Resource Summary Report

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SFARI - Simons Foundation Autism Research Initiative

RRID:SCR_004261
Type: Tool

Proper Citation

SFARI - Simons Foundation Autism Research Initiative (RRID:SCR_004261)

Resource Information

URL: https://sfari.org/

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Description: Launched in 2005, the Simons Foundation Autism Research Initiative (SFARI) is a research campaign within the Simons Foundation''s overall suite of programs. SFARI''s mission is to improve the diagnosis and treatment of autism spectrum disorders by funding, catalyzing and driving innovative research of the greatest quality and relevance. Although SFARI''s priority is to benefit individuals challenged by these disorders, its efforts are certain to yield insights into the neural mechanisms of fundamental human capabilities, thereby promoting the broader mission of the Simons Foundation to advance the frontiers of research in the basic sciences and mathematics. Autism spectrum disorders are a set of complex developmental disorders characterized by persistent deficits in social communication and interaction, as well as restricted behaviors, interests or activities. The Centers for Disease Control and Prevention estimates that roughly 1 in 110 children in the U.S. have autism, with many more boys affected than girls. These disorders cost the U.S. economy an estimated $35 billion dollars each year in direct care costs and lost productivity, and extract an incalculable human toll.

Abbreviations: SFARI

Synonyms: Simons Foundation Autism Research Initiative

Resource Type: disease-related portal, portal, topical portal, funding resource, data or information resource

Keywords: rfa, grant, autism spectrum disorder

Funding:

Resource Name: SFARI - Simons Foundation Autism Research Initiative

Resource ID: SCR_004261

Alternate IDs: nlx_27321

Old URLs: https://sfari.org/web/sfari/

Record Creation Time: 20220129T080223+0000

Record Last Update: 20250503T055638+0000

Ratings and Alerts

No rating or validation information has been found for SFARI - Simons Foundation Autism Research Initiative.

No alerts have been found for SFARI - Simons Foundation Autism Research Initiative.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 56 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Huguet G, et al. (2024) Effects of gene dosage on cognitive ability: A function-based association study across brain and non-brain processes. Cell genomics, 4(12), 100721.

Chase J, et al. (2024) Adolescent and adult mice use both incremental reinforcement learning and short term memory when learning concurrent stimulus-action associations. PLoS computational biology, 20(12), e1012667.

K C R, et al. (2024) Zmiz1 is a novel regulator of brain development associated with autism and intellectual disability. Frontiers in psychiatry, 15, 1375492.

Formicola D, et al. (2024) Expanding the molecular landscape of childhood apraxia of speech: evidence from a single-center experience. Frontiers in neuroscience, 18, 1396240.

Kurumada C, et al. (2024) Perception and adaptation of receptive prosody in autistic adolescents. Scientific reports, 14(1), 16409.

Guerra M, et al. (2024) Unravelling the Cerebellar Involvement in Autism Spectrum Disorders: Insights into Genetic Mechanisms and Developmental Pathways. Cells, 13(14).

Rødgaard EM, et al. (2024) Clinical correlates of diagnostic certainty in children and youths with Autistic Disorder. Molecular autism, 15(1), 15.

Li K, et al. (2024) Prioritizing de novo potential non-canonical splicing variants in neurodevelopmental disorders. EBioMedicine, 99, 104928.

Luo T, et al. (2024) Association between de novo variants of nuclear-encoded mitochondrial-related genes and undiagnosed developmental disorder and autism. QJM : monthly journal of the Association of Physicians, 117(4), 269.

Kopal J, et al. (2024) Using rare genetic mutations to revisit structural brain asymmetry. Nature communications, 15(1), 2639.

Wu CG, et al. (2024) B56? long-disordered arms form a dynamic PP2A regulation interface coupled with global allostery and Jordan's syndrome mutations. Proceedings of the National Academy of Sciences of the United States of America, 121(1), e2310727120.

Lee JY, et al. (2024) Murine glial protrusion transcripts predict localized Drosophila glial mRNAs involved in plasticity. The Journal of cell biology, 223(10).

Lipkin WI, et al. (2023) Cohort-guided insights into gene-environment interactions in autism spectrum disorders. Nature reviews. Neurology, 19(2), 118.

Jasim S, et al. (2023) Repetitive and restricted behaviors and interests in autism spectrum disorder: relation to individual characteristics and mental health problems. BMC psychiatry, 23(1), 356.

Fernandez TV, et al. (2023) Primary complex motor stereotypies are associated with de novo damaging DNA coding mutations that identify KDM5B as a risk gene. PloS one, 18(10), e0291978.

Cucinotta F, et al. (2023) Diagnostic yield and clinical impact of chromosomal microarray analysis in autism spectrum disorder. Molecular genetics & genomic medicine, 11(8), e2182.

Qin Y, et al. (2022) A recurrent SHANK1 mutation implicated in autism spectrum disorder causes autistic-like core behaviors in mice via downregulation of mGluR1-IP3R1-calcium signaling. Molecular psychiatry, 27(7), 2985.

Gagnon D, et al. (2022) Using developmental regression to reorganize the clinical importance of autistic atypicalities. Translational psychiatry, 12(1), 498.

Weiner DJ, et al. (2022) Statistical and functional convergence of common and rare genetic

influences on autism at chromosome 16p. Nature genetics, 54(11), 1630.

Wotton JM, et al. (2022) Identifying genetic determinants of inflammatory pain in mice using a large-scale gene-targeted screen. Pain, 163(6), 1139.