FY2017 Private Funding received: Congratulations to everyone!

1. Alex's Lemonade Stand Foundation for Childhood Cancer; Song Jie; 3-D Printed Self-fitting Shape Memory Bone Grafts for Smart Pediatric Skeletal Reconstruction; $250,000
2. Alliance for Lupus Research; Rothstein, Ann; A novel model of CLE for the exploration of lupus pathogenesis; $200,000
3. Alliance for Lupus Research; Nundel, Kerstin; TLR9 regulates Axl dependent migration of autoreactive B cells; $574,302
4. ALS Finding a Cure; Brown, Robert; Basc Silencing C9orf72 in ALS; $675,000
5. ALS Knights Inc.; Brown, Robert; Silencing C9orf72 in ALS; $450,000
6. ALS Therapy Alliance, Inc.; Brown, Robert; Accelerated Development of AAV-Mediated Gene Silencing Therapy in Amyotrophic Lateral Sclerosis: Pre-Clinical Proof-of-Concept and Toxicity Studies in Monkeys; $258,942
7. Alzheimer's Drug Discovery Foundation; Rogaev, Evgeny; Targeting APOE e4 in Alzheimer's Disease by novel RNA based therapeutic compounds; $342,429
8. American Association for Study of Liver Diseases; Martins, Paulo; Optimization of Ischemic Liver Grafts with siRNA Gene Silencing therapeutics during machine preservation; $90,000
9. American Cancer Society; Brown, Caitlin; Integrin-Mediated Inhibition of Ferroptosis in Cancer; $111,500
10. American Cancer Society; Dokshin, Gregory; piRNAs and genome stability in C. elegans; $57,500
11. American Cancer Society; Lee, Michael; Development of Combination Drug Therapies to Exploit Tumor Cell Plasticity; $792,000
12. American Cancer Society; Monahan, Amanda; Epithelial transporters in innate immunity and inflammation-induced cancer; $163,500
13. American Cancer Society; Kelch, Brian; Elucidating the molecular basis of a disease-causing PCNA variant; $788,000
14. American College of Medical Toxicology; Chai, Peter; Naloxone distribution patterns in patients with a history of heroin abuse; $10,000
15. American Diabetes Association; Tissenbaum, Heidi; Dissecting connections between bacterial nutrients, host immunity, and obesity; $345,000
16. American Foundation for Aids Research; Luban, Jeremy; bifunctional nucleases programmed by HIV-1 mRNA for reservoir eradication; $1,500,000
17. American Foundation for Suicide Prevention; Boudreaux, Edwin; Safety Planning Intervention to Reduce Short Term Risk; $470,423
18. American Heart Association; Bostrom, John; Student Scholarship in Cardiovascular Disease; $2,000
19. American Heart Association; Koupénova Zamor, Milka; Platelets, viruses and antiviral response; $231,000
20. American Heart Association; Watanabe, Shinya; Molecular mechanism of histone variant H2A.Z deposition by chromatin remodeling factors; $231,000
21. American Medical Association; Elaimy, Ameer; The VEGF Neuropilin-2 Signaling Axis in Triple Negative Breast Cancer Initiation; $5,000
22. American Skin Association; Richmond, Jillian; Determining mechanisms of melanocyte killing in vitiligo; $60,000
23. American Society of Hematology; Suzuki, Sakiko; Novel therapy of leukemia through alternative splicing of mpl; $55,000
24. Arnold P. Gold Foundation; Noe, Matthew; The Use and Efficacy of Comios in Healthcare: A Scoping Review in Graphic Medicine; $5,000
25. Avon Foundation; Shaw, Leslie; Genetic analysis of pleomorphic invasive lobular carcinoma (PILC); $300,000
26. Bill and Melinda Gates Foundation; Klempner, Mark; Oral Immunoprotection by Secretory IgA Against ETEC Infection; $1,967,060
27. Bill and Melinda Gates Foundation /Partners HealthCare Systems, Inc.; Sassetti, Chris; Protective role of monoclonal antibodies in the control of MTB infection; $35,102
28. Bill and Melinda Gates Foundation /Partners HealthCare Systems, Inc.; Cavacini, Lisa; Protective role of monoclonal antibodies in the control of MTB infection; $497,848
29. Borchard Foundation on Law and Aging; Gershon, Rachel; MLTSS Protections for Informal Caregivers; $4,745
30. Brain and Behavior Research Foundation; Schafer, Dorothy; 2016 NARSAD Young Investigator Grant-Microglia-dependent Regulation of Inhibitory Brain Circuits in Health and Disease; $70,000
31. Brain and Behavior Research Foundation; Tapper, Andrew; The role of a mesointerpeduncular circuit in anxiety; $100,000
32. BrightFocus Foundation; Punzo, Claudio; Role of Photoreceptors in Age-related Macular Degeneration; $160,000
33. Cambia Health Foundation; Tjia, Jennifer; Communityi-Academic-Health Systems Partnership for Palliative Care Transformation (COACH); $180,000
34. Cervical Spine Research Society; Adams, Samuel; Prevalence of Degenerative Cervical Myelopathy in Elderly Patients with Fragility Fracture; $15,000
35. C.F. Adams Charitable Trust; Forkey, Heather; FaCES Safe and Sound Program; $205,000
36. Charles A. King Trust Postdoctoral Research Fellowship Prgm.; Hang, Saiyu; Regulation of Th17-Treg Balance by Gut Bacterial Modification of Bile Acids; $98,350
37. Charles A. King Trust Postdoctoral Research Fellowship Prgm.; Sharma, Upasna; Epigenetic inheritance of paternal environmental conditions; $98,350
38. Charles H. Hood Foundation; Schafer, Dorothy; The function of immune cells and sensory experience on brain circuit development; $150,000
39. Charles H. Hood Foundation; Reboldi, Andrea; Microbial and Dietary Reprogramming of Intestinal Immune Memory; $150,000
40. Clubhouse International; McKay, Colleen; Promoting Women's Health in Clubhouses; $24,585
41. Coins for Alzheimer's Research Trust Fund; Anaclet, Christelle; Sleep enhancement - a strategy to improve cognitive performance in adult and Alzheimers disease in mouse models; $250,000
42. CVS Foundation; Terrien, Jill; Graduate School of Nursing Scholarship; $5,000
43. Cystic Fibrosis Foundation; Bailey, Evan; Therapeutics Development Center; $77,212
44. Cystic Fibrosis Foundation; Bailey, Evan; Implementation of the Depression and Anxiety Guidelines-Award for A Mental Health Coordinator; $168,480
45. Damon Runyon Cancer Research Foundation; Suzuki, Sakiko; AON-directed alternative splicing as a novel therapy for leukemia; $460,000
46. DCU; Lee, Mary; Children’s Medical Center; $50,000
47. Deborah Munroe Noonan Memorial Fund; Bandini, Linda; impact of selective eating on the lives of transition-age youth with autism spectrum; $80,000
48. Diabetes Research Connection; Jurczyk, Agata; Can white blood cell RNAs serve as biomarkers for co-susceptibility to type 1 diabetes and mental disorders such as schizophrenia, bipolar and depression; $23,802
49. Education Development Center, Inc.; Cragin, Linda; National Co-Laboratory to Address Elder Mistreatment; $79,907
50. Edward Mallinckrodt Jr. Foundation; Haynes, Cole; Eliminating toxic mitochondrial genomes via mitochondrial UPR and mTOR manipulation; $400,000
51. Embo; Shpilka, Tomer; The role of ATFS-1 during L1 arrest; $32,556
52. Epic; Lowell, Monica; Senior Falls Prevention; $1,500
53. Foundation for Surgical Fellowships; Kelly, John; 2018-2019 Foundation for Surgical Fellowships; $20,000
54. Foundation for Surgical Fellowships; Kelly, John; 2016-2017 Foundation for Surgical Fellowships; $20,000
55. Friends of FSH Research; Emerson, Charles; A cell culture model of innate immunity for FSHD; $32,090
56. Health Resources in Action; Gibson, Laura; Community Engagement to Improve Prevention and Treatment of Congenital Cytomegalovirus; $15,000
57. Howard Hughes Medical Institute; Haynes, Cole; HHMI Scholar Award; $900,000
58. Human Frontier Science Program; Krietenstein, Nils; A genome-wide, biochemical approach to study the biology of chromosome folding; $160,980
59. Johns Hopkins University; Zuoshang, Xu; How interneuron expression of mutant PFN1 drive motor neuron degeneration and clinical progression of ALS; $50,000
60. Juvenile Diabetes Research Foundation; Harlan, David; Psychological Excellence in Diabetes Training Initiative; $10,000
61. Juvenile Diabetes Research Foundation; Babon, Jenny; Autoreactive CD8 T-cell infiltrates from the islets of human subjects with T1D; $169,932
62. Kenneth Rainin Foundation; Huh, Jun; Maternal Inflammation: An environmental risk factor for the development of IBD; $100,000
63. Kenneth Rainin Foundation; Fitzgerald, Kate; The role of long non-coding RNA, lincRNA-Eps in controlling gut inflammation; $100,000
64. LGMD21 Research Fund; Emerson, Charles; Xenograft models of FKRP muscular dystrophy for AAV therapy; $64,550
65. Lung Cancer Research Foundation; Xue, Wen; Targeting NF-OB as an Achilles' heel in KRAS mutant lung cancer; $150,000
66. March of Dimes Foundation National Office; Theurkauf, William; RNA Localization and Localized Translation; $5,000
67. Massachusetts College of Emergency Physicians; Rogich, Jerome; Time is Money-The True Cost of Helicopter EMS; $2,000
68. McKnight Endowment Fund for Neuroscience; Miller, Stephen; Overcoming barriers to imaging in the brain; $200,000
69. Mendez National Institute of Transplantation Foundation; Theodoropoulos, Nicole; Screening deceased organ donors for HIV, Hepatitis B, and Hepatitis C viruses with nucleic acid testing; $27,275
70. Muscular Dystrophy Association; McKenna (Yasek), Diane; MDA Clinic and MDA; $60,000
71. Muscular Dystrophy Association, Inc.; Gao, Fen Biao; Investigation of DNA damage as a therapeutic target in C9ORF72-Related ALS; $300,000
72. Muscular Dystrophy Association, Inc.; Emerson, Charles; iPSC-induced skeletal muscle progenitors for study of human myogenesis and FSHD; $300,000
73. Muscular Dystrophy Association, Inc.; Girgenrath, Mahasweta; Utilizing Natural History to Identify Optimal Timeline for Combinatorial Therapy (MDA383375); $141,666
74. New England Surgical Society Scholars Foundation; Perugini, Richard; Assessment of the correlation between gastric morphology, gastric emptying, post prandial GLP-1 response and hunger scores following longitudinal sleeve gastrectomy; $10,000
75. Orphan Disease Center; Green, Michael; Pharmacological Reactivation of the Xi-Linked CDKLS Gene as a Potential Treatment for CDKL5 Deficiency; $150,000
76. Orthopaedic Research and Education Foundation; Rockson, Hayden B.; Defining Success in Perioperative Care Pathways for Hip Fracture Patients; $5,000
77. Patient-Centered Outcomes Research Institute; Rhein, Lawrence; Optimization of Home Oxygen Weaning in Premature Infants; $689,444
78. Patient-Centered Outcomes Research Institute; Mullin, Daniel; Integrating BH and PC for Comorbid & Medical Problems; $420,000
79. Patient-Centered Outcomes Research Institute; Sadasivan, Rajani; Smoker to Smoker Peer Marketing and Messaging to Disseminate Tobacco Interventions; $2,052,822
80. Peabody Foundation; Alario, Anthony; Expanded Educational and Therapeutic Program for the Pediatric Rheumatology Program; $10,000
81. Prevent Cancer Foundation; Panigrahi, Rajesh; A virus-like particle vaccine for prevention of EBV associated cancer; $100,000
82. Ronald McDonald House Charities of Eastern New England; Lowell, Monica; A Comprehensive Plan for Pediatric Asthma Treatment and Control; $20,000
83. Sidney R. Baer, Jr. Foundation; Rubin, Emily; Sibling Support Program: A Family Centered Mental Health Initiative; $150,000
84. Sidney R. Baer, Jr. Foundation; Fan, Xiaoduo; Development of Early Psychosis Referral Network in Central MA; $160,958
85. Simons Foundation; Richter, Joel; Defining the translational landscape in mouse models of autism; $412,500
86. Simons Foundation; Huh, Jun; Exploring role of Th17-inducing maternal intestinal bacteria in ASD; $545,553
87. Society for the Advancement of Blood Management; Valentine, Stacey; Pediatric Critical Care Transfusion and Anemia Expertise Initiative; $20,000
88. Target ALS; Richter, Joel; Mechanism of RAN Translation; $180,000
89. Target ALS; Brown, Robert; Critical assessment of the dying back ALS hypothesis using novel iPSC and mouse models; $260,000
90. Target ALS; Gao, Fen Biao; Identification of RAN Translation Regulators as Therapeutic Targets in C9ALS; $180,000
91. The ALS Association; Landers, John; Project MinE US-Whole Genome sequencing of a large cohort of sporadic ALS Patients; $568,896
92. The ALS Association; McKeon, Jeanne; Disruption of actin dynamics as a pathogenic mechanism in ALS; $100,000
93. The ALS Association; Brown, Robert; Silencing C9orf72 in ALS; $675,000
94. The ALS Association; Almeida, Sandra Vicente; Reducing Repeat Toxicity as a Therapeutic Approach in C9ORF72 ALS-FTD; $50,000
95. The G. Harold and Leila Y. Mathers Charitable Foundation; Rogaev, Evgeny; The genomic basis for organismal transdifferentiation and rejuvenation; $750,001
96. The Jacob and Valeria Langeloth Foundation; Ferguson, Warren; Inclusive Collaboration in the Academic and Health Policy Conference on Correctional Health; $75,000
97. The Jed Foundation; Biebel, Kathleen; Promoting Mental Health in the Transition from College to the Workplace; $39,988
98. The Life Sciences Research Foundation; Singaravelu, Ragunath; Systematic characterization of non-coding RNAs regulating; $180,000
99. The Pew Charitable Trusts; Huh, Jun; Fetal development control by maternal cytokines; $240,000
100. The Special Hope Foundation; Curtin, Carol; Nursing Curriculum Pilot for Serving Pediatric to Adult Healthcare Transition of Youth with ASD; $50,000
101. The University of Vermont and State Agricultural College; Mullin, Daniel; Integrating BH and PC for Comorbid & Medical Problems PCORI; $420,000
102. Thrasher Research Foundation; Cook, Rebecca; Burkitt Lymphoma in Liberian Children: Clinical Outcomes and Barriers to Care; $25,940
103. U.S. Civilian Research & Development Foundation; Kornfeld, Hardy; Effects of Diabetes in Tuberculosis Severity; $28,050
104. U.S. Civilian Research & Development Foundation; Kornfeld, Hardy; RePORT India Executive Committee Role Support; $23,175
105. United States - Israel Binational Science Foundation; Lawson, Nathan; Genetic dissection of lymphatic development; $90,000
106. University of Geneva; Almeida, Sandra; Exploring the therapeutic benefits of targeting spt4 in C9ORF72-related ALS; $100,000
107. University of Miami; Kent, Sally; The George S. Eisenbarth nPOD Award for Team Science; $14,049
108. Vs. Cancer Foundation; Newburger, Peter; Research Coordinator for Cancer Clinical Studies; $6,891
109. WES Leukemia Research Foundation; Raffel, Glen; Development of the Anti-Sense-Mediated Exon Skipping Targeting MPL-Dependent Malignancies; $50,000