxidant enzymes, gene transfer and gene therapy, cell therapy, wound healing.	Michigan State University	East Lansing	MI
Nai-Wen Chi, MD, PhD	Insulin action, Adipocyte biology and adipokines.	The Regents of the University of California, San Diego	La Jolla	CA

Name	Areas of expertise	Organization Name	Organization City	Organization State
Streamson Chua, Ph.D.	Epidemiology	Albert Einstein College of Medicine	Bronx	NY
Gary Cline, Ph.D.	Biochemical mechanisms, beta-cell dysfunction, function of uncoupling proteins in mitochondrial energy production, pathophysiology of peripheral and liver fuel metabolism	Yale University School of Medicine	New Haven	CT
Robert V. Considine, PhD	Primary - adipocytes, adipokines, weight gain/loss in vivo, nutrition-human or animal studies. Secondary - hypothalamic signalling as relates to regulation of body weight, exercise	Indiana University	Indianapolis	IN
Juan L Contreras, M.D.	Experimental islet transplantation, Clinical pancreas and islet transplantation, Gene therapy, Beta cell apoptosis, Immunotherapy	University of Alabama at Birmingham	Birmingham	AL
Marcus Cooper, M.D.	Transcriptional regulation of energy metabolism (obesity, diabetes), Mitochondria function and biology in energy metabolism (obesity, diabetes), Mitochondrial and transcriptional mechanisms involved in non-alcoholic fatty liver disease and non-alcoholic steatohepatitis.	University of Massachusetts Medical School	Worcester	MA
Taixing Cui, MD, PhD	Vasculopathy, Cardiomyopathy, Insulin resistance, Vascular smooth muscle biology, Endothelial dysfunction, Redox signaling, rennin angiotensin system, ubiquitin proteasomal system, inflammatory responses	University of South Carolina Research Foundation	Columbia	SC
Dana Dabelea, MD, PhD	Epidemiology of diabetes: T1, DT2, Gestational diabetes, pediatric diabetes and obesity, Cardiovascular disease, Lifecourse epidemiology.	University of Colorado, Denver	Denver	

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Samuel Dagogo-Jack, MD	Endocrinology	The University of Tennessee Health Science Center	Memphis	TN
Paresh Dandona, MD, PhD	Clinical: Insulin action and insulin resistance, Inflammation and oxidative stress, Pro-inflammatory effect of glucose, fatty acids and macronutrients, Anti-inflammatory effect of insulin, TZDs, ARBs, ACE inhibitors and statins, Hypogonadism and PCOS in obesity and type 2 diabetes.	KaleidaHealth, Inc	Buffalo	NY
Farhad R. Danesh, M.D.	Diabetic nephropathy, Reactive oxygen species, Small Rho GTPase signaling, Mitochondria, Stem cells in kidney, Signaling in kidneys.	Baylor College of Medicine	Houston	TX
Mark A. Deeg, MD, PhD	Biochemistry, adult endocrinology, molecular, cellular, and biochemical aspects of diabetes, macrovascular/cardiovascular/lipids	Eli Lilly & Co.	Indianapolis	IN
Nikhil V Dhurandhar, PhD	Obesity, Clinical treatment / management of obesity, Animal models of obesity, Adipose tissue metabolism, Adipocyte differentiation and metabolism, Infection and obesity or infection and diabetes.	Pennington Biomedical Research Center	Baton Rouge	LA
Sabrina Diano, PhD	Hypothalamic mechanisms relating to the regulation of metabolism, circulating hormones, such as leptin, ghrelin, insulin and thyroid hormones and neurons of the melanocortin system that express uncoupling proteins	Yale University School of Medicine	New Haven	CT

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Michael Edward DiSanto, PhD	Smooth muscle function/dysfunction (vascular and visceral). Urological complications of diabetes including the effects of diabetes on bladder function & erectile dysfunction.	Albert Einstein College of Medicine	Bronx	NY
Rick T. Dobrowsky, PhD	Diabetes complications and exercise physiology: Molecular and genetic approaches in diabetic neuropathy, Neuregulin signaling and Schwann cell biology, Proteomics, Mitochondrial glucotoxicity and oxidative stress.	The University of Kansas Center for Research Inc.	Lawrence	KS
Danielle Symons Downs, PhD	Psychologist in kinesiology at the interface of activity, exercise, diabetes, obesity; interested in gestational diabetes and physical activity.	Penn State University College of Medicine	Hershey	PA
Peter Drain, PhD	Insulin secretion, islet and beta cell biology in diabetes and transplantation, ATP-sensitive potassium (K-ATP) channel gating by ATP, MgADP, by sulfonylureas, and potassium channel openers, and techniques	University of Pittsburgh	Pittsburgh	PA
Jannette Marie Dufour, PhD	Immune privilege sites, Sertoli cells, islet isolation and transplantation, xenotransplantation, allotransplantation, gene therapy and beta cell replacement therapy	Texas Tech University Health Sciences Center	Lubbock	TX
Azza Bahram El-Remessy, PhD	Oxidative stress: sources and antioxidant defense, Retinopathy, Retinal neurodegeneration, Vascular permeability, Angiogenesis, Growth factor cell signaling: VEGF and NGF, Apoptosis.	Medical College of Georgia Research Institute, Inc.	Augusta	GA
Yuchang Fu, Ph.D.	Adiponectin and adiponectin receptors, Adipocyte Lipid Binding Protein (ALBP), PPAR nuclear receptors.	University of Alabama at Birmingham	Birmingham	AL

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Adolfo Garcia-Ocana, PhD	Pancreatic beta cell biology	University of Pittsburgh	Pittsburgh	PA
Thomas W. Gettys, PhD	Signal transduction (non-insulin action), obesity	Pennington Biomedical Research Center	Baton Rouge	LA
Nick Giannoukakis, Ph.D.	Gene therapy for T1/T2, Dendritic cell immunology and dendritic cell-based therapies for T1, Stem cell therapy for T1, Gene and cell-based approaches for facilitating allogeneic and xenogeneic islet transplantation	Children's Hospital of Pittsburgh	Pittsburgh	PA
Deborah J Good, Ph.D.	Transcriptional regulation/transcription factors, Neuroendocrine regulation of body weight, Genetics.	Virginia Polytechnic Institute and State University	Blacksburg	VA
Bret Goodpaster, PhD	Skeletal muscle energy metabolism, Skeletal muscle insulin resistance, Body composition, Exercise.	University of Pittsburgh	Pittsburgh	PA
Michael J Haller, M.D.	Type 1: Pediatrics, Immunology, Immunotherapies, Prevention and Reversal.	University of Florida	Gainesville	FL
Michael A. Harris, PhD	Psychosocial and behavioral interventions	Oregon Health & Science University	Portland	OR
M. Elizabeth Hartnett, MD	Retinopathy	The University of North Carolina at Chapel Hill	Chapel Hill	NC
Meredith Ann Marguerite Hawkins, MD	Endocrinology	Albert Einstein College of Medicine	Bronx	NY

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Erik J. Henriksen, PhD	insulin action, adipocyte biology and adipokines: Regulation of glucose transport in muscle by insulin and contractions, Role of glycogen synthase kinase-3 in the etiology of skeletal muscle insulin resistance, Role of oxidative stress in the development of defective insulin signaling and glucose transport in skeletal muscle, Pharmaceutical and nutraceutical interventions for the treatment of insulin resistance of skeletal muscle glucose transport, Adaptive responses of carbohydrate and protein metabolism in muscle to exercise training.	University of Arizona	Tucson	AZ
Felicia Hill-Briggs, PhD	Health Psychology and Neuropsychology	Johns Hopkins University	Baltimore	MD
Susanna Maria Hofmann, M.D.	Rodent physiology, Lipid metabolism (apolipoprotein), Cardiovascular complications, Diet induced obesity, Insulin resistance, and diabetes (LRP-1, apolipoprotein E, apolipoprotein AI, thiamine transporter, advanced glycation end products), CNS regulation of cholesterol and triglyceride metabolism (ghrelin, melanocortin system).	University of Cincinnati	Cincinnati	OH
John E. Hokanson, PhD	Genetic Epidemiology, Cardiovascular Disease Epidemiology, T1 Diabetes, Coronary Calcification, Lipoprotein metabolism and novel lipid risk factors, Triglyceride, Pleiotrophy in the etiology of complex diseases.	University of Colorado, Denver	Denver	
George Gilbert Holz, PhD	Integrated physiology, GLP-1, GIP and other gut hormones, islet biology, calcium signaling, hormone secretion, and exocytosis	State University of New York Upstate Medical University	Syracuse	NY

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Korey K Hood, Ph.D.	Promotion of treatment adherence and self-management in T1/T2, Psychological factors (depression, anxiety, communication and conflict) associated with diabetes and diabetes management, Pediatric T1, Treatment outcome research.	Cincinnati Children's Hospital Medical Center	Cincinnati	OH
Tamas Laszlo Horvath, DVM, PhD	Neurology	Yale University School of Medicine	New Haven	CT
Rebecca L Hull-Meichle, PhD	Mechanisms of β -cell failure in type 2 diabetes, 1. Islet amyloid formation and IAPP toxicity, Proteoglycans and islet function	VA Puget Sound AND The University of Washington	Seattle	WA
Matthew W. Hulver, PhD	Skeletal muscle fatty acid metabolism, Insulin signaling, Mitochondrial biogenesis, Metabolic effects of exercise, Metabolic effects of calories restriction, Metabolic effects of adiponection, Skeletal muscle substrate metabolism.	Virginia Polytechnic Institute and State University	Blacksburg	VA
Christopher P Jenkinson, Ph.D.	Genetics	The University of Texas Health Science Center at San Antonio	San Antonio	TX
Thomas L. Jetton, PhD	Biology of tissues that regulate glucose homeostasis and pancreatic b cell growth and regeneration	University of Vermont	Burlington	VT
Ulupi Jhala, Ph.D.	Transcriptional regulation, transcription factors and chromatin remodelling, cell signaling, phosphorylation and kinases, beta cell biology.	University of California at San Diego	La Jolla	CA
Ishwarlal Jialal, MD, PhD	Macrovascular, complications, inflammation, dyslipidemia and oxidative stress.	The University of California Davis Medical Center	Sacramento	CA

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Steven Paul Jones, PhD	Mechanisms of acute myocardial ischemia-reperfusion injury, Mouse models of heart failure, Mitochondrial-control of cell death/survival, O-GlcNAc signaling.	University of Louisville	Louisville	KY
Kamyar Kalantar-Zadeh, MD, MPH, PhD	Epidemiology, Diabetes in CKD and ESRD, Obesity, Bone disease.	Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center	Torrance	CA
Laurence Kennedy, MD, FRCP	Endocrinology, type 2 clinical trials, and diabetes complications	University of Florida	Gainesville	FL
Robert A Kesterson, Ph.D.	CNS control of energy balance , Melanocortin signaling, Transgenic mouse models of disease, Steroid receptor gene regulation	University of Alabama at Birmingham	Birmingham	AL
Christopher G. Kevil, PhD	Inflammation and vascular disease and diabetes and autoimmunity.	Louisiana State University Health Sciences Center New Orleans	New Orleans	LA
Jane Khoury, Ph.D.	Epidemiology, Biostatistics, Pregnancy.	Cincinnati Children's Hospital Medical Center	Cincinnati	OH
Jeonga Kim, Ph.D.	Insulin resistance, Insulin signaling, Inflammation, Vascular biology, Cardiovascular complications.	University of Missouri-Columbia	Columbia	MO
Young-Bum Kim, PhD	Molecular mechanism of Insulin Resistance, Pathogenesis of Type 2 diabetes and obesity, Insulin Signaling Pathway, Insulin action, glucose transport, leptin action and signaling	Beth Israel Deaconess Medical Center	Boston	MA
Rohit N. Kulkarni, MD, PhD	Insulin signaling and secretion	Joslin Diabetes Center	Boston	MA

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Jake Alden Kushner, M.D.	Cell cycle regulation of islet growth, beta cell replication, regeneration, and beta cell progenitors	Children's Hospital of Philadelphia	Philadelphia	PA
Madan M. Kwatra, PhD	Cell signaling, G protein-coupled receptors, cross-talk between insulin and G protein-coupled receptors, proteomics, biomarkers, effect of diabetes on heart biochemisrty, and diabetes and surgical outcomes	Duke University Medical Center	Durham	NC
Javier La Fontaine, DPM, MS	Charcot arthropathy, Neuropathy, Diabetic foot infection, Wound management, Vascular disease, Epidemiology	Texas A&M Health Science Center	Temple	TX
Kathryn Griffin Lamping, PhD	Regulation of vascular reactivity, effects of gender and diabetes, nitric oxide and rho/rho-kinase	The University of Iowa	Iowa City	IA
Adam Scott Landsman, Ph.D., DPM	Etiology and Treatment of Foot Ulcers (including cellular trauma and function, off-loading, biomechanics), neuropathy, Neuroarthropathy, and Reconstructive surgical treatment of the foot in patients with diabetes-related deformities.	Beth Israel Deaconess Medical Center	Boston	MA
Alex Lange, Ph.D.	Carbohydrate (Glucose and Fructose), metabolism, Hepatic glucose output, Glucose sensing, Regulation of glycolysis, Regulation of gluconeogenesis, Enzymes of hepatic carbohydrate metabolism: glucokinase (liver and islet), 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase (all isoforms), and glucose-6-phosphatase	University of Minnesota	Minneapolis	MN
Lawrence A. Lavery, DPM, MPH	Podiatry, epidemiology, and wound healing	Scott and White Hospital	Temple	TX

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Jean Marie Lawrence, ScD	Gestational diabetes; epidemiology, type 1 diabetes and pediatric diabetes, diabetic pregnancy, behavioral, psychosocial.	Kaiser Foundation Research Institute	Pasadena	CA
Chih-Hao Lee, PhD	Nuclear receptor biology, inflammation, insulin signaling, metabolic regulation, macrophage and adipocyte interaction, liver function and transcriptional regulation.	Harvard University School of Public Health	Boston	MA
Colin Anthony Leech, PhD	Ion channels, G-protein coupled receptors, and calcium signaling	State University of New York Upstate Medical University	Syracuse	NY
Ji Li, Ph.D.	Signal Transduction, Integrated Physiology, Gene Expression, Insulin Action, Muscle metabolism, Complications- Macrovascular-Atherosclerotic CVD, T1 Genetics, Immunology.	University of Wyoming	Laramie	WY
Jiandie Lin, PhD	Hepatic glucose and lipid metabolism, Hepatic steatosis, Transcriptional regulation of metabolic gene expression, Circadian clock and metabolism, Mitochondrial function.	University of Michigan	Ann Arbor	MI
Ye Qi Liu, MD, PhD	Beta cell, Islet biology.	Louisiana State University Health Sciences Center New Orleans	New Orleans	LA
Zhenqi Liu, MD	Insulin resistance, endothelial dysfunction, and cardiovascular complications of diabetes.	University of Virginia	Charlottesville	VA
Feng Liu, PhD	Insulin signaling and regulation, insulin resistance, and aging	The University of Texas Health Science Center at San Antonio	San Antonio	TX

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Chih-Pin Liu, PhD	T1 diabetes. Role of T cells and innate immune cells, Molecular and cellular mechanisms, Bioluminescent imaging and 2-photon microscopic imaging to monitor in vivo, Use of regulatory T cells, Islet graft rejection.	City of Hope, Beckman Research Institute	Duarte	CA
Dongmin Liu, Ph.D	Islet beta cell biology, Vascular complications, Lipid metabolism, Nutrition.	Virginia Polytechnic Institute and State University	Blacksburg	VA
Xinliang Ma, MD, PhD	Role of reactive nitrogen species in cardiovascular diseases; Role of MAPK in cardiovascular disease. Role of apoptosis in cardiovascular disease.	Thomas Jefferson University	Philadelphia	PA
Daniel L Marks, M.D., PhD	Pediatric endocrinology (childhood obesity and insulin resistance).	Oregon Health & Science University	Portland	OR
Corby K. Martin, Ph.D.	Clinical Psychology, Eating Disorders leading to obesity.	Pennington Biomedical Research Center	Baton Rouge	LA
Lisa Martin, PhD	Genetics	Cincinnati Children's Hospital Medical Center	Cincinnati	OH
Douglas Gene Mashek, PhD	Fatty acid metabolism in general Hepatic energy metabolism, transcriptional control of energy metabolism, dietary fat, nutritional biochemistry.	University of Minnesota	Minneapolis	MN
Kieren James Mather, MD	Vascular, endothelium, vascular metabolism, and atherosclerosis	Indiana University	Indianapolis	IN
Clayton E. Mathews, PhD	Immunology, Genetics, Transplantation, Mitochondrial Function	University of Florida	Gainesville	FL

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Laura R. McCabe, PhD	Bone (osteoblasts, osteoclasts, physiology, molecular biology), Gastrointestinal System (gut inflammation, motility, physiology of entire GI tract), Apoptosis; cell death, Hypoxia, Anti-inflammatory therapies, AP-1 transcription factors, Parathyroid hormone, Leptin.	Michigan State University	East Lansing	MI
Janet B McGill, M.D.	Clinical: Diabetes complications (retinopathy and nephropathy), Heart disease, Autoimmunity and diabetes	Washington University in St. Louis	St. Louis	MO
Dr. Rajnish Mehrotra, MD	Clinical	Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center	Torrance	CA
Susanne Mohr, PhD	Diabetic retinopathy, retinal Mueller and retinal endothelial cells, macrophages, inflammation, apoptosis, cytokines, caspases.	Case Western Reserve University	Cleveland	OH
Kelle Harbert Moley, MD	Diabetic pregnancy, Reproductive endocrinology, Glucose transport Biology, Developmental Biology	Washington University in St. Louis	St. Louis	MO
Mark E Molitch, M.D.	Diabetic nephropathy, Intensive insulin therapy, Inpatient diabetes management.	Children's Memorial Hospital, Northwestern University Feinberg School of Medicine		

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Nuria Morral, PhD	Physiology: Effects of nutrients on gene expression, Transcription factor regulation of gene expression and metabolism, Animal models of disease (fructose-fed animal models; genetic models of Type 2 Diabetes such as ob/ob or db/db mice; high fat-fed animal models; streptozotocin-induced Type 1 Diabetes), Liver metabolism (de novo lipogenesis, triglyceride secretion, gluconeogenesis, glycolysis). Genetics: Gene transfer, MicroRNA biology.	Indiana University School of Medicine	Indianapolis	MN
Ranganath Muniyappa, M.D., PhD	Clinical Diabetes and Therapeutics, Vascular Biology/Endothelial function, Insulin signaling/action, Translational Research, Functional Foods/Dietary supplements, Hypertension.	NCCAM, NIH	Bethesda	MD
Jerry L Nadler, MD	Cardiovascular complications (basic and clinical aspects) and inflammatory and immune pathways that lead to beta cell dysfunction or cell death (type 1 or type 2). Adipocytes and inflammation.	Eastern Virginia Medical School	Norfolk	VA
Ramachandra G Naik, M.D.	Immune Interventions in T1 Diabetes, Late-onset T1 Diabetes, Continuous Glucose Monitoring (CGM).	Barbara Davis Center for Childhood Diabetes, University of Colorado Health Sciences Center	Aurora	CO
K.M. Venkat Narayan, M.D., MSc, MBA	Epidemiology	Emory University School of Medicine	Atlanta	GA
Susanne Bernadette Nicholas, MD, PhD.	Pathophysiologic mechanisms of diabetic nephropathy: Inflammation in diabetic nephropathy: Signal transduction in diabetic nephropathy, Integrin function in chronic kidney disease, PPAR-gamma in chronic kidney disease, Health disparities in chronic kidney disease.	University of California, Los Angeles	Los Angeles	CA

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Lawrence Karl Olson, PhD	Insulin synthesis/secretion, pancreatic beta cells, gene expression, cell proliferation, and lipogenesis, β cell differentiation, gene expression and islet failure in type II diabetes	Michigan State University	East Lansing	MI
Sabire Ozcan, PhD	Glucose metabolism with focus on pancreatic beta cells, in glucose regulation of insulin gene transcription, and in role of the hexosamine pathway (O-linked GlcNAc modification) in regulating beta-cell function	University of Kentucky, College of Medicine	Lexington	KY
Mary Elizabeth Patti, MD	Genomic analysis in type 2 diabetes, insulin resistance and oxidative metabolism in skeletal muscle	Joslin Diabetes Center	Boston	MA
Gretchen A Piatt, CHES, MPH, PhD	Epidemiology, Diabetes Education, Health systems and healthcare delivery, Behavioral and psychosocial interventions.	University of Pittsburgh	Pittsburgh	PA
Jon D. Piganelli, PhD	Inflammatory mediated autoimmune disease, Immunology	Children's Hospital of Pittsburgh	Pittsburgh	PA
Michael Polydefkis, MD, MHS	Neurosurgery/Cerebrovascular	Johns Hopkins University	Baltimore	MD
Michael J. Quon, MD, PhD	Macrovascular/cardiovascular, vascular biology, signal transduction, and insulin	NCCAM, NIH	Bethesda	MD
Judith G. Regensteiner, PhD	CVD, exercise, peripheral vascular disease, insulin resistance, fatty acid metabolism, gender and diabetes, and endothelial function	University of Colorado Health Sciences Center	Aurora	CO
Jun Ren, PhD	Cardiovascular/basic science.	University of Wyoming	Laramie	WY
Henry Rodriguez, M.D.	Type 1 diabetes and pediatric diabetes	James Whitcomb Riley Hospital for Children	Indianapolis	IN

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Michael W. Roe, PhD	Pancreatic beta cell physiology and pathophysiology, real-time fluorescence imaging, genetically encoded biosensor technology, intracellular signal transduction (calcium, cAMP, intra-organelle signaling dynamics and regulation), and cell death signaling.	State University of New York Upstate Medical University	Syracuse	NY
Liangyou Rui, PhD	Cell signaling, insulin resistance and obesity	University of Michigan	Ann Arbor	MI
Kendra Pauline Rumbaugh, PhD	Wound care and Wound Healing, Chronic wounds, Bacterial Infections or Bacterial Pathogenesis, Biofilms	Texas Tech University Health Sciences Center	Lubbock	TX
James William Russell, MD	Diabetic neuropathy, Central nervous system complications, Vascular complications	University of Maryland Baltimore	Baltimore	MD
Jared Paul Rutter, PhD	Signal Transduction, Protein Phosphorylation, Nutrient Sensing, Mitochondria.	University of Utah	Salt Lake City	UT
Darleen Sandoval, Ph.D.	CNS control of glucose homeostasis, Hypoglycemia, Sexual dimorphism.	University of Cincinnati	Cincinnati	OH
Gary Schwartz, Ph.D.	Endocrinology; Neuroscience	Albert Einstein College of Medicine	Bronx	NY
Donald K. Scott, PhD	Nutrient regulation of gene expression, Chromatin remodeling, Glucose metabolism, Liver function, Beta cell function.	University of Pittsburgh	Pittsburgh	PA
Jianhua Shao, PhD	Adipokine expression and signaling	University of Kentucky, College of Medicine	Lexington	KY
Surendra Sharma, PhD	Immunology, cytokines, inflammation, immunobiology of pregnancy, transcription factors, and apoptosis	Women & Infants Hospital of Rhode Island	Providence	RI

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Arun J. Sharma, PhD	Beta cell gene transcription	Joslin Diabetes Center	Boston	MA
Nader Sheibani, PhD	Retinal vascular development, neovascularization, vascular cell biology, and diabetic retinopathy.	University of Wisconsin-Madison	Madison	WI
Rebecca Anne Simmons, MD	Diabetic pregnancy, programming of diabetes in the offspring following uteroplacental insufficiency.	University of Pennsylvania	Philadelphia	PA
John Singleton, M.D.	Peripheral nerve physiology, biology and measurement, and peripheral nerve and muscle disease	Univeristy of Utah	Salt Lake City	UT
A Gordon Smith, MD	Peripheral neuropathy	University of Utah	Salt Lake City	UT
Helmut Otto Steinberg, MD	Endocrinology	Merck and Co.	Rahway	NJ
Philip R Streeter, Ph.D.	Stem/progenitor cell biology and cellular therapies, Hematopoietic and immune reconstitution, Immunobiology.	Oregon Health Sciences University	Portland	OR
Lori Sussel, PhD	Beta Cell Biology: Developmental biology of the pancreas, Transcriptional regulation of islet differentiation and development, Stem cell differentiation.	Columbia University College of Physicians & Surgeons	New York	NY
Katalin Susztak, MD, PhD	Kidney disorders, Nephropathy, Complications (T1/T2), Signal transduction, Epigenetics, Genomics, gene expression and signaling, Podocyte and epithelial cell biology, Apoptosis and cell death, Reactive oxygen species, Development of fibrosis, Wnt and Notch signaling.	Albert Einstein College of Medicine	Bronx	NY

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Ian R. Sweet, PhD	Islet function and dysfunction in Type 2 diabetes, Role of calcium in mediating insulin secretion, Beta cell imaging, Quality assessment of islets in islet transplantation, Islet encapsulation for transplantation, Mitochondrial function, Glucose metabolism, Glucokinase, Control of insulin secretion.	University of Washington	Seattle	WA
Carole Sztalryd, PhD	Obesity, characterization of lipid, adipose tissue	University of Maryland Baltimore	Baltimore	MD
Dean Tantin, Ph.D.	Mammalian transcription factors/transcriptional regulation, Regulation of core metabolism, Somatic stem cells, Cancer stem cells, Cancer metabolism, Embryonic stem cells and iPS cells.	University of Utah	Salt Lake City	UT
Ya-Xiong Tao, Ph.D.	Obesity, G protein-coupled receptors, Signal transduction.	Auburn University	Auburn	AL
Melissa K. Thomas, MD, PhD	Pancreatic beta-cell biology, transcriptional regulation, coactivator function, age-dependent changes in beta-cell function, regulation of insulin production, beta-cell proliferation, and beta-cell apoptosis	Massachusetts General Hospital	Boston	MA
Matthias H Tschöp, MD	Obesity, diabetes and metabolism research	University of Cincinnati Medical Center	Cincinnati	OH
Yu-Hua Tseng, PhD	Obesity, Adipocyte biology, Physiology, Insulin signaling.	Joslin Diabetes Center	Boston	MA
Andrew Tsin, Ph.D.	Cell biology of the eye, retinopathy, angiogenic, retinoid metabolism, visual cycle enzymes, cone visual pigment biosynthesis	The University of Texas Health Science Center at San Antonio	San Antonio	TX

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Guillermo E. Umpierrez, MD	Clinical research - diabetes and metabolic disorders, nutrition, obesity, and metabolic syndrome	Emory University School of Medicine	Atlanta	GA
Fumihiko Urano, MD	Beta cell biology, Islet transplantation, Insulin biosynthesis and secretion, Beta cell apoptosis, Beta Cell survival and proliferation, Beta cell death in type 1 diabetes, Beta cell dysfunction in type 2 diabetes, Wolfram syndrome, Glucose toxicity, Lipotoxicity.	University of Massachusetts Medical School	Worcester	MA
Rupangi C. Vasavada, PhD	Islet Biology. Beta cell growth factors, beta cell proliferation, survival, and regeneration, beta cell signaling, and islet transplants.	University of Pittsburgh	Pittsburgh	PA
Andrea M Vincent, PhD	Neuropathy	University of Michigan	Ann Arbor	MI
Aaron I. Vinik, MD, PhD	Neuropathy, islet cell regeneration	Eastern Virginia Medical School	Norfolk	VA
David H. Wagner, PhD	Type 1 diabetes, T cell development, T cell involvement in T1D, T cell tolerance, Apoptosis, Islet regeneration, Regulatory T cells, Auto-Aggressive T cells, Th17 cells, Th1 cells, Inflammation, Cytokines.	Webb-Waring Institute/University of Colorado Health Sciences Center	Denver	CO
Shannon Margaret Wallet, PhD	Innate immune mechanisms, T cell immunology, Immunoregulation, Immunotherapy, miRNA	University of Florida	Gainesville	FL
Richard M. Watanabe, PhD	Genetics of type 2 diabetes and obesity, metabolism, epidemiology, statistics	University of Southern California	Los Angeles	CA
Amy Susan Weinmann, Ph.D.	Gene expression, transcription, immunology, and chromatin.	University of Washington School of Medicine	Seattle	WA
Gordon Campbell Weir, MD	Islet biology, islet transplantation, islet regeneration, glucagon secretion	Joslin Diabetes Center	Boston	MA

Name	Areas of expertise	Organization Name	Organization City	Organization State
Li Wen, MD, PhD	Immunology	Yale University School of Medicine	New Haven	CT
John W Wiley, MD	Cellular mechanisms in diabetic neuropathy.	University of Michigan	Ann Arbor	MI
Linda Ann Wray, Ph.D.	Lifespan developmental perspective and behavior change theories, Mixed methods, Middle-aged and older adults, Effects of personal health behaviors on diabetes onset and management, Effects of social environment (e.g., sex, social status, social support) on diabetes onset and management, Effects of diabetes on cognitive aging.	The Pennsylvania State University	University Park	PA
James Wrobel, DPM, MS	Health services research, clinical epidemiology and biomechanics of the diabetic foot	Rosalind Franklin University of Medicine and Science	North Chicago	IL
Yong Xia, M.D.	Nitric oxide synthase, oxidative stress, endothelial dysfunction, free radical, endothelium, signal transduction, hyperglycemia, cardiovascular injury.	Ohio State University Medical Center	Columbus	OH
Deborah Young-Hyman, PhD	Pediatric psychology, type 1 and type 2 diabetes.	Medical College of Georgia	Augusta	GA
Janice Christine Zgibor, PhD	Diabetes complications, health care delivery, health services, and diabetes and renal disease.	University of Pittsburgh	Pittsburgh	PA