

Autism Research Databases & Open Resources Directory

Public research infrastructure directory

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Global Autism Research Center (GARC) | A specialized research center within GRS Group

Publication note: External resources are not owned, operated or partnered with GARC unless explicitly stated and independently verified. Access conditions can change; researchers should verify provider terms at the point of use.

Directory scope

This public release lists 79 research resources spanning autism-specific datasets, cohorts, registries, genomics, neuroimaging, literature discovery, research repositories, policy sources and open-science infrastructure.

Access categories

- **Open:** Accessible without project-specific approval, subject to provider terms.
- **Registration Required:** Account or registration is required.
- **Controlled Access:** Governance or approval conditions apply.
- **Application Required:** A researcher or project application is required.
- **Restricted / Site-specific:** Access depends on institution, site or provider-specific requirements.

Resources directory

ID	Resource	Type	Access	Best use	Official URL
GARC-RES-001	SFARI Base	Autism data/biospecimen access	Application / approved access	Autism genetics; phenotype; biospecimens	https://base.sfari.org/
GARC-RES-002	SPARK	Large autism cohort	Controlled/ application	Genetics; phenotype; epidemiology	https://sparkforautism.org/
GARC-RES-003	Simons Simplex Collection	Autism cohort/biospecimens	Controlled/ application	Genetics; phenotype	https://www.sfari.org/resource/simons-simplex-collection/
GARC-RES-004	Simons Searchlight	Genetic-neurodevelopment cohort	Controlled/ application	Rare variants; NDD	https://www.simonssearchlight.org/
GARC-RES-005	Autism BrainNet	Brain tissue resource	Application/ controlled	Neuroscience; molecular; omics	https://autismbrainnet.org/
GARC-RES-006	Autism Inpatient Collection	Clinical autism cohort	Controlled/ application	Complex clinical phenotype	https://www.sfari.org/resource/autism-inpatient-collection/
GARC-RES-007	SFARI Gene	Curated autism gene database	Open browse; terms apply	Genetics; molecular research	https://gene.sfari.org/
GARC-RES-008	NIMH Data Archive	Federal data archive	Mixed/open metadata + controlled data	Broad autism/NDD research	https://nda.nih.gov/

GARC-RES-009	ABIDE I/II	Neuroimaging dataset	Open/registered depending distribution	Neuroimaging; connectivity	http://fcon_1000.projects.nitrc.org/indi/abide/
GARC-RES-010	ClinicalTrials.gov	Trial registry	Open	Trials; recruitment; intervention mapping	https://clinicaltrials.gov/
GARC-RES-011	PubMed/MEDLINE	Bibliographic database	Open search	Systematic/scoping reviews	https://pubmed.ncbi.nlm.nih.gov/
GARC-RES-012	Europe PMC	Literature and grants database	Open	Literature mining; open full text	https://europepmc.org/
GARC-RES-013	OpenAlex	Scholarly metadata graph	Open API/data subject to terms	Bibliometrics; landscape analysis	https://openalex.org/
GARC-RES-014	Crossref	DOI metadata infrastructure	Open API subject to terms	Metadata validation; DOI enrichment	https://www.crossref.org/
GARC-RES-015	NCBI GEO	Functional genomics repository	Open/study-specific	Transcriptomics; molecular research	https://www.ncbi.nlm.nih.gov/geo/
GARC-RES-016	dbGaP	Genotype-phenotype archive	Controlled/study-specific	Genetics; genomics	https://www.ncbi.nlm.nih.gov/gap/
GARC-RES-017	Autism CRC Knowledge Centre	Knowledge repository	Open	Knowledge translation; policy; education	https://www.autismcrc.com.au/knowledge-centre
GARC-RES-018	WHO IRIS	Institutional repository	Open	Policy/context; disability; health systems	https://iris.who.int/
GARC-RES-019	UNICEF Data	Global child data	Open/mixed	Child policy and contextual analyses	https://data.unicef.org/
GARC-RES-020	NCBI SRA	Sequence archive	Open/controlled by study	Genomics; transcriptomics	https://www.ncbi.nlm.nih.gov/sra
GARC-RES-021	European Genome-phenome Archive (EGA)	Genomic/phenotypic archive	Controlled access	Genomics; rare variants	https://ega-archive.org/
GARC-RES-022	European Nucleotide Archive (ENA)	Sequence archive	Open/mixed	Genomics	https://www.ebi.ac.uk/ena/
GARC-RES-023	ArrayExpress / BioStudies	Functional genomics / study archive	Open/mixed	Transcriptomics; molecular	https://www.ebi.ac.uk/biostudies/arrayexpress
GARC-RES-024	GTEx Portal	Tissue gene expression	Open/mixed	Reference transcriptomics	https://gtexportal.org/
GARC-RES-025	gnomAD	Population genomics	Open browse/download	Variant interpretation	https://gnomad.broadinstitute.org/
GARC-RES-026	ClinVar	Clinical variants	Open	Variant interpretation	https://www.ncbi.nlm.nih.gov/clinvar/
GARC-RES-027	OMIM	Human genes and disorders	Open browse; licensing for bulk	Rare disease/genetic interpretation	https://omim.org/

			use		
GARC-RES-028	DECIPHER	Genomic variation resource	Registered/ controlled for some data	Rare variants; CNVs	https://www.deciphergenomics.org/
GARC-RES-029	Human Protein Atlas	Protein expression atlas	Open	Biomarker/ contextual molecular analysis	https://www.proteinatlas.org/
GARC-RES-030	Allen Brain Atlas	Brain atlas/data portal	Open	Neuroscience; brain development	https://portal.brain-map.org/
GARC-RES-031	BrainSpan	Developmental brain transcriptome	Open	Neurodevelopment; gene expression	https://www.brainspan.org/
GARC-RES-032	PsychENCODE	Psychiatric genomics resource	Open/controlled mix	Neurogenomics	https://psychencode.synapse.org/
GARC-RES-033	Synapse	Collaborative data platform	Mixed	Data sharing; controlled collaboration	https://www.synapse.org/
GARC-RES-034	OpenNeuro	Neuroimaging repository	Open	Neuroimaging; methods	https://openneuro.org/
GARC-RES-035	NITRC	Neuroimaging tools/resources	Open/mixed	Neuroimaging	https://www.nitrc.org/
GARC-RES-036	Human Connectome Project	Neuroimaging dataset	Open/registered	Connectivity methods/reference	https://www.humanconnectome.org/
GARC-RES-037	UK Biobank	Population cohort	Application/paid access	Population comparison; genetics	https://www.ukbiobank.ac.uk/
GARC-RES-038	All of Us Research Program	Population cohort	Controlled researcher workbench	Population health; genetics	https://www.researchallofus.org/
GARC-RES-039	NHANES	Population health surveys	Open	Context/comorbidity comparison	https://www.cdc.gov/nchs/nhanes/
GARC-RES-040	CDC Data and Statistics on Autism	Public health surveillance	Open	Epidemiology; benchmarking	https://www.cdc.gov/autism/data-research/
GARC-RES-041	ADDM Network publications/data summaries	Autism surveillance network	Open summaries / study-specific data	Epidemiology	https://www.cdc.gov/autism/addm-network/
GARC-RES-042	National Survey of Children's Health	Population survey	Open public datasets	Health services; family outcomes	https://www.childhealthdata.org/
GARC-RES-043	IPUMS	Population microdata	Registered/open depending dataset	Disability/ demographic context	https://www.ipums.org/
GARC-RES-044	World Bank Data	Global indicators	Open	Country context; policy	https://data.worldbank.org/
GARC-RES-045	OECD Data Explorer	Policy indicators	Open	Cross-country policy context	https://data-explorer.oecd.org/
GARC-RES-046	UN Data	Global statistics	Open	Country context	https://data.un.org/

GARC-RES-047	Global Health Observatory	Global health indicators	Open	Health systems/context	https://www.who.int/data/gho
GARC-RES-048	IHME Global Health Data Exchange	Health data catalog	Open/mixed	Burden/contextual analysis	https://ghdx.healthdata.org/
GARC-RES-049	Disability Data Portal	Disability indicators/resources	Open	Disability policy context	https://www.disabilitydataportal.com/
GARC-RES-050	Cochrane Library	Evidence synthesis database	Mixed/subscription for some content	Evidence synthesis	https://www.cochranelibrary.com/
GARC-RES-051	Epistemonikos	Evidence synthesis database	Open search	Evidence synthesis	https://www.epistemonikos.org/
GARC-RES-052	PROSPERO	Systematic review registry	Open	Protocol discovery; duplication checks	https://www.crd.york.ac.uk/prospERO/
GARC-RES-053	OSF Registries	Open research registry	Open	Protocol preregistration	https://osf.io/registries
GARC-RES-054	Zenodo	Open research repository	Open	GARC repository/publication backend	https://zenodo.org/
GARC-RES-055	Figshare	Research repository	Open/mixed	Data/output sharing	https://figshare.com/
GARC-RES-056	Dryad	Research data repository	Open/mixed charges	Data reuse	https://datadryad.org/
GARC-RES-057	Harvard Dataverse	Research data repository	Open/mixed	Data discovery/reuse	https://dataverse.harvard.edu/
GARC-RES-058	Mendeley Data	Research data repository	Open/mixed	Data discovery	https://data.mendeley.com/
GARC-RES-059	Datacite Commons	Research metadata	Open	Dataset discovery/metadata	https://commons.datacite.org/
GARC-RES-060	Dimensions	Scholarly research database	Freemium/subscription	Landscape/funding analysis	https://www.dimensions.ai/
GARC-RES-061	Lens.org	Scholarly and patent search	Free registered access / terms	Innovation/patent landscape	https://www.lens.org/
GARC-RES-062	Semantic Scholar	Scholarly search	Open	Literature discovery	https://www.semanticscholar.org/
GARC-RES-063	Google Scholar	Scholarly search engine	Open search; export limits	Supplementary searching	https://scholar.google.com/
GARC-RES-064	Scopus	Bibliographic/citation database	Subscription	Bibliometrics; systematic searches	https://www.scopus.com/
GARC-RES-065	Web of Science Core Collection	Bibliographic/citation database	Subscription	Bibliometrics; systematic searches	https://www.webofscience.com/
GARC-RES-066	PsycINFO	Psychology bibliographic database	Subscription	Autism psychology; interventions	https://www.apa.org/pubs/databases/psycinfo

GARC-RES-067	ERIC	Education bibliographic database	Open	Autism education/inclusion	https://eric.ed.gov/
GARC-RES-068	CINAHL	Nursing/allied health database	Subscription	OT; nursing; allied health	https://www.ebsco.com/products/research-databases/cinahl-database
GARC-RES-069	Embase	Biomedical database	Subscription	Systematic reviews; interventions	https://www.elsevier.com/products/embase
GARC-RES-070	ERIC + What Works Clearinghouse	Education evidence resources	Open	Education interventions	https://ies.ed.gov/ncee/wwc/
GARC-RES-071	Campbell Collaboration Library	Evidence synthesis repository	Open	Policy/intervention evidence	https://www.campbellcollaboration.org/
GARC-RES-072	Open Science Framework	Research collaboration platform	Open/mixed	Protocol/project management	https://osf.io/
GARC-RES-073	ORCID	Researcher identifier registry	Open	Researcher disambiguation	https://orcid.org/
GARC-RES-074	ROR	Research Organization Registry	Open	Institution normalization	https://ror.org/
GARC-RES-075	GRID legacy dataset	Research organization identifiers	Archived	Historical institution normalization	https://www.grid.ac/
GARC-RES-076	OpenCitations	Open citation data	Open	Bibliometrics	https://opencitations.net/
GARC-RES-077	PubChem	Chemical information	Open	Molecular/contextual research	https://pubchem.ncbi.nlm.nih.gov/
GARC-RES-078	BioGRID	Interaction database	Open	Molecular network analysis	https://thebiogrid.org/
GARC-RES-079	STRING	Protein interaction database	Open/mixed	Molecular network analysis	https://string-db.org/