Membership Roster  
Diabetes Research Center - Baylor College of Medicine

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| **DRC Biomedical Research Base Areas of Interest** | | | | | |
| **Last Name** | **First Name** | **Degree** | **Interest Group** | **Department** | **Research Interest** |
| Aagaard | M.D., Ph.D. |  |  | Obstetrics & Gynecology |  |
| Bacha | Fida | M.D. |  | Pediatrics |  |
| Bajaj | Mandeep | M.D. | Clinical Diabetes, Metabolism & Nutrition | Medicine | Type 2 Diabetes |
| Balasubramanyam | Ashok | M.D. | Clinical Diabetes, Metabolism & Nutrition, Biology & Physiology of Diabetes | Medicine | Lipodystrophy, Diabetes |
| Ballabio | Andrea | M.D. |  | Molecular & Human Genetics |  |
| Ballantyne | Christie M. | M.D. | Clinical Diabetes, Metabolism & Nutrition, Biology & Physiology of Diabetes | Medicine | Diabetes Complications, Lipoprotein / Atherosclerosis |
| Baranowski | Thomas | Ph.D. |  | Pediatrics |  |
| Bayle | Joseph H. | Ph.D. |  | Molecular & Physiology |  |
| Bondy | Melissa L. | Ph.D. |  | Duncan Cancer Center |  |
| Brown | Chester | M.D., Ph.D. | Adipogenesis / Energy Metabolism | Molecular & Human Genetics | Gdf3 in Adipogenesis |
| Butte | Nancy F. | Ph.D. | Clinical Diabetes, Metabolism & Nutrition | Pediatrics | Childhood Obesity |
| Chan | Lawrence | D.Sc. / M.B.B.S. | Biology & Physiology of Diabetes, Molecular Endocrinology, Adipogenesis / Energy Metabolism | Medicine / MCB | Induced Islet Neogenesis, ChREBP Action, Lipid Droplet Proteins |
| Chang | Benny Hung-Junn | Ph.D. |  | MCB |  |
| Chen | Changyi Johnny | M.D., Ph.D. | Biology & Physiology of Diabetes | Surgery and MCB | adipokines, oxidative stress |
| Chen | Miao-Hsueh | Ph.D. | Clinical Diabetes, Metabolism & Nutrition; Adipogenesis / Energy Metabolism | Pediatrics | Hedgehog signaling and Adipogenesis |
| Chen | Wenhao | Ph.D. | Biology & Physiology of Diabetes | Medicine | T cell tolerance; immunotherapy |
| Conneely | Orla M | Ph.D. |  | MCB |  |
| Couroucli | Xanthi I | M.D. |  | Pediatrics |  |
| Craigen | William James | M.D., Ph.D. | Biology & Physiology of Diabetes; Adipogenesis/ Energy Metabolism | Molecular and Human Genetics | The role of mitochondria in glucose and energy metabolism |
| Cullen | Karen W | Ph.D. |  | Pediatrics | Child and family nutrition education interventions. |
| Dacso | Clifford C | M.D. |  | MCB |  |
| Danesh | Farhad R. | M.D. | Biology & Physiology of Diabetes; Adipogenesis/ Energy Metabolism | Medicine | Diabetic nephropathy, mitochondria |
| Dave | Jayna Markand | M.D. |  | Pediatrics |  |
| DeMayo | Francesco J. | Ph.D. | Molecular Endocrinology, Adipogenesis / Energy Metabolism | MCB | Nuclear Receptor, Uterus, SRCs and Metabolism |
| Devaraj | Sridevi | Ph.D. | Clinical Diabetes, Metaabolism & Nutrition; Molecular Endocrinology | Pathology | Type 1 and Type 2 diabetes complications, Macrophage and Adipose Biology, Inflammation and Oxidative Stress, Nutritional Modulation, Molecular Mechanisms of Diabetic Complications |
| Dickinson | Mary | Ph.D. | Biology & Physiology of Diabetes | Molecular Physiology & Biophysics | Diabetic Embryopathy |
| Edwards | Dean | Ph.D. | Molecular Endocrinology | MCB | Progesterone Receptor |
| Feng | Qin | Ph.D. | Molecular Endocrinology | MCB | Histone Methyltransferases and Metabolism |
| Feng | Xin-Hua | Ph.D. | Molecular Endocrinology; Biology & Physiology of Diabetes | Surgery & MCB | Mechanisms and Functions of Cell Signaling |
| Foreyt | John P. | Ph.D. | Clinical Diabetes, Metabolism & Nutrition | Medicine | Obesity |
| Fu | Loning | Ph.D. | Molecular Endocrinology, Adipogenesis/Energy Metabolism | Pediatrics | Circadian Homeostasis of Energy Balance, Leptin, and Nuclear receptors. |
| Fukuda | Makoto | Ph.D. |  | Pediatrics |  |
| Garcia | Jose M. | M.D. | Molecular Endocrinology; Adipogenesis/Energy Metabolism | Medicine | Cachexia, growth hormone, ghrelin, testosterone and anabolic therapies |
| Graham | Brett H. | M.D., Ph.D. | Clinical Diabetes, Metabolism & Nutrition; Adipogenesis/Energy Metabolism | Molecular and Human Genetics | TCA cycle, OXPHOX, and animal models of mitochondrial energy metabolism dysfunction. |
| Guan | Xinfu | Ph.D. | Biology & Physiology of Diabetes, Adipogenesis / Energy Metabolism | Pediatrics | Nutrition, GLP-2 Action, Role of GRP39-Obestation |
| Hamilton | Susan L. | Ph.D. |  | Molecular Physiology & Biophys |  |
| Haymond | Morey W. | M.D. | Clinical Diabetes, Metabolism & Nutrition | Pediatrics | Substrate Homeostasis |
| He | Bin | Ph.D. | Molecular Endocrinology | MCB | Androgens and Androgen Receptor |
| Hughes | Sheryl O. | Ph.D. |  | Pediatrics |  |
| Jahoor | Farook | Ph.D. | Clinical Diabetes, Metabolism & Nutrition | Pediatrics | Oxidative Stress, Obesity |
| Justice | Monica J. | Ph.D. |  | Molecular and Human Genetics |  |
| Kao | Christina Chen-Yu | M.D., Ph.D. |  | Medicine |  |
| Kusher | Jake A. | M.D. | Biology and physiology of Diabetes | Pediatrics | Beta cell regeneration. Beta cell function. Islet physiology. Developmental biology of the endocrine pancreas. Aging. Type 1 diabetes. |
| Lagor | William R. | Ph.D. |  | Molecular Physiology |  |
| Lee | Brendan HL | M.D., Ph.D. | Clinical Diabetes, Metabolism & Nutrition | Molecular & Human Genetics | Urea cycle enzymes and nitric oxide metabolism |
| Li | Xiaotao | MD., Ph.D. | Molecular Endocrinology; Adipogenesis/ Energy Metabolism | MCB | REGgamma progeasome mediated ubiquitin-independent protein degradation; protein stability and lipid metabolism; insulin sensitivity. |
| Liu | Dan | Ph.D. |  | Biochemistry |  |
| Lloyd | Richard E. | Ph.D. | Biology & Physiology of Diabetes | Virol & Micro | T1D microbiome, T1D viral etiology |
| Lupski | James R. | M.D., Ph.D. |  | Molecular & Human Genetics |  |
| Lydon | John P. | Ph.D. |  | MCB |  |
| Mancini | Michael A. | Ph.D. | Molecular Endocrinology | MCB | Nuclear Receptor in Single Cells |
| Marcelli | Marco | M.D. | Molecular Endocrinology | Medicine | Androgens |
| Mendoza | Jason A. | M.D. | Clinical Diabetes, Metabolism & Nutrition | Pediatrics | Diabetes and obesity prevention and treatment |
| Mitch | William E. | M.D. | Biology & Physiology of Diabetes | Medicine | Kidney & Muscle in Diabetes |
| [Mitsiades](http://www.bcm.edu/medicine/mitsiadeslab/) | Nicholas | M.D., PhD | Molecular Endocrinology; Adipogenesis/Energy Metabolism | Medicine | Nuclear hormone receptors and their coactivators; prostate cancer; cancer cell metabolism; anticancer activity of metformin and statins. |
| Moore | David | Ph.D. | Molecular Endocrinology, Adipogenesis / Energy Metabolism | MCB | Nuclear Receptor, Coactivators & Obesity |
| Morrisett | Joel D. | Ph.D. | Clinical Diabetes, Metabolism & Nutrition | Medicine | Complications |
| Naik | Aanand D. | M.D. | Clinical Diabetes, Metabolism & Nutrition; | Medicine | Behavioral and health services research |
| Nicklas | Theresa A. | Ph.D. |  | Pediatrics |  |
| O'Connor | Teresia M. | M.D. | Clinical Diabetes, Metabolism & Nutrition | Pediatrics | Obesity prevention and treatment in young children |
| O'Malley | Bert W. | M.D. | Molecular Endocrinology, Adipogenesis / Energy Metabolism | MCB | Steroid Receptor, SRCs and Adipogenesis |
| Oka | Kazuhiro | Ph.D. |  | MCB |  |
| Osborne | C. Kent | M.D. | Molecular Endocrinology | Breast Center | Nuclear Receptor Coregulator |
| Pautler | Robia G. | Ph.D. | Biology & Physiology of Diabetes, Adipogenesis/Energy Metabolism | Molecular Physiology | Magnetic Resonance Imaging; Nanotechnology; Fatty liver disease; Aging; Diabetes |
| Pavlik | Valory N. | Ph.D. | Clinical Diabetes, Metabolism & Nutrition | Family & Community Medicine | Behavior & Diabetes |
| Petersen | Laura A. | M.D. | Clinical Diabetes | Medicine | Diabetes clinical outcomes; quality of diabetes care and risk factor management |
| Petrosino | Joseph | Ph.D. |  | Virol & Micro |  |
| Qin | Jun | Ph.D. | Molecular Endocrinology | Biochemistry | Nuclear Receptor |
| Richards | Joanne S. | Ph.D. | Molecular Endocrinology | MCB | Peptide Hormones |
| Rosen | Jeffrey M. | Ph.D. | Molecular Endocrinology | MCB | Hormones & Breast Cancer |
| Saha | Pradip | Ph.D. |  | MCB |  |
| Sahin | Ergun | M.D., Ph.D. |  | Huffington Center On Aging |  |
| Samson | Susan L. | M.D., Ph.D., BSc. | Diabetes, Endocrinology & Metabolism | Medicine | Diabetes/ Beta Cell Function |
| Sekhar | Rajagopal Viswanath | M.D., B.S. | Clinical Diabetes, Metabolism & Nutrition | Medicine | Oxidative Stress, HIV Lipodystrophy |
| Shaw | Chad A. | Ph.D. |  | Molecular & Human Genetics |  |
| Sisley | Stephanie |  |  | Pediatrics-Nutrition |  |
| Smith | C. Wayne | M.D. | Biology & Physiology of Diabetes | Pediatrics | Inflammation |
| Smith | Carolyn L. | Ph.D. | Molecular Endocrinology | MCB | Steroid Receptor |
| Songyang | Zhou | Ph.D. |  | Biochemistry |  |
| Sreekumar | Arun | Ph.D. |  | MCB |  |
| Sun | Yuxiang | Ph.D. | Adipogenesis/Energy Metabolism, Biology & Physiology of Diabetes, Molecular Endocrinology | Pediatrics-Nutrition | Ghrelin, Thermogenesis, Adipose Macrophages, Nutrition & Metabolism |
| Thompson | Deborah I | Ph.D. | Clinical Diabetes, Metabolism & Nutrition | Pediatrics | Prevention of child obesity and related disease, such as type 2 diabetes through the adoption of healthy nutrition and physical activity behaviors |
| Tong | Qiang | Ph.D. | Biology & Physiology of Diabetes, Adipogenesis / Energy Metabolism | Pediatrics | Sirtuin, Adipogenesis, SIRTUINS in Adipocytes |
| Tsai | Ming-Jer | Ph.D. | Biology & Physiology of Diabetes, Molecular Endocrinology, Adipogenesis / Energy Metabolism | MCB, Medicine | COUP-TFII, B Cells, Adipogenesis, Steroid Receptor, COUP-TFII and Adipocytes |
| Tsai | Sophia Y. | Ph.D. | Biology & Physiology of Diabetes, Molecular Endocrinology, Adipogenesis / Energy Metabolism | MCB | COUP-TFII, Adipogenesis, Steroid Receptor, COUP-FFII and Adipocytes |
| Van Den Veyver | Ignatia B. | M.D. |  | Obstetrics & Gynecology |  |
| Wang | Meng | Ph.D. | Molecular Endocrinology, Adipogenesis / Energy Metabolism | Molecular and Human Genetics | Lipid metabolism, Aging |
| Wang | Yanlin | M.D., Ph.D. | Molecular Endocrinology | Medicine | Adiponectin, inflammation, macrophage polarization, fibrosis. |
| Waterland | Robert A. | Ph.D. | Biology & Physiology of Diabetes; Adipogenesis/Energy Metabolism | Pediatrics and Molecular & Human Genetics | Developmental epigenetics and human disease |
| Wehrens | Xander | Ph.D. | Biology & Physiology of Diabetes | Molecular Physiology & Biophysics | Beta Cell Regulation, Complications |
| Weigel | Nancy L. | Ph.D. | Molecular Endocrinology | MCB | Nuclear Receptor |
| White | Lisa | Ph.D. |  | Molecular & Human Genetics |  |
| Wong | Lee-Jun | Ph.D. |  | Molecular & Human Genetics |  |
| Wu | Huaizhu | M.D. | Biology & Physiology of Diabetes | Medicine | Obesity/Inflammation/Diabetes |
| Xu | Jianming | Ph.D. | Molecular Endocrinology, Adipogenesis/Energy Metabolism | MCB | Nuclear Receptor, SRCs and Obesity |
| Xu | Yong | M.D., Ph.D. | Molecular Endocrinology, Biology & Physiology of Diabetes, Adipogenesis/Energy Metabolism | Pediatrics | CNS Network Controlling Energy and Glucose Homeostasis |
| Yechoor | Vijay K. | M.D. | Biology & Physiology of Diabetes | Medicine | Gene Therapy of Diabetes |
| Zhang | Liping | Ph.D. | Clinical Diabetes, Metabolism & Nutrition; Biology & Physiology of Diabetes; Adipogenesis/Energy Metabolism | Medicine | Muscle insulin resistance; Adipogenesis |
| Zhang | Pumin | Ph.D. | Biology & Physiology of Diabetes, Adipogenesis/Energy Metabolism | Molecular Physiology & Biophysics | Hormonal Regulation on Energy Metabolism by the Hypothalamus |
| Zoghbi | Huda Y. | M.D. |  | Molecular & Human Genetics |  |