

CURRENT DRC MEMBERSHIP 2018

<u>MEMBER</u>	<u>DEPARTMENT</u>	<u>RESEARCH INTEREST</u>
1. Kevin Behar, PhD	Psychiatry	NMR spectroscopy & brain metabolism
2. Jeffrey Bender, MD	Medicine	Endothelial cell biology
3. Anton Bennett, PhD	Pharmacology	Cell signaling
4. Clemens Bergwitz, MD	Medicine (Endo)	Metabolic effects of phosphate
5. Joerg Bewersdorf, PhD	Cell Biology	Imaging
6. Jonathan Bogan, MD	Medicine (Endo)	Glucose transport
7. Alfred Bothwell, PhD	Immunobiology	Insulin regulated islet transplantation
8. James Boyer, MD	Medicine	Non-alcoholic fatty liver disease
9. Richard Bucala, MD, PhD	Medicine	Macrophage migration inhibitory factor in autoimmunity
10. Michael Caplan, MD, PhD	Mol&Cell Phys.	Cell membrane protein sorting and trafficking
11. Sonia Caprio, MD	Pedi (Endo)	Childhood obesity and insulin action in adolescence
12. Thomas Carpenter, MD	Pedi (Endo)	Vitamin D treatment effect on skeleton and immunity
13. Richard E. Carson, MD	Diag Radiology	PET Imaging: Neurotransmission
14. Eda Cengiz, MD	Pedi (Endo)	Insulin delivery systems
15. Gary Cline, PhD	Medicine (Endo)	Stable isotope methodology & islet biology
16. Daniel Colon-Ramos, PhD	Cell Bio&Neurosci	Energy demands and support of synaptic function
17. Todd Constable, PhD	Diagnostic Rad.	fMRI assessment of brain function
18. Chris Cotsapas, PhD	Immunobiology	Genetic factors during autoimmune diabetes
19. Joseph Craft, MD	Medicine (Rheum)	Autoimmunity/activation of CD4T effector cells
20. Peter Cresswell, PhD	Immunobiology	HLA immunogenetics
21. Craig Crews, PhD	MCDB	Development of molecules to increase insulin signaling
22. Renata de Aguiar, MD	Medicine (Endo)	Effect of glucose on brain reward circuits
23. Pietro DeCamilli, MD	Cell Biology	Vesicular trafficking
24. Sabrina Diano, MD	OB/Gyn	Obesity and thyroid hormones in brain
25. Marcelo Dietrich, MD, PhD	Comp. Med.	Hypothalamic regulation of metabolism
26. Ralph DiLeone, MD	Psychiatry	Effect of glucose, insulin and leptin on feeding
27. Vishwa Deep Dixit, PhD	Comp. Med.	Immune-metabolic interactions
28. James Dziura, PhD	Medicine	Study design and biostatistics
29. Tore Eid, MD, PhD	Lab Medicine	Glutamate and glutamine synthetase
30. Stephanie Eisenbarth, MD, PhD	Lab Med	Innate immunity
31. Tarek Fahmy, PhD	Biomed Eng.	Nanoparticles for targeting the immune system
32. Shawn Ferguson, PhD	Cell Biology	
33. Clare Flannery, MD	OB/Gyn	Hyperinsulinism and sex steroids
34. Richard Flavell, PhD	Immunobiology	Genetic models of diabetes
35. Jean-Dominique Gallezot	Diag. Radiology	PET Imaging of BAT
36. Andrew Goodman, PhD	Microbial Path.	Mechanisms used by gut microbiome
37. Margaret Grey, RN, PhD	Sch of Nursing	Childhood diabetes/behavioral issues
38. Shangqin Guo, PhD	Cell Biology	Stem cells
39. David Hafler, MD	Neurology	Autoimmune diseases
40. Kevan Herold, MD	Immunobiology	Prevention of type 1 diabetes
41. Raimund Herzog, MD	Medicine (Endo)	Brain fuel metabolism
42. Mark Hochstrasser, PhD	MB&B	Ubiquitin-like proteins in GLUT trafficking
43. Mark Horowitz, PhD	Orthopedics	Adipocyte remodeling
44. Valerie Horsley, PhD	MCDB	
45. Tamas Horvath, MD	Comparative Med.	Neurobiology and obesity
46. Yingqan Huang, MD, PhD	OB/Gyn	RNA elements
47. Janice Hwang, MD	Medicine (Endo)	Brain fuel metabolism in diabetes
48. Fahmeed Hyder, PhD	Diag. Radiology	Metabolic imaging and neurotransmission
49. Karl Insogna, MD	Medicine (Endo)	Hormonal control of bone metabolism
50. Silvio Inzucchi, MD	Medicine (Endo)	Treatment of Type 2 diabetes

51. Melinda Irwin, PhD,MPH	Sch of Pub Health	Biological effects of exercise and weight loss
52. Yasuko Iwakiri, PhD	Medicine (Dig Dis)	
53. Akiko Iwasaki, PhD	Immunobiology	Mucosal protective cellular and antibody immunity
54. Ania Jastreboff, MD	Medicine (Endo)	CNS regulation of food intake
55. Lihong Jiang, PhD	Diagnostic Radiology	Brain fuel metabolism
56. Elizabeth Jonas, MD	Medicine (Endo)	Hormonal effects on neuronal excitability
57. Danya Keene, PhD	Epidemiology	
58. Walter Kernan, MD	Medicine	Stroke and diabetes mellitus
58. Richard Kibbey, MD, PhD	Medicine (Endo)	Glucose stimulated insulin secretion
60. John Krystal, MD	Psychiatry	Brain function and neurotransmission
61. Harlan Krumholz, MD	Int. Med. (Cardiology)	Heart disease in diabetes
62. Ifat Levy, PhD	Comp. Med.	Neural control of eating behavior in obesity
63. Haifan Lin, PhD	Cell Biology	Stem cell biology
64. Kasia Lipska, MD	Medicine (Endo)	Risks vs benefits of glucose lowering drugs in the elderly
65. Arya Mani, MD	Medicine(Cardiology)	Genetics of type 2 diabetes
66. Graeme Mason, PhD	Diag. Radiology	NMR spectroscopy & brain metabolism
67. Ruslan Medzhitov, PhD	Immunobiology	Immunology of diabetes, innate immunity
68. Eric Meffre, MD	Immunobiology	β lymphocyte tolerance in T1DM
69. Andrew Miranker, PhD	MB&B	Islet amyloid polypeptide
70. Michael Nathanson, MD	Medicine (Dig.Dis)	Insulin receptor and calcium signaling
71. Chima Ndumele, PhD	Public Health	
72. Kristen Nwanyanwu, MD	Ophthalmology	Diabetic retinopathy
73. Noah Palm, PhD	Immunobiology	Gut microbiota
74. Rachel Perry, PhD	Medicine (Endo)	
75. Kitt Petersen, MD	Medicine (Endo)	Insulin resistance in liver and muscle
76. William Philbrick, PhD	Medicine (Endo)	Molecular diabetes
77. Jordan Pober, MD, PhD	Transl.Med/Path	Vascular biology
78. Marc Potenza, MD, PhD	Psychiatry	Reward-motivation neural circuitry in obesity
79. Karin Reinisch, PhD	Cell Biology	Vesicle trafficking, GLUT 4
80. Matthew Rodeheffer, MD	Comparative Med	Adipocyte biology
81. Douglas Rothman, PhD	Diag. Radiology	NMR spectroscopy/metabolism
82. James Rothman, MD	Cell Biology	Membrane fusion, insulin secretion
83. Mark Saltzman, PhD	Biomed. Eng.	Drug delivery (innovative technology)
84. Varman Samuel, MD, PhD	Medicine (Endo)	Effects of lipids on insulin action
85. Nicola Santoro, MD,PhD	Pedi (Endo)	Non-alcoholic fatty liver disease in obese children
86. David Schatz, PhD	Immunobio.	Adaptive immune responses
87. Joseph Schlessinger, PhD	Pharmacology	Cell signaling, growth factors, protein kinase
88. Martin Schwartz, PhD	Medicine (Cardiology)	Cellular mechanisms driving vascular disease development
89. William Sessa, PhD	Pharmacology	Vascular and endothelial biology
90. Gerald Shadel, PhD	Pathology	Mouse models of obesity
91. Jennifer Sherr, MD	Pedi (Endo)	Artificial mechanical pancreas
92. Gerald Shulman, MD, PhD	Medicine (Endo)	Mechanisms of insulin resistance
93. Rajita Sinha, PhD	Psychiatry	Role of the CNS in obesity
94. Dana Small, PhD	Psychiatry	CNS responses to food stimuli
95. Robert Soufer, MD	Medicine (Cardiology)	Brain-heart interactions in myocardial ischemia
96. Yajaira Suarez, PhD	Comp. Med.	Role of non-coding RNAs in endothelial cells
97. William Tamborlane, MD	Pedi (Endo)	Translational research in diabetes technology
98. Hugh Taylor, MD	OB/Gyn	PCOS
99. Carson Thoreen, PhD	Cell/Mol. Phys.	mTOR signaling: cell nutrient status
100. Derek Toomre, PhD	Cell Biology	Live cell imaging and insulin action
101. Anthony van den Pol, PhD	Neurosurgery	Regulation of Orexin neurons in hypothalamus
102. Michelle Van Name, MD	Pedi (Endo)	
103. Daniel Vatner, MD, PhD	Medicine (Endo)	Fatty liver disease in diabetes
104. Narendra Wajapeyee, PhD	Pathology	Molecular mechanisms regulating insulin action

105. Stuart Weinzimer, MD	Pedi (Endo)	Artificial pancreas development
106. Li Wen, MD, PhD	Medicine (Endo)	Immunology of diabetes
107. Robin Whittemore, PhD	Sch of Nursing	Interventions for adolescents with type 1 diabetes
108. John Wysolmerski, MD	Medicine (Endo)	Mouse models of obesity
109. Xiaoyong Yang, PhD	Comparative Med	Liver metabolism
110. Lawrence Young, MD	Medicine(Cardiology)	Myocardial metabolism
111. Yongli Zhang, PhD	Cell Biology	Molecular mechanisms of membrane fusion

EXTERNAL ADVISORY BOARD:

Domenico Acilli
Michael Czech
Mitch Lazar
Al Powers