

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	\$0	Brandeis University
Brain & Behavior Research Foundation	Pinpointing Genes Underlying Autism in Chromosomal Region 16p11.2	\$30,000	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	\$15,000	Duke University
Department of Defense - Army	Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPSCs	\$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 iPSCs	\$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 Health Science Center, San Antonio
Autism Science Foundation	Endocannabinoid Enhancement of Sociability in Autism-related Mouse Models	\$25,000	University of California, Irvine
Autism Speaks	Mechanism and treatment of ASD related behavior in the Cntnap2 knockout mouse model	\$0	University of California, Los Angeles
Autism Speaks	Preclinical Autism Consortium for Therapeutics (PACT)	\$389,677	University of California, Davis
Autism Speaks	Novel approaches to enhance social cognition by stimulating central oxytocin release	\$149,665	Emory University
Autism Speaks	Preclinical Autism Consortium for Therapeutics (PACT)-Boston Children's Hospital	\$316,301	Boston Children's Hospital
Autism Speaks	Identifying high-impact therapeutic targets for autism spectrum disorders using rat models	\$0	Mount Sinai School of Medicine
Autism Speaks	Effects of oxytocin receptor agonists in mouse models of autism spectrum disorder phenotypes	\$0	University of North Carolina
Autism Speaks	Evaluating hyperserotonemia as a biomarker of sensory dysfunction in autism spectrum disorder	\$0	Vanderbilt University
Autism Speaks	Preclinical therapeutic target validation of glutamate receptors in Shank3 models of autism	\$0	University of Texas Southwestern Medical Center
Autism Speaks	Integrative system biology of iPSC-induced neurons for identifying novel drug targets	\$0	Baylor College of Medicine
Autism Speaks	Rat knockout models of ASD	\$0	Baylor College of Medicine

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Autism Speaks	Temporally controlled genetic rescue of Shank3 autism model	\$0	University of Texas Southwestern Medical Center
National Institutes of Health	Reversing BDNF Impairments in Rett Mice with TRPC Channel Activators	\$142,398	UNIVERSITY OF ALABAMA AT BIRMINGHAM
National Institutes of Health	Effects of Chronic Intranasal Oxytocin	\$125,448	University of California, Davis
National Institutes of Health	Effects of Chronic Intranasal Oxytocin	\$1,103,903	University of California, Davis
National Institutes of Health	Functional Analysis of Rare Variants in Genes Associated with Autism	\$146,625	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	\$477,402	Emory University
National Institutes of Health	A NOVEL TRANSLATIONAL MODEL OF AUTISM SPECTRUM DISORDER	\$223,125	Emory University
National Institutes of Health	Mechanisms of stress-enhanced aversive conditioning	\$381,250	NORTHWESTERN UNIVERSITY
National Institutes of Health	Roles of Oxytocin and Vasopressin in Brain	\$1,947,833	National Institutes of Health
National Institutes of Health	Studies of genetic and metabolic disorders, autism and premature aging	\$157,328	National Institutes of Health
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	Regulation of Neuroligins and Effects on Synapse Number and Function	\$759,674	National Institutes of Health
National Institutes of Health	Identifying therapeutic targets for autism using Shank3-deficient mice	\$486,501	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
National Institutes of Health	Casein Kinase 1 Inhibitors for Treatment of Autism	\$349,610	INTRA-CELLULAR THERAPIES, INC.
National Institutes of Health	Prefrontal function in the Shank3-deficient rat: A first rat model for ASD	\$544,401	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
National Institutes of Health	A novel neural circuit analysis paradigm to model autism in mice	\$196,667	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	Vicarious Neural Activity, Genetic Differences and Social Fear Learning	\$56,978	Oregon Health & Science 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	\$229,702	Vanderbilt University
National Institutes of Health	Neurobiological Signatures of Social Dysfunction and Repetitive Behavior	\$390,000	Vanderbilt University
National Institutes of Health	Striatal synaptic Abnormalities in Models of Autism	\$397,500	UT SOUTHWESTERN MEDICAL CENTER

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National Institutes of Health	THE GENETIC AND NEUROANATOMICAL ORIGIN OF SOCIAL BEHAVIOR	\$391,250	BAYLOR COLLEGE OF MEDICINE
National Institutes of Health	Animal Model of Speech Sound Processing in Autism	\$251,777	UNIVERSITY OF TEXAS DALLAS
National Institutes of Health	Novel Genetic Models of Autism	\$328,415	UT SOUTHWESTERN MEDICAL CENTER
Simons Foundation	Neural mechanisms of social reward in mouse models of autism	\$124,997	Stanford University
Simons Foundation	How do autism-related mutations affect basal ganglia function?	\$62,500	University of California, Berkeley
Simons Foundation	Chromatin remodeling in autism	\$125,000	Stanford University
Simons Foundation	Characterization of brain and behavior in 7q11.23 duplication syndrome-Project 1	\$90,696	University of California, Davis
Simons Foundation	The Role of Cation/Proton Exchanger NHE9 in Autism	\$62,500	University of California, San Francisco
Simons Foundation	16p11.2 deletion mice: Autism-relevant phenotypes and treatment discovery	\$200,000	Stanford University
Simons Foundation	Investigating Wnt signaling variants in mouse models of ASD	\$60,000	University of California, San Francisco
Simons Foundation	Neuroigin function in the prefrontal cortex and autism pathogenesis	\$125,000	Stanford University
Simons Foundation	Role of Caspr2 (CNTNAP2) in brain circuits - Project 2	\$159,168	University of California, Los Angeles
Simons Foundation	Linking cortical circuit dysfunction and abnormal behavior in genetic mouse models of autism	\$258,358	University of California, Los Angeles
Simons Foundation	Behavioral evaluation of a novel autism mouse model	\$30,000	Shriners Hospitals for Children - Northern California
Simons Foundation	In vivo approach to screen ASD allele functions in cortical interneurons	\$62,500	University of California, San Francisco
Simons Foundation	16p11.2 deletion mice: autism-relevant phenotypes and treatment discovery	\$200,000	University of California, Davis
Simons Foundation	Functional consequences of disrupted MET signaling	\$48,509	Children's Hospital Los Angeles
Simons Foundation	Biomarker discovery for low sociability: A monkey model	\$125,000	Stanford University
Simons Foundation	Exploring VIPR2 microduplication linkages to autism in a mouse model	\$0	University of California, Los Angeles
Simons Foundation	Microcircuit endophenotypes for autism	\$62,500	University of California, San Francisco
Simons Foundation	Disruption of Cortical Projection Neurons, Circuits, and Cognition in ASD	\$120,953	The George Washington University
Simons Foundation	Cerebellar signaling in mouse models of autism	\$0	NORTHWESTERN UNIVERSITY
Simons Foundation	CHD8 and beta-catenin signaling in autism	\$62,500	University of Chicago
Simons Foundation	Understanding brain disorders related to the 15q11.2 chromosomal region	\$125,000	Johns Hopkins University
Simons Foundation	The role of glutamate receptor interacting proteins in autism	\$125,000	Johns Hopkins University

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Simons Foundation	Deep Brain Stimulation for Autistic Self-Injurious Behavior	\$60,000	Johns Hopkins University
Simons Foundation	Neural and cognitive mechanisms of autism	\$0	Massachusetts Institute of Technology
Simons Foundation	The role of PTCHD1 in thalamic reticular nucleus function and ASD	\$125,000	Massachusetts Institute of Technology
Simons Foundation	Analysis of oxytocin function in brain circuits processing social cues	\$62,500	Harvard University
Simons Foundation	Molecular consequences of strong effect ASD mutations including 16p11.2	\$125,000	Massachusetts General Hospital
Simons Foundation	The tissue-specific transcriptome anatomy of 16p11.2 microdeletion syndrome	\$60,000	Massachusetts General Hospital
Simons Foundation	Optical imaging of circuit dynamics in autism models in virtual reality	\$184,781	Harvard Medical School
Simons Foundation	Deficits in tonic inhibition and the pathology of autism spectrum disorders	\$0	Tufts University
Simons Foundation	A novel window into ASD through genetic targeting of striosomes - Core	\$83,764	Massachusetts Institute of Technology
Simons Foundation	Synaptic pathophysiology of 16p11.2 model mice	\$125,000	Massachusetts Institute of Technology
Simons Foundation	Deep Phenotyping of Autism Spectrum Disorder Mice	\$216,994	Harvard University
Simons Foundation	Investigating the effects of chromosome 22q11.2 deletions	\$0	Columbia University
Simons Foundation	A novel window into ASD through genetic targeting of striosomes - Project 1	\$82,473	Cold Spring Harbor Laboratory
Simons Foundation	PsychoGenics Inc.	\$218,567	PsychoGenics Inc.
Simons Foundation	16p11.2: Defining the gene(s) responsible (grant 1)	\$210,240	Cold Spring Harbor Laboratory
Simons Foundation	Autism-linked TBR1 gene in learning-related synaptic plasticity	\$0	Columbia University
Simons Foundation	A mouse model of top-down interactions	\$100,000	Rockefeller University
Simons Foundation	Small-molecule compounds for treating autism spectrum disorders	\$0	University of North Carolina
Simons Foundation	Understanding copy number variants associated with autism	\$250,000	Duke University
Simons Foundation	Role of the CUL3-mediated ubiquitination pathway in autism	\$59,340	Portland State University
Simons Foundation	Safety, Efficacy and Basis of Oxytocin and Brain Stimulation Therapy in ASD	\$114,583	University of Pennsylvania
Simons Foundation	Misregulation of microtubule dynamics in Autism	\$0	Drexel University
Simons Foundation	Comprehensive Phenotyping of Autism Mouse Models	\$58,713	University of Pennsylvania
Simons Foundation	Circuit-level developmental and functional dynamics in an ASD genetic model	\$60,000	Univeristy of Queensland

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Simons Foundation	Rapid drug discovery in genetic models of autism	\$59,834	Research Center of Centre hospitalier de l'Universit� de Montr�al
Simons Foundation	Characterization of brain and behavior in 7q11.23 duplication syndrome-Core	\$164,326	University of Toronto
Simons Foundation	Role of Caspr2 (CNTNAP2) in brain circuits- Core	\$89,999	Weizmann Institute of Science
Simons Foundation	Functional connectivity in monogenic mouse models of autism	\$55,260	Fondazione Istituto Italiano di Tecnologia
Simons Foundation	Dissecting striatal circuit dynamics during repetitive behaviors in autism	\$182,254	Funda�o D. Anna de Sommer Champalimaud e Dr. Carlos Montez Champalimaud
Simons Foundation	A zebrafish model to identify epigenetic mechanisms relevant to autism	\$60,000	King's College London
Simons Foundation	Role of Caspr2 (CNTNAP2) in brain circuits - Project 1	\$154,145	King's College London

