

Funder	Project Title	Funding	Strategic Plan Objective	Institution
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
Brain & Behavior Research Foundation	Excitatory/Inhibitory Imbalance in Autism and Early-course Schizophrenia	\$14,931	2.1	Yale University
Brain & Behavior Research Foundation	Modeling Microglial Involvement in Autism Spectrum Disorders, with Human Neuro-glial Co-cultures	\$35,000	2.1	Whitehead Institute for Biomedical Research
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
Brain & Behavior Research Foundation	Dissecting the Neural Circuit Deficits in Autism Spectrum Disorders through CASPR4	\$0	3.1	University of Zurich; Brain Research Institute
Brain & Behavior Research Foundation	Brain Connectivity Changes in Autism as a Function of Motor Training: A Pilot Study	\$34,999	4.3	University of Wisconsin-Madison
Brain & Behavior Research Foundation	Evoked Neurotransmitter and Neurochemical Amygdala Responses and Autonomic Arousal to Social Threat and Safety Signals in Typically Developing and Autistic Children and Adolescents	\$35,000	2.1	University of Wisconsin-Madison
Brain & Behavior Research Foundation	a-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95	\$19,748	2.1	University of Tuebingen
Brain & Behavior Research Foundation	SINEUPs Technology to Rescue CHD8 Haploinsufficiency: Possible New Avenues of Therapeutical Intervention for Autism Spectrum Disorders (ASD)	\$35,000	3.1	University of Trento
Brain & Behavior Research Foundation	Modulation of the Oxytocin System in a Mouse Model of Autism Spectrum Disorder (ASD)	\$32,158	4.1	University of the Basque Country
Brain & Behavior Research Foundation	Abnormal connectivity in autism	\$14,881	2.1	University of Southern California
Brain & Behavior Research Foundation	Perinatal SSRIs and Social Behavior; Developmental Trajectories and Neurobiological Correlates	\$35,000	3.2	University of Rennes
Brain & Behavior Research Foundation	Interpersonal Neural Coordination During Social Interaction in Children with Autism Spectrum Disorders	\$34,970	2.1	University of Pittsburgh
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
Brain & Behavior Research Foundation	Reconceptualizing Brain Connectivity and Development in Autism	\$35,000	2.1	University of Miami
Brain & Behavior Research Foundation	Autism Linked LRRTM4-Heparan Sulphate Proteoglycan Complex Functions in Synapse Development	\$0	2.1	University of Manitoba

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Brain & Behavior Research Foundation	The Study of Homeostatic Downscaling in Psychiatric Disorders	\$35,000	2.1	University of Illinois at Urbana-Champaign
Brain & Behavior Research Foundation	Whole Brain Microscopy to Quantify the Effect of ASD Associated Mutations on Brain Development	\$17,500	3.1	University of California, San Francisco
Brain & Behavior Research Foundation	Investigations of a Proposed Molecular Feedback Loop in Cortical Neurons in Psychiatric Pathogenesis	\$25,000	4.1	University of California, San Francisco
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
Brain & Behavior Research Foundation	Investigating the Role of Cntnap2, an Autism Risk Gene, in Regulating the Oxytocin System	\$66,667	3.1	University of California, Los Angeles
Brain & Behavior Research Foundation	Microglia-synapse Interactions: The Bridge Between Neuroinflammation and Neurodevelopmental Disorders	\$35,000	3.2	University Laval
Brain & Behavior Research Foundation	Identification of Genetic Mutations in Consanguineous Families with Autism Spectrum Disorders using Whole Exome Sequencing	\$0	3.1	The Hospital for Sick Children
Brain & Behavior Research Foundation	High-throughput Screening of Novel Trinucleotide Repeat Expansion in Autism Spectrum Disorders	\$15,000	3.1	The Hospital for Sick Children
Brain & Behavior Research Foundation	Antigenic Specificity and Neurological Effects of Monoclonal Anti-brain Antibodies Isolated from Mothers of a Child with Autism Spectrum Disorder: Toward Protection Studies	\$35,000	2.1	The Feinstein Institute for Medical Research
Brain & Behavior Research Foundation	Interrogating Synaptic Transmission in Human Neurons	\$17,500	2.1	Stanford University
Brain & Behavior Research Foundation	Behavioral, Cognitive, and Neural Signatures of Autism in Girls: Towards Big Data Science in Psychiatry	\$35,000	2.CC	Stanford University
Brain & Behavior Research Foundation	Enhancing Social Learning Through Oxytocin Augmentation of Social Skills Groups in Children with ASD	\$65,000	4.1	Rush University
Brain & Behavior Research Foundation	The Interaction of Early Social Experience and Oxytocin and Vasopressin Receptor Gene Variants in Predicting Individual Differences in Adult Social Behavior in Prairie Voles (Microtus Ochrogaster)	\$35,000	3.3	Quinnipiac University
Brain & Behavior Research Foundation	The Impact of Sleep Disturbance During Development on Autism-like Social Behavior in Voles	\$35,000	2.2	Portland VA Research Foundation; Oregon Health and Science University

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Brain & Behavior Research Foundation	Identifying Patterns of Genetic Variants Conferring Risk for Neurodevelopmental Disorders	\$17,493	3.1	Pennsylvania State University
Brain & Behavior Research Foundation	A Massively Parallel Approach to Functional Testing of PTEN Mutations	\$34,710	2.1	Oregon Health & Science University
Brain & Behavior Research Foundation	Common Thalamic Circuits for Sleep and Attention	\$17,500	2.2	New York University
Brain & Behavior Research Foundation	Dissecting the Human Magnocellular Visual Pathway in Perceptual Disorders	\$33,000	2.2	New York University
Brain & Behavior Research Foundation	Multimodal Characterization of the Brain Phenotype in Children with Duplication of the 7q11.23 Williams Syndrome Chromosomal Region: A Well-defined Genetic Model for Autism	\$100,000	2.1	National Institutes of Health
Brain & Behavior Research Foundation	A Novel GABA Signalling Pathway in the CNS	\$25,000	2.1	McLean Hospital
Brain & Behavior Research Foundation	Mechanisms of eIF4E-dependent Translational Control in Autism	\$66,667	2.1	McGill University
Brain & Behavior Research Foundation	Role of Serotonin Signaling during Neural Circuitry Formation in Autism Spectrum Disorders	\$15,000	2.1	Massachusetts Institute of Technology
Brain & Behavior Research Foundation	Advancing a Biomarker of Disrupted GABAergic Neurotransmission in Autism	\$17,500	2.1	Massachusetts Institute of Technology
Brain & Behavior Research Foundation	Rapid Phenomic Interrogation of CRISPR-Cas9 Edited Mammalian Brains	\$35,000	2.1	Massachusetts Institute of Technology
Brain & Behavior Research Foundation	Genotype to Phenotype Association in Autism Spectrum Disorders	\$32,500	2.1	Massachusetts General Hospital
Brain & Behavior Research Foundation	Regulation of an Activity-dependent Transcription Factor by MeCP2	\$35,000	3.1	Johns Hopkins University School of Medicine
Brain & Behavior Research Foundation	Epigenetic Regulation of Gene Expression and DNA Methylation Associated with Autism Spectrum Disorders	\$35,000	3.3	Johns Hopkins University
Brain & Behavior Research Foundation	Developmental Role of Prefrontal Cortex-raphe Circuits in Stress and Mood Disorders	\$17,500	2.1	INSERM
Brain & Behavior Research Foundation	The Role of Sensory Over-responsivity in the Development of Anxiety in Children With and Without Autism	\$34,672	2.2	Duke University Medical Center
Brain & Behavior Research Foundation	Characterization of synaptic and neural circuitry dysfunction underlying ASD-like behaviors using a novel genetic mouse model	\$45,000	4.Core/Other	Duke University
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

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Brain & Behavior Research Foundation	Comparing the Effect of Non-invasive Brain Stimulation on Different Brain Regions for Reducing Social Symptoms in Autism Spectrum Disorder	\$24,995	6.2	Deakin University
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
Brain & Behavior Research Foundation	Neural Basis of Deficits in Multisensory Integration in Schizophrenia and ASD	\$17,500	2.1	Columbia University
Brain & Behavior Research Foundation	Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	\$15,000	1.3	College of Staten Island (City University of New York)
Brain & Behavior Research Foundation	Whole Brain Mapping of the Effects of Intranasal Oxytocin in CNTNAP2 KO Mouse Model of Autism	\$18,819	4.1	Cold Spring Harbor Laboratory
Brain & Behavior Research Foundation	Developing Neural Markers to Evaluate Social Skills Training in ASD	\$35,000	2.1	California Institute of Technology
Brain & Behavior Research Foundation	Rebuilding Inhibition in the Autistic Brain	\$49,680	2.1	Brandeis University
Brain & Behavior Research Foundation	Dysfunction of Cortical Systems for Language and Working Memory in Autism Spectrum Disorder	\$17,500	2.1	Boston University

