

Funder	Project Title	Funding	Institution
Brain & Behavior Research Foundation	Investigations of a Proposed Molecular Feedback Loop in Cortical Neurons in Psychiatric Pathogenesis	\$25,000	University of California, San Francisco
Brain & Behavior Research Foundation	Rebuilding Inhibition in the Autistic Brain	\$24,840	Brandeis University
Brain & Behavior Research Foundation	Pinpointing Genes Underlying Autism in Chromosomal Region 16p11.2	\$1,250	Cold Spring Harbor Laboratory
Brain & Behavior Research Foundation	Characterization of synaptic and neural circuitry dysfunction underlying ASD-like behaviors using a novel genetic mouse model	\$0	Duke University
Department of Defense - Army	Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	\$0	Salk Institute for Biological Studies
Department of Defense - Army	Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	\$0	University of California, San Francisco
Department of Defense - Army	Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	University of North Carolina
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Department of Defense - Army	Examination of the mGluR-mTOR pathway for the identification of potential therapeutic targets to treat fragile X	\$0	University of Pennsylvania
Department of Defense - Army	Novel therapeutic targets to treat social behavior deficits in autism and related disorders	\$0	University of Texas San Antonio
Autism Science Foundation	Endocannabinoid Enhancement of Sociability in Autism-related Mouse Models	\$0	University of California, Irvine
Autism Science Foundation	A Unified Molecular Mechanism Explaining Social Behavior and Oxytocin levels in ASD	\$25,000	Washington University in St. Louis
Autism Speaks	Preclinical Autism Consortium for Therapeutics (PACT)	\$0	University of California, Davis
Autism Speaks	Novel approaches to enhance social cognition by stimulating central oxytocin release	\$0	Emory University
Autism Speaks	Preclinical Autism Consortium for Therapeutics (PACT)-Boston Children's Hospital	\$0	Boston Children's Hospital
National Institutes of Health	Pre-clinical evaluation of oxytocin for ASD treatment discovery	\$244,898	University of California, Davis
National Institutes of Health	Scalable technologies for genome engineering in hIPSCs	\$341,000	University of California, San Diego
National Institutes of Health	Formation and Function of Circuitry for Vocal Learning	\$361,456	University of California, Los Angeles
National Institutes of Health	Effects of Chronic Intranasal Oxytocin	\$1,105,938	University of California, Davis
National Institutes of Health	Functional Analysis of Rare Variants in Genes Associated with Autism	\$147,905	Yale University
National Institutes of Health	Stable Zebrafish Models of Autism Spectrum Disorder	\$75,250	University of Miami
National Institutes of Health	Oxytocin Receptors and Social Behavior	\$440,363	Emory University
National Institutes of Health	Characterization of the Schizophrenia-associated 3q29 Deletion in Mouse	\$417,252	Emory University

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National Institutes of Health	Mechanisms of stress-enhanced aversive conditioning	\$381,250	Northwestern University
National Institutes of Health	Functional analysis of the Schizophrenia and Autism Spectrum Disorder gene TCF4 i	\$457,500	LIEBER INSTITUTE, INC.
National Institutes of Health	Roles of Oxytocin and Vasopressin in Brain	\$1,866,157	National Institutes of Health
National Institutes of Health	Studies of genetic and metabolic disorders, autism and premature aging	\$34,275	National Institutes of Health
National Institutes of Health	Neurobiological Signatures of Social Dysfunction and Repetitive Behavior	\$400,710	NEW YORK STATE PSYCHIATRIC INSTITUTE
National Institutes of Health	Identifying therapeutic targets for autism using Shank3-deficient mice	\$487,448	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
National Institutes of Health	Prefrontal function in the Shank3-deficient rat: A first rat model for ASD	\$457,912	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
National Institutes of Health	A novel neural circuit analysis paradigm to model autism in mice	\$238,500	Duke University
National Institutes of Health	Preclinical evaluation of NMDA receptor antagonists for treating Rett Syndrome	\$396,250	CASE WESTERN RESERVE UNIVERSITY
National Institutes of Health	Mechanisms of circuit failure and treatments in patient-derived neurons in autism	\$406,250	BROWN UNIVERSITY
National Institutes of Health	Modeling The Serotonin Contribution to Autism Spectrum Disorders	\$227,339	Vanderbilt University
National Institutes of Health	Novel Genetic Models of Autism	\$329,427	UT SOUTHWESTERN MEDICAL CENTER
National Institutes of Health	THE GENETIC AND NEUROANATOMICAL ORIGIN OF SOCIAL BEHAVIOR	\$391,250	Baylor College of Medicine
National Institutes of Health	Striatal synaptic Abnormalities in Models of Autism	\$397,500	UT SOUTHWESTERN MEDICAL CENTER
National Institutes of Health	Targeting System Xc- for the treatment of the Autism Spectrum Disorder subpopulations, Fragile X syndrome and Phelan-McDermid syndrome	\$151,366	PROMENTIS PHARMACEUTICALS, INC.
Simons Foundation	Microcircuit endophenotypes for autism	\$62,500	University of California, San Francisco
Simons Foundation	Exploring VIPR2 microduplication linkages to autism in a mouse model	\$42,000	University of California, Los Angeles
Simons Foundation	Chromatin remodeling in autism	\$250,000	Stanford University
Simons Foundation	Comparison of cortical circuit dysfunction in ASD model mice	\$62,500	The Regents of the University of California, Berkeley
Simons Foundation	Linking cortical circuit dysfunction and abnormal behavior in genetic mouse models of autism	\$268,210	University of California, Los Angeles
Simons Foundation	Role of Caspr2 (CNTNAP2) in brain circuits - Project 2	\$0	University of California, Los Angeles
Simons Foundation	Behavioral evaluation of a novel autism mouse model	\$0	Shriners Hospitals for Children - Northern California
Simons Foundation	16p11.2 deletion mice: autism-relevant phenotypes and treatment discovery	\$0	University of California, Davis
Simons Foundation	The Role of Cation/Proton Exchanger NHE9 in Autism	\$125,000	University of California, San Francisco

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Simons Foundation	How do autism-related mutations affect basal ganglia function?	\$125,000	University of California, Berkeley
Simons Foundation	Neural mechanisms of social reward in mouse models of autism	\$249,994	Stanford University
Simons Foundation	Neurexin function in the prefrontal cortex and autism pathogenesis	\$250,000	Stanford University
Simons Foundation	Analysis of autism-associated alleles in C. elegans	\$108,061	California Institute of Technology
Simons Foundation	Detecting and Treating Social Impairments in a Monkey Model	\$146,468	Stanford University
Simons Foundation	Electrophysiological consequences of SCN2A mutations found in ASD	\$60,000	The Regents of the University of California, San Francisco (Contracts & Grants)
Simons Foundation	Biomarker discovery for low sociability: A monkey model	\$62,500	Stanford University
Simons Foundation	Characterization of brain and behavior in 7q11.23 duplication syndrome-Project 1	\$103,684	University of California, Davis
Simons Foundation	Investigating Wnt signaling variants in mouse models of ASD	\$0	University of California, San Francisco
Simons Foundation	In vivo approach to screen ASD allele functions in cortical interneurons	\$125,000	University of California, San Francisco
Simons Foundation	High-throughput drug discovery in zebrafish models of ASD risk genes	\$62,500	Yale University
Simons Foundation	Disruption of Cortical Projection Neurons, Circuits, and Cognition in ASD	\$244,881	GEORGE WASHINGTON UNIVERSITY
Simons Foundation	CHD8 and beta-catenin signaling in autism	\$125,000	University of Chicago
Simons Foundation	Deep Brain Stimulation for Autistic Self-Injurious Behavior	\$0	Johns Hopkins University
Simons Foundation	A new non-human primate model for studying communicative behaviors	\$62,500	Johns Hopkins University
Simons Foundation	Understanding brain disorders related to the 15q11.2 chromosomal region	\$250,000	Johns Hopkins University
Simons Foundation	The role of PTCHD1 in thalamic reticular nucleus function and ASD	\$250,000	Massachusetts Institute of Technology
Simons Foundation	Molecular consequences of strong effect ASD mutations including 16p11.2	\$250,000	Massachusetts General Hospital
Simons Foundation	Human Gene Editing and In Situ Sequencing of Neuronal Microcircuit Arrays	\$125,000	Harvard University
Simons Foundation	Cellular models for autism de novo mutations using human stem cells	\$125,000	Broad Institute, Inc.
Simons Foundation	Analysis of oxytocin function in brain circuits processing social cues	\$125,000	Harvard University
Simons Foundation	Synaptic pathophysiology of 16p11.2 model mice	\$0	Massachusetts Institute of Technology

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Simons Foundation	Optical imaging of circuit dynamics in autism models in virtual reality	\$165,691	Harvard University
Simons Foundation	A novel window into ASD through genetic targeting of striosomes - Core	\$170,040	Massachusetts Institute of Technology
Simons Foundation	The tissue-specific transcriptome anatomy of 16p11.2 microdeletion syndrome	\$0	Massachusetts General Hospital
Simons Foundation	A mouse model of top-down interactions	\$0	ROCKEFELLER UNIVERSITY
Simons Foundation	PsychoGenics Inc.	\$98,114	PsychoGenics Inc.
Simons Foundation	16p11.2: Defining the gene(s) responsible (grant 1)	\$212,100	Cold Spring Harbor Laboratory
Simons Foundation	Top-down dynamics in autism	\$105,000	ROCKEFELLER UNIVERSITY
Simons Foundation	A novel window into ASD through genetic targeting of striosomes - Project 1	\$77,447	Cold Spring Harbor Laboratory
Simons Foundation	Role of the hippocampal CA2 region in autism	\$62,500	Columbia University
Simons Foundation	SCN2A mouse	\$60,000	Duke University
Simons Foundation	Understanding copy number variants associated with autism	\$125,000	Duke University
Simons Foundation	Role of the CUL3-mediated ubiquitination pathway in autism	\$0	Portland State University
Simons Foundation	Comprehensive Phenotyping of Autism Mouse Models	\$0	University of Pennsylvania
Simons Foundation	Uncovering the impact of 16p11.2del on neurons mediating motivated behavior	\$124,957	The Trustees of the University of Pennsylvania
Simons Foundation	Safety, Efficacy and Basis of Oxytocin and Brain Stimulation Therapy in ASD	\$114,583	University of Pennsylvania
Simons Foundation	In Vivo Functional Analysis of Autism Candidate Genes	\$123,750	Baylor College of Medicine
Simons Foundation	Circuit-level developmental and functional dynamics in an ASD genetic model	\$0	Univeristy of Queensland
Simons Foundation	Brain imaging of treatment response	\$62,167	The Hospital for Sick Children
Simons Foundation	Rapid drug discovery in genetic models of autism	\$0	Research Center of Centre hospitalier de l'Université de Montréal
Simons Foundation	Characterization of brain and behavior in 7q11.23 duplication syndrome-Core	\$138,402	University of Toronto
Simons Foundation	Role of Caspr2 (CNTNAP2) in brain circuits- Core	\$0	Weizmann Institute of Science
Simons Foundation	Functional connectivity in monogenic mouse models of autism	\$0	Fondazione Istituto Italiano di Tecnologia
Simons Foundation	Dissecting striatal circuit dynamics during repetitive behaviors in autism	\$107,254	Fundação D. Anna de Sommer Champalimaud e Dr. Carlos Montez Champalimaud
Simons Foundation	A zebrafish model to identify epigenetic mechanisms relevant to autism	\$0	King's College London
Simons Foundation	Role of Caspr2 (CNTNAP2) in brain circuits - Project 1	\$0	King's College London

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Simons Foundation	Identifying autism-associated signaling pathways regulated by CHD8 in vivo	\$62,500	King's College London

