

| Funder | Project Title | Funding | Strategic Plan Objective | Institution |
|--------------------------------------|--|-----------|--------------------------|--------------------------------------|
| National Institutes of Health | Adult Neurogenesis and Executive Function | \$417,500 | 2.1 | Albert Einsteign College of Medicine |
| Simons Foundation | Genetic rescue of a mouse model of Fragile X by targeted deletion of RICTOR | \$70,000 | 2.1 | Albert Einsteign College of Medicine |
| National Institutes of Health | Monoallelic expression in neurons derived from induced pluripotent stem cells | \$417,500 | 2.1 | Albert Einsteign College of Medicine |
| Department of Defense - Army | The role of the new mTOR complex, mTORC2, in autism spectrum disorders | \$0 | 2.1 | Baylor College of Medicine |
| Simons Foundation | Canonical Computations in Autism | \$137,070 | 2.1 | Baylor College of Medicine |
| Department of Defense - Army | Forward Genetic Screen to Identify Novel Therapeutic Entry Points of an Autism Spectrum Disorder | \$587,878 | 2.1 | Baylor College of Medicine |
| National Institutes of Health | The Nature of Astrocyte Heterogeneity in RTT | \$196,974 | 2.1 | Baylor College Of Medicine |
| National Institutes of Health | Rescuing Motor Deficits In SHANK3 Releated Disorders | \$178,190 | 2.1 | Baylor College Of Medicine |
| National Institutes of Health | Molecular Pathogenesis Studies of Rett Syndrome | \$346,719 | 2.1 | Baylor College of Medicine |
| National Institutes of Health | Neurobiological Mechanism of 15q11-13 Duplication Autism Spectrum Disorder | \$380,625 | 2.1 | Beth Israel Deaconess Medical Center |
| Simons Foundation | Development of corticothalamic circuits of prefrontal cortex in mouse models of autism | \$75,000 | 2.1 | Boston Children's Hospital |
| National Institutes of Health | MRI Biomarkers of Patients with Tuberous Sclerosis Complex and Autism | \$728,507 | 2.1 | Boston Children's Hospital |
| National Institutes of Health | Sex-specific regulation of social play | \$250,400 | 2.CC | Boston College |
| Brain & Behavior Research Foundation | Rebuilding Inhibition in the Autistic Brain | \$49,680 | 2.1 | Brandeis University |
| Simons Foundation | Cellular models for autism de novo mutations using human stem cells | \$250,000 | 2.Core/Other | Broad Institute, Inc. |
| Simons Foundation | Assessing thalamocortical circuit function in TSC1 and NHE6 mouse models | \$75,000 | 2.1 | Brown University |
| National Institutes of Health | Autism-linked endosomal mechanisms in neuronal arborization and connectivity | \$406,250 | 2.1 | Brown University |
| National Institutes of Health | Mechanisms of circuit failure and treatments in patient-derived neurons in autism | \$406,250 | 2.1 | Brown University |
| National Institutes of Health | Function and Structure Adaptations in Forebrain Development | \$590,225 | 2.1 | Children's Hospital Los Angeles |
| Simons Foundation | Explore the pathogenic role of mTor signaling in chr16p11.2 microdeletion | \$0 | 2.1 | Children's Hospital Los Angeles |
| Department of Defense - Army | Neural Correlates of the Y Chromosome in Autism: XYY Syndrome as a Genetic Model | \$0 | 2.1 | Children's Hospital of Philadelphia |
| National Institutes of Health | SLC7A5-MTOR Regulation of Neural Development | \$442,241 | 2.1 | Clemson University |
| National Institutes of Health | New Models For Astrocyte Function in Genetic Mouse Models of Autism Spectrum Diso | \$396,250 | 2.1 | Cleveland Clinic |

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| Brain & Behavior Research Foundation | Cellular Mechanisms Controlling White Matter Connectivity: Making Sense of a Genetic Risk Factor for Autism and Schizophrenia | \$35,000 | 2.1 | Columbia University |
| Simons Foundation | Neuronal translation in Tsc2+/- and Fmr1-/- mutant ASD mouse models | \$124,999 | 2.1 | Columbia University |
| Simons Foundation | Autophagy pathway alterations in lymphocytes: Potential biomarkers for autism? | \$79,551 | 2.1 | Columbia University |
| Simons Foundation | Role of the hippocampal CA2 region in autism | \$125,000 | 2.1 | Columbia University Medical Center |
| National Institutes of Health | The Impact of Pten Signaling on Neuronal Form and Function | \$405,000 | 2.1 | Dartmouth College |
| Brain & Behavior Research Foundation | In vivo Imaging of Prefrontal Cortical Activity During Social Interactions in Normal and Autism Mice | \$35,000 | 2.1 | Duke University |
| National Institutes of Health | Analysis of Shank3 Complete and Temporal and Spatial Specific Knockout Mice | \$425,202 | 2.1 | Duke University |
| Autism Speaks | Investigating Shank3 function during synaptogenesis in mice to define a therapeutic window for ASD. | \$30,000 | 2.1 | Duke University |
| Simons Foundation | Does Astrocyte Dysfunction Contribute to Synaptic Pathologies in Autism? | \$75,000 | 2.1 | Duke University Medical Center |
| Simons Foundation | SCN2A mouse | \$0 | 2.1 | Duke University Medical Center |
| National Institutes of Health | Decoding the RGS14 Interactome/Signalosome in CA2 hippocampal neurons | \$234,000 | 2.1 | Emory University |
| National Institutes of Health | Tet-mediated Epigenetic Modulation in Autism | \$603,129 | 2.1 | Emory University |
| National Institutes of Health | Tet-mediated Epigenetic Modulation in Autism | \$117,000 | 2.1 | Emory University |
| National Institutes of Health | Development and afferent regulation of auditory neurons | \$380,000 | 2.1 | Florida State University |
| Simons Foundation | Neurobiological basis of connectivity deficits in autism | \$67,436 | 2.1 | Fondazione Istituto Italiano di Tecnologia |
| National Institutes of Health | Role of the intracellular signal integrator CC2D1A in the developing nervous system | \$56,118 | 2.1 | George Washington University |
| National Institutes of Health | Neurotrophic Factor Regulation of Gene Expression | \$622,854 | 2.1 | Harvard Medical School |
| National Institutes of Health | Neuronal Activity-Dependent Regulation of MeCP2 | \$606,287 | 2.1 | Harvard Medical School |
| National Institutes of Health | A Novel Essential Gene for Human Cognitive Function | \$31,881 | 2.1 | Harvard Medical School |

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| Simons Foundation | Analysis of oxytocin function in brain circuits processing social cues | \$62,500 | 2.1 | Harvard University |
| National Institutes of Health | Neurodevelopmental Phenotypes in MLL mutant mice | \$435,379 | 2.1 | Icahn School of Medicine At Mount Sinai |
| National Institutes of Health | Dynamic regulation of Shank3 and ASD | \$602,491 | 2.1 | Johns Hopkins University |
| Autism Science Foundation | Study of a potentially novel biomarker for features of ASD | \$25,000 | 2.1 | Johns Hopkins University |
| Simons Foundation | Role of LIN28/let-7 axis in autism | \$0 | 2.1 | Johns Hopkins University School of Medicine |
| Simons Foundation | Role of Caspr2 (CNTNAP2) in brain circuits - Project 1 | \$0 | 2.1 | King's College London |
| Autism Science Foundation | Calcium Channels as a Core Mechanism in the Neurobiology of ASD | \$0 | 2.1 | Massachusetts General Hospital |
| National Institutes of Health | Mechanotransduction C. elegans | \$588,908 | 2.1 | Massachusetts General Hospital |
| Simons Foundation | Translational dysregulation in autism pathogenesis and therapy | \$250,000 | 2.1 | Massachusetts General Hospital |
| Simons Foundation | Molecular consequences of strong effect ASD mutations including 16p11.2 | \$250,000 | 2.1 | Massachusetts General Hospital |
| National Institutes of Health | Dissecting recurrent microdeletion syndromes using dual-guide genome editing | \$580,798 | 2.1 | Massachusetts General Hospital |
| National Institutes of Health | Shank3 in Synaptic Function and Autism | \$401,250 | 2.1 | Massachusetts Institute of Technology |
| National Institutes of Health | Synaptic pathophysiology of the 16p11.2 microdeletion mouse model | \$531,026 | 2.2 | Massachusetts Institute of Technology |
| Simons Foundation | The role of PTCHD1 in thalamic reticular nucleus function and ASD | \$250,000 | 2.1 | Massachusetts Institute of Technology |
| Brain & Behavior Research Foundation | Mechanisms of eIF4E-dependent Translational Control in Autism | \$66,667 | 2.1 | McGill University |
| Brain & Behavior Research Foundation | A Novel GABA Signalling Pathway in the CNS | \$25,000 | 2.1 | McLean Hospital |
| Simons Foundation | Analysis of Shank3 ubiquitination regulation by RNF31 phosphorylation | \$70,000 | 2.1 | Medical University of South Carolina |
| Simons Foundation | CNTNAP2 regulates production, migration and organization of cortical neurons | \$0 | 2.1 | Memorial Sloan-Kettering Cancer Center |
| National Institutes of Health | Engrailed genes and cerebellum morphology, spatial gene expression and circuitry | \$639,375 | 2.1 | Memorial Sloan-Kettering Cancer Center |
| National Institutes of Health | Dysregulation of Protein Synthesis in Fragile X Syndrome and Other Developmental Disorders | \$1,626,666 | 2.2 | National Institutes of Health |
| National Institutes of Health | Regulation of Neuroligins and Effects on Synapse Number and Function | \$1,133,599 | 2.1 | National Institutes of Health |
| Department of Defense - Army | Neural Correlates of the Y Chromosome in Autism: XYY Syndrome as a Genetic Model | \$0 | 2.1 | Nemours Children's Health System, Jacksonville |

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| National Institutes of Health | Translation, Synchrony, and Cognition | \$379,689 | 2.1 | New York University |
| National Institutes of Health | Experience-dependent plasticity of synaptic structure.-Resubmission-1 | \$370,781 | 2.1 | New York University School of Medicine |
| National Institutes of Health | Alternative splicing-mediated mechanisms of cortical interneuron maturation and circuit integration | \$96,751 | 2.1 | New York University School of Medicine |
| Simons Foundation | Interneuron subtype-specific malfunction in autism spectrum disorders | \$120,000 | 2.1 | New York University School of Medicine |
| National Institutes of Health | Neuronal Adaptation and Plasticity after Chronic Disuse | \$423,750 | 2.1 | New York University School of Medicine |
| Simons Foundation | Role of a novel PRC1 complex in neurodevelopment and ASD neurobiology | \$225,000 | 2.1 | New York University School of Medicine |
| Department of Defense - Army | DISRUPTION OF TROPHIC INHIBITORY SIGNALING IN AUTISM SPECTRUM DISORDERS | \$0 | 2.1 | Northwestern University |
| National Institutes of Health | Chloride homeostasis and GABA maturation in fragile X syndrome | \$193,125 | 2.1 | Northwestern University |
| National Institutes of Health | Understanding the Role of EPAC2 in Cognitive Function | \$48,576 | 2.1 | Northwestern University |
| National Institutes of Health | A Family-Genetic Study of Autism and Fragile X Syndrome | \$868,531 | 2.1 | Northwestern University |
| Simons Foundation | PsychoGenics Inc. | \$0 | 2.1 | PsychoGenics Inc. |
| National Institutes of Health | Akt-mTOR Pathway Impact on Neural Stem Cell Fates | \$380,133 | 2.1 | Richard Stockton College of New Jersey |
| National Institutes of Health | Endoplasmic Reticulum Stress as a Novel Mechanism of Synaptic Dysfunction in Autism-Associated NLGN3 R451C Human Neurons | \$37,840 | 2.1 | Rutgers Robert Wood Johnson Medical School |
| National Institutes of Health | Dissecting neural mechanisms integrating multiple inputs in C. elegans | \$485,000 | 2.1 | Salk Institute for Biological Studies |
| National Institutes of Health | Heparan sulfate in neurophysiology and neurological disorders | \$425,746 | 2.1 | Sanford Burnham Prebys Medical Discovery Institute |
| National Institutes of Health | Proteogenetics of Autism Spectrum Disorders | \$583,992 | 2.1 | Scripps Research Institute |
| Simons Foundation | Impact of Pten mutations: brain growth trajectory and scaling of cell types | \$0 | 2.1 | Scripps Research Institute |
| National Institutes of Health | Regulation of mTOR signaling in the developing cerebral cortex as a point of convergence for multiple autism risk factors | \$480,000 | 2.1 | Scripps Research Institute - Florida |
| National Institutes of Health | Impact of SynGAP1 Mutations on Synapse Maturation and Cognitive Development | \$614,568 | 2.1 | Scripps Research Institute - Florida |
| National Institutes of Health | Protein Interaction Network Analysis to Test the Synaptic Hypothesis of Autism | \$244,566 | 2.1 | Seattle Children's Hospital |

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| Brain & Behavior Research Foundation | Interrogating Synaptic Transmission in Human Neurons | \$17,500 | 2.1 | Stanford University |
| National Institutes of Health | Characterizing the CHD8 Complex to Determine its Role in Autism Spectrum Disorder | \$43,576 | 2.1 | Stanford University |
| Simons Foundation | Chromatin remodeling in autism | \$250,000 | 2.1 | Stanford University |
| Simons Foundation | Neurobiology of Rai1, a critical gene for syndromic ASDs | \$175,000 | 2.1 | Stanford University |
| National Institutes of Health | Induced neuronal cells: A novel tool to study neuropsychiatric diseases | \$615,259 | 2.1 | Stanford University |
| National Institutes of Health | Phenotyping Astrocytes in Human Neurodevelopmental Disorders | \$386,463 | 2.1 | Stanford University |
| National Institutes of Health | Gaining insight into psychiatric disease by engineering piece by piece the human brain in vitro. | \$489,075 | 2.1 | Stanford University |
| Simons Foundation | Mouse Model of Dup15q Syndrome | \$0 | 2.1 | Texas AgriLife Research |
| Autism Speaks | Monitoring Treatment-Induced Neuroanatomical Changes in a Mouse Model of Rett Syndrome | \$30,000 | 2.1 | The Hospital for Sick Children |
| Simons Foundation | The Medical College of Wisconsin, Inc. | \$79,243 | 2.1 | The Medical College of Wisconsin, Inc. |
| Simons Foundation | Translational control by RBFOX1: investigating its mechanisms and functions | \$0 | 2.1 | Trinity College Dublin, The University of Dublin |
| National Institutes of Health | Deficits in KCC2 activity and the pathophysiology of Autism spectrum disorders | \$206,250 | 2.1 | Tufts University Boston |
| Simons Foundation | MAGEL2, a candidate gene for autism and Prader-Willi syndrome | \$53,753 | 2.1 | University of Alberta |
| Simons Foundation | Rescuing synaptic and circuit deficits in an Angelman syndrome mouse model | \$0 | 2.1 | University of Arizona |
| Autism Research Institute | Unique Mitochondrial Dysfunction in Autism Spectrum Disorder | \$20,000 | 2.1 | University of Arkansas |
| Simons Foundation | How do autism-related mutations affect basal ganglia function? | \$62,500 | 2.1 | University of California, Berkeley |
| National Institutes of Health | Project 4: Calcium Signaling Defects in Autism (Pessah/Lein) | \$115,417 | 2.1 | University of California, Davis |
| Autism Speaks | Identification and validation of genetic variants which cause the Autism Macrocephaly subphenotype | \$0 | 2.1 | University of California, Los Angeles |
| National Institutes of Health | Stem cell- based studies of gene-environment interactions in PTEN-associated autism | \$260,250 | 2.1 | University of California, Los Angeles |
| National Institutes of Health | Optogenetic treatment of social behavior in autism | \$395,996 | 2.1 | University of California, Los Angeles |

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| Simons Foundation | Modeling multiple heterozygous genetic lesions in autism using <i>Drosophila melanogaster</i> | \$0 | 2.1 | University of California, Los Angeles |
| Brain & Behavior Research Foundation | The Interplay Between Human Astrocytes and Neurons in Psychiatric Disorders | \$75,000 | 2.1 | University of California, San Diego |
| Brain & Behavior Research Foundation | Signaling Pathways that Regulate Excitatory-inhibitory Balance | \$35,000 | 2.1 | University of California, San Diego |
| National Institutes of Health | Single-cell approaches to deconvolution of disease-associated signals | \$736,293 | 2.Core/Other | University of California, San Diego |
| National Institutes of Health | High content assays for cellular and synaptic phenotypes | \$421,623 | 2.Core/Other | University of California, San Diego |
| National Institutes of Health | Reproducible protocols for robust cortical neuron and astroglial differentiation | \$453,211 | 2.Core/Other | University of California, San Diego |
| National Institutes of Health | Scalable technologies for genome engineering in hiPSCs | \$306,948 | 2.1 | University of California, San Diego |
| Autism Speaks | Dissecting the 16p11.2 CNV endophenotype in induced pluripotent stem cells | \$0 | 2.1 | University of California, San Francisco |
| Simons Foundation | Electrophysiological consequences of SCN2A mutations found in ASD | \$0 | 2.1 | University of California, San Francisco |
| Simons Foundation | In vivo approach to screen ASD allele functions in cortical interneurons | \$62,500 | 2.1 | University of California, San Francisco |
| Simons Foundation | Mechanisms that Connect Autism with Homeostatic Synaptic Plasticity | \$125,000 | 2.1 | University of California, San Francisco |
| Simons Foundation | Exploring the Intersection of Autism and Homeostatic Synaptic Plasticity | \$0 | 2.1 | University of California, San Francisco |
| Simons Foundation | Do VIP interneurons drive abnormal prefrontal circuit function in autism? | \$75,000 | 2.1 | University of California, San Francisco |
| Simons Foundation | The Role of Cation/Proton Exchanger NHE9 in Autism | \$62,500 | 2.1 | University of California, San Francisco |
| National Institutes of Health | Role of Autism Susceptibility Gene, TAOK2 kinase, and its novel substrates in Synaptogenesis | \$121,022 | 2.1 | University of California, San Francisco |
| Simons Foundation | BAZ1B Haploinsufficiency and the Neurophenotypes of Williams Syndrome | \$0 | 2.1 | University of California, Santa Barbara |
| National Institutes of Health | BDNF regulation of the cortical neuron transcriptome | \$77,000 | 2.1 | University of Colorado Denver |
| Brain & Behavior Research Foundation | The Study of Homeostatic Downscaling in Psychiatric Disorders | \$35,000 | 2.1 | University of Illinois at Urbana-Champaign |
| National Institutes of Health | BPA, Cortical Development and Gene Expression: Implications for Autism | \$236,192 | 2.1 | University of Illinois at Urbana-Champaign |
| National Institutes of Health | A mouse model for AUTS2-linked neurodevelopmental disorders | \$228,838 | 2.1 | University of Illinois at Urbana-Champaign |

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| National Institutes of Health | Determination of the Epigenetic Regulation of Gene Transcription by MECP2 in Neurons | \$30,741 | 2.1 | University of Kentucky |
| Brain & Behavior Research Foundation | Autism Linked LRRTM4-Heparan Sulphate Proteoglycan Complex Functions in Synapse Development | \$0 | 2.1 | University of Manitoba |
| Simons Foundation | Exploring Sex Differences in ASD via the NRXN1 KO Rat | \$75,000 | 2.CC | University of Maryland, College Park |
| Simons Foundation | Defining the Translational Landscape in Mouse Models of Autism - Core | \$68,750 | 2.1 | University of Massachusetts Medical School |
| National Institutes of Health | Functional analysis of Neuroligin-Neurexin interactions in synaptic transmission | \$366,406 | 2.1 | University of Massachusetts Medical School |
| Autism Science Foundation | Brain Somatic Mosaicism at ASD-Associated Loci | \$0 | 2.1 | University of Michigan |
| National Institutes of Health | Signaling Pathways in Autism | \$74,611 | 2.1 | University of Nebraska Medical Center |
| Brain & Behavior Research Foundation | Modeling Pitt-Hopkins Syndrome, an Autism Spectrum Disorder, in Transgenic Mice Harboring a Pathogenic Dominant Negative Mutation in TCF4 | \$0 | 2.1 | University of North Carolina at Chapel Hill |
| National Institutes of Health | Role of UBE3A in the Central Nervous System | \$321,269 | 2.1 | University of North Carolina at Chapel Hill |
| Simons Foundation | Identification of shared transcriptional profiles with three high-confidence autism mouse models | \$100,000 | 2.1 | University of North Carolina at Chapel Hill |
| National Institutes of Health | The Elongation Hypothesis of Autism | \$760,000 | 2.1 | University of North Carolina at Chapel Hill |
| National Institutes of Health | Molecular mechanisms of electrical synapse formation in vivo | \$249,000 | 2.1 | University of Oregon |
| Simons Foundation | Functional and behavioral analysis of zebrafish ASD models | \$74,975 | 2.1 | University of Queensland |
| National Institutes of Health | Biology of Non-Coding RNAs Associated with Psychiatric Disorders | \$416,850 | 2.1 | University of Southern California |
| National Institutes of Health | Molecular mechanisms of the synaptic organizer alpha-neurexin | \$379,844 | 2.1 | University of Texas Medical Branch at Galveston |
| Autism Science Foundation | Genetics Behind Brain Connectivity in ASD | \$0 | 2.1 | University of Texas Southwestern Medical Center |
| Autism Science Foundation | Genetic mutations in chromosome 16 and their role in autism | \$25,000 | 2.1 | University of Texas Southwestern Medical Center |
| National Institutes of Health | Role of MEF2 and neural activity in cortical synaptic weakening and elimination | \$394,331 | 2.1 | University of Texas Southwestern Medical Center |
| Simons Foundation | Defining the Translational Landscape in Mouse Models of Autism - Project 1 | \$68,750 | 2.1 | University of Texas Southwestern Medical Center |
| Simons Foundation | Foxp1 orchestration of neuronal function in the striatum | \$73,345 | 2.1 | University of Texas Southwestern Medical Center |

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| National Institutes of Health | Mechanisms underlying the Cerebellar Contribution to Autism in Mouse Models of Tuberous Sclerosis Complex | \$190,458 | 2.1 | University of Texas Southwestern Medical Center |
| National Institutes of Health | Identification of human-relevant CLOCK molecular signaling pathways | \$242,625 | 2.2 | University of Texas Southwestern Medical Center |
| National Institutes of Health | The role of Foxp1-regulated signaling pathways in brain development and behavior | \$405,000 | 2.1 | University of Texas Southwestern Medical Center |
| National Institutes of Health | Role of Brg1 in Activity-Induced Neuronal Gene Expression and Synaptic Plasticity | \$365,696 | 2.1 | University of Texas Southwestern Medical Center |
| National Institutes of Health | Tools for manipulating local protein synthesis in the brain | \$148,500 | 2.1 | University of Toronto |
| Brain & Behavior Research Foundation | a-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95 | \$19,748 | 2.1 | University of Tuebingen |
| Autism Speaks | Elucidating synapse-specific defects underlying autism | \$30,400 | 2.1 | University of Utah |
| National Institutes of Health | Spastic paraplegia, neurodegeneration and autism: possible role for AT-1/SLC33A1? | \$330,978 | 2.1 | University of Wisconsin-Madison |
| National Institutes of Health | Translational Regulation of Adult Neural Stem Cells | \$372,646 | 2.1 | University of Wisconsin-Madison |
| National Institutes of Health | Coordinate actions between methyl-CpG binding proteins in neuronal development | \$191,250 | 2.1 | University of Wisconsin-Madison |
| National Institutes of Health | The Role of Fragile X-related protein 1 in adult neurogenesis | \$27,023 | 2.2 | University of Wisconsin-Madison |
| Autism Speaks | Temporal divergence of hypoconnectivity and excitotoxicity in Rett syndrome | \$215,784 | 2.1 | Vanderbilt University |
| National Institutes of Health | Genetic and Developmental Analyses of Fragile X Mental Retardation Protein | \$383,322 | 2.1 | Vanderbilt University |
| National Institutes of Health | mTOR modulation of myelination | \$1 | 2.1 | Vanderbilt University |
| National Institutes of Health | FMRP and Pumilio co-regulate synaptogenesis by controlling Neuroglian expression | \$27,936 | 2.1 | Vanderbilt University |
| National Institutes of Health | Endocannabinoids in social and repetitive behavioral domains | \$143,746 | 2.1 | Vanderbilt University |
| National Institutes of Health | mTOR modulation of myelination | \$179,658 | 2.1 | Vanderbilt University Medical Center |
| National Institutes of Health | Investigating the Mechanism of Optic Nerve Hypoplasia Associated with CASK Mutation | \$396,400 | 2.2 | Virginia Polytechnic Institute and State University |
| National Institutes of Health | Foxp2 regulation of sex specific transcriptional pathways and brain development | \$249,000 | 2.CC | Virginia Polytechnic Institute and State University |
| Autism Speaks | CYFIP function/s in brain: insights into Autism Spectrum Disorders | \$117,500 | 2.1 | Vlaams Instituut voor Biotechnologie |

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| Brain & Behavior Research Foundation | Molecular Dimorphism in the Locus Coeruleus May Mediate Sex-specific Differences in Psychiatric Disease Risk | \$25,000 | 2.CC | Washington University in St. Louis |
| National Institutes of Health | The Role of BK Channels in Neuropathology of Fragile X Syndrome | \$380,000 | 2.1 | Washington University in St. Louis |
| National Institutes of Health | Regulation of Mammalian Social Behavior by the Gtf2i Family of Proteins | \$501,347 | 2.1 | Washington University in St. Louis |
| Simons Foundation | Role of Caspr2 (CNTNAP2) in brain circuits-Core | \$0 | 2.1 | Weizmann Institute of Science |
| Brain & Behavior Research Foundation | Modeling Microglial Involvement in Autism Spectrum Disorders, with Human Neuro-glia Co-cultures | \$35,000 | 2.1 | Whitehead Institute for Biomedical Research |
| Brain & Behavior Research Foundation | Corticogenesis and Autism Spectrum Disorders: New Hypotheses on Transcriptional Regulation of Embryonic Neurogenesis by FGFs from In Vivo Studies and RNA-sequencing Analysis of Mouse Brain | \$0 | 2.1 | Yale University |
| National Institutes of Health | Neurobiology of Autism With Macrocephaly | \$614,548 | 2.1 | Yale University |
| Simons Foundation | Restoring GABA inhibition in a Rett syndrome mouse model by tuning a kinase-regulated Cl ⁻ rheostat | \$66,839 | 2.1 | Yale University |
| Simons Foundation | Role of GABA interneurons in a genetic model of autism | \$0 | 2.1 | Yale University |
| National Institutes of Health | Functional Genomics of Human Brain Development | \$266,096 | 2.1 | Yale University |
| National Institutes of Health | Functional Analysis of Rare Variants in Genes Associated with Autism | \$147,905 | 2.1 | Yale University |
| National Institutes of Health | Astrocytes contribution to tuberous sclerosis pathology | \$249,750 | 2.1 | Yale University |
| National Institutes of Health | Functional Genomics of Human Brain Development | \$1,621,706 | 2.1 | Yale University |

