

Funder	Project Title	Funding	Institution
Brain & Behavior Research Foundation	Characterization of synaptic and neural circuitry dysfunction underlying ASD-like behaviors using a novel genetic mouse model	\$0	Duke University
Brain & Behavior Research Foundation	Adverse prenatal environment and altered social and anxiety-related behaviors	\$15,000	University of Pennsylvania
Brain & Behavior Research Foundation	Cellular and molecular pathways of cortical afferentation in autism spectrum disorders	\$45,000	University of Geneva
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 at Chapel Hill
Department of Defense - Army	Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	University of North Carolina at Chapel Hill
Department of Defense - Army	Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	University of North Carolina at Chapel Hill
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 at San Antonio
Autism Science Foundation	Using induced-pluripotent stem cells to study Phelan McDermid Syndrome	\$0	Stanford University School of Medicine
Autism Science Foundation	Role of astrocytic glutamate transporter GLT1 in fragile X	\$0	Tufts University
Autism Speaks	Mechanism and treatment of ASD related behavior in the Cntnap2 knockout mouse model	\$60,000	University of California, Los Angeles
Autism Speaks	Preclinical Autism Consortium for Therapeutics	\$94,331	University of California, Davis
Autism Speaks	Preclinical Autism Consortium for Therapeutics (PACT)	\$200,894	University of California, Davis
Autism Speaks	Novel approaches to enhance social cognition by stimulating central oxytocin release	\$119,499	Emory University
Autism Speaks	Preclinical Autism Consortium for Therapeutics (PACT)-Boston Children's Hospital Site	\$91,174	Boston Children's Hospital
Autism Speaks	Preclinical Autism Consortium for Therapeutics (PACT)-Boston Children's Hospital	\$172,009	Boston Children's Hospital
Autism Speaks	Identifying high-impact therapeutic targets for autism spectrum disorders using rat models	\$137,173	Mount Sinai School of Medicine
Autism Speaks	Effects of oxytocin receptor agonists in mouse models of autism spectrum disorder phenotypes	\$50,600	University of North Carolina at Chapel Hill
Autism Speaks	Functional study of synaptic scaffold protein SHANK3 and autism mouse model	\$0	Duke University
Autism Speaks	Evaluating hyperserotonemia as a biomarker of sensory dysfunction in autism spectrum disorder	\$28,600	Vanderbilt University

Funder	Project Title	Funding	Institution
Autism Speaks	Integrative system biology of iPSC-induced neurons for identifying novel drug targets	\$56,900	Baylor College of Medicine
Autism Speaks	Rat knockout models of ASD	\$0	Baylor College of Medicine
Autism Speaks	Temporally controlled genetic rescue of Shank3 autism model	\$60,000	University of Texas Southwestern Medical Center
Autism Speaks	Preclinical Autism Consortium for Therapeutics (PACT) at Baylor College of Medicine	\$98,351	Baylor College of Medicine
Autism Speaks	Preclinical therapeutic target validation of glutamate receptors in Shank3 models of autism	\$58,900	University of Texas Southwestern Medical Center
National Institutes of Health	Reversing BDNF impairments in Rett mice with TRPC channel activators	\$256,375	University of Alabama at Birmingham
National Institutes of Health	Effects of chronic intranasal oxytocin	\$526,020	University of California, Davis
National Institutes of Health	Insight into MeCP2 function raises therapeutic possibilities for Rett syndrome	\$277,269	University of California, San Francisco
National Institutes of Health	Exploring the neuronal phenotype of autism spectrum disorders using induced pluri	\$180,391	Stanford University
National Institutes of Health	Functional analysis of rare variants in genes associated with autism	\$146,625	Yale University
National Institutes of Health	Oxytocin receptors and social behavior	\$422,748	Emory University
National Institutes of Health	Characterization of the schizophrenia-associated 3q29 deletion in mouse	\$528,118	Emory University
National Institutes of Health	A novel translational model of autism spectrum disorder	\$267,750	Emory University
National Institutes of Health	Training in translational social neuroscience	\$98,163	Emory University
National Institutes of Health	Mechanisms of stress-enhanced aversive conditioning	\$366,000	Northwestern University
National Institutes of Health	Roles of oxytocin and vasopressin in brain	\$1,496,471	National Institutes of Health
National Institutes of Health	Studies of genetic and metabolic disorders, autism and premature aging	\$1,446,354	National Institutes of Health
National Institutes of Health	Investigating the role of CNTNAP2 gene in vocal learning in mutant songbirds	\$197,609	University of Massachusetts Medical School
National Institutes of Health	Serotonin, autism, and investigating cell types for CNS disorders	\$235,867	Washington University in St. Louis
National Institutes of Health	Identifying therapeutic targets for autism using Shank3-deficient mice	\$466,151	Mount Sinai School of Medicine
National Institutes of Health	Vicarious neural activity, genetic differences and social fear learning	\$53,942	Oregon Health & Science University
National Institutes of Health	Modeling the serotonin contribution to autism spectrum disorders	\$222,643	Vanderbilt University Medical Center
National Institutes of Health	Tooth pulp as a source for neuronal precursor cells to study neurogenetic disorders	\$217,125	University of Tennessee Health Science Center

Funder	Project Title	Funding	Institution
National Institutes of Health	Neurobiological signatures of social dysfunction and repetitive behavior	\$374,400	Vanderbilt University Medical Center
National Institutes of Health	Striatal synaptic abnormalities in models of autism	\$381,600	University of Texas Southwestern Medical Center
National Institutes of Health	Animal model of speech sound processing in autism	\$239,188	University of Texas at Dallas
National Institutes of Health	Neuroigin function in vivo: Implications for autism and mental retardation	\$373,032	University of Texas Southwestern Medical Center
National Institutes of Health	Novel genetic models of autism	\$415,328	University of Texas Southwestern Medical Center
Simons Foundation	Functional consequences of disrupted MET signaling	\$0	Children's Hospital Los Angeles
Simons Foundation	Quantitative analysis of effect of autism-related genes on behavioral regulation	\$0	University of California, San Francisco
Simons Foundation	16p11.2 deletion mice: Autism-relevant phenotypes and treatment discovery	\$200,000	Stanford University
Simons Foundation	Effect of abnormal calcium influx on social behavior in autism	\$62,500	University of California, San Francisco
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	\$90,713	University of California, Davis
Simons Foundation	16p11.2 deletion mice: autism-relevant phenotypes and treatment discovery	\$200,000	University of California, Davis
Simons Foundation	Exploring VIPR2 microduplication linkages to autism in a mouse model	\$60,000	University of California, Los Angeles
Simons Foundation	Role of Caspr2 (CNTNAP2) in brain circuits - Project 2	\$0	University of California, Los Angeles
Simons Foundation	Cerebellar signaling in mouse models of autism	\$125,000	Northwestern University
Simons Foundation	Studying the neural development of patient-derived stem cells	\$62,500	Johns Hopkins University School of Medicine
Simons Foundation	The role of glutamate receptor intereacting proteins in autism	\$249,999	Johns Hopkins University School of Medicine
Simons Foundation	Deficits in tonic inhibition and the pathology of autism spectrum disorders	\$62,500	Tufts University
Simons Foundation	Control of synaptic protein synthesis in the pathogenesis and therapy of autism	\$148,914	Massachusetts General Hospital
Simons Foundation	Dissecting the circuits underlying autism-like behaviors in mice	\$175,000	Massachusetts Institute of Technology
Simons Foundation	Perinatal choline supplementation as a treatment for autism	\$0	Boston University
Simons Foundation	Synaptic pathophysiology of 16p11.2 model mice	\$250,000	Massachusetts Institute of Technology
Simons Foundation	Establishing next-generation tools for quantitative behavioral phenotyping	\$0	Harvard Medical School
Simons Foundation	Neural and cognitive mechanisms of autism	\$0	Massachusetts Institute of Technology

Funder	Project Title	Funding	Institution
Simons Foundation	Optical imaging of circuit dynamics in autism models in virtual reality	\$0	Harvard Medical School
Simons Foundation	Cell type-specific profiling for autism spectrum disorders	\$0	Columbia University
Simons Foundation	Role of cadherin 8 in assembling circuits in the prefrontal cortex	\$62,376	Mount Sinai School of Medicine
Simons Foundation	16p11.2: Defining the gene(s) responsible (grant 1)	\$104,190	Cold Spring Harbor Laboratory
Simons Foundation	PsychoGenics Inc.	\$312,375	PsychoGenics Inc.
Simons Foundation	A mouse model of top-down interactions	\$0	The Rockefeller University
Simons Foundation	16p11.2: defining the gene(s) responsible	\$175,000	Cold Spring Harbor Laboratory
Simons Foundation	Role of RAS/RAF/ERK pathway in pathogenesis and treatment of autism	\$0	New York State Institute for Basic Research in Developmental Disabilities
Simons Foundation	Investigating the effects of chromosome 22q11.2 deletions	\$150,000	Columbia University
Simons Foundation	Small-molecule compounds for treating autism spectrum disorders	\$175,000	University of North Carolina at Chapel Hill
Simons Foundation	Role of UBE3A in neocortical plasticity and function	\$77,686	University of North Carolina at Chapel Hill
Simons Foundation	Understanding copy number variants associated with autism	\$250,000	Duke University Medical Center
Simons Foundation	Comprehensive Phenotyping of Autism Mouse Models	\$416,495	The University of Pennsylvania
Simons Foundation	Misregulation of microtubule dynamics in Autism	\$60,000	Drexel University
Simons Foundation	Characterization of brain and behavior in 7q11.23 duplication syndrome-Core	\$164,853	University of Toronto
Simons Foundation	Role of Caspr2 (CNTNAP2) in brain circuits- Core	\$89,999	Weizmann Institute of Science
Simons Foundation	Role of Caspr2 (CNTNAP2) in brain circuits - Project 1	\$79,675	King's College London

