

Resource Summary Report

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NIMH Stem Cell Center

RRID:SCR_006682

Type: Tool

Proper Citation

NIMH Stem Cell Center (RRID:SCR_006682)

Resource Information

URL: <http://nimhstemcells.org/>

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Description: Induced Pluripotent Stem Cell (iPSC) and Source Cells available for distribution for postnatal-to-adult human control and patient-derived cells and their reprogrammed derivatives in support of stem cell research relevant to mental disorders. This includes but is not limited to anxiety disorders, attention deficit hyperactivity disorder, autism spectrum disorders, bipolar disorder, borderline personality disorder, depression, eating disorders, obsessive-compulsive disorder, panic disorder, post-traumatic stress disorder, and schizophrenia. The capabilities of the repository range from derivation and banking of primary source cells from postnatal through adult human subject tissue to more comprehensive banking and validation of induced pluripotent stem cells (iPSCs) or similar reprogrammed / de-differentiated cells. Please send a message with the Contact page if you wish to contribute source cells or iPSC.

Abbreviations: NIMH Stem Cell Center

Resource Type: biomaterial supply resource, cell repository, material resource

Keywords: stem cell, cell, induced pluripotent stem cell, mental disease, anxiety disorder, attention deficit-hyperactivity disorder, autism spectrum disorder, bipolar disorder, borderline personality disorder, depressive disorder, eating disorder, obsessive-compulsive disorder, panic disorder, post-traumatic stress disorder, depression, schizophrenia, adult, postnatal, adolescent, normal

Related Condition: Mental disease, Anxiety Disorder, Attention deficit-hyperactivity disorder, Autism spectrum disorder, Bipolar Disorder, Borderline personality disorder, Depressive Disorder, Eating disorder, Obsessive-Compulsive Disorder, Panic Disorder, Post-Traumatic Stress Disorder, Schizophrenia, Normal

Funding: NIMH

Availability: Registration required

Resource Name: NIMH Stem Cell Center

Resource ID: SCR_006682

Alternate IDs: nlx_143795

Record Creation Time: 20220129T080237+0000

Record Last Update: 20260821T042702+0000

Ratings and Alerts

No rating or validation information has been found for NIMH Stem Cell Center.

No alerts have been found for NIMH Stem Cell Center.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Powell SK, et al. (2026) 3D genetic architecture of schizophrenia risk across three neuronal subtypes. *Molecular psychiatry*, 31(4), 2216.

Michael Deans PJ, et al. (2026) Functional implications of polygenic risk for schizophrenia in human neurons. *Nature communications*, 17(1), 1355.

Pruitt A, et al. (2026) Estradiol modulates neuronal network hyperexcitability in select NDD risk genes. *bioRxiv : the preprint server for biology*.

Fernandez Garcia M, et al. (2026) Transcriptomic and phenotypic convergence of neurodevelopmental disorder risk genes in vitro and in vivo. *Nature neuroscience*, 29(5), 1079.

Thakur P, et al. (2025) An antisense oligonucleotide-based strategy to ameliorate cognitive dysfunction in the 22q11.2 Deletion Syndrome. *eLife*, 13.

Rao SB, et al. (2025) Aberrant pace of cortical neuron development in brain organoids from patients with 22q11.2 deletion syndrome-associated schizophrenia. *Nature communications*, 16(1), 6986.

Garcia MF, et al. (2024) Dynamic convergence of autism disorder risk genes across neurodevelopment. *bioRxiv : the preprint server for biology*.

Retallick-Townsley KG, et al. (2024) Dynamic stress- and inflammatory-based regulation of psychiatric risk loci in human neurons. *bioRxiv : the preprint server for biology*.

Fernando MB, et al. (2023) Precise Therapeutic Targeting of Distinct NRXN1+/- Mutations. *bioRxiv : the preprint server for biology*.

Li Y, et al. (2023) Inhibition of Abl Kinase by Imatinib Can Rescue the Compromised Barrier Function of 22q11.2DS Patient-iPSC-Derived Blood-Brain Barriers. *Cells*, 12(3).

Powell SK, et al. (2023) Schizophrenia Risk Mapping and Functional Engineering of the 3D Genome in Three Neuronal Subtypes. *bioRxiv : the preprint server for biology*.

Deans PM, et al. (2023) Non-additive effects of schizophrenia risk genes reflect convergent downstream function. *medRxiv : the preprint server for health sciences*.

Li Y, et al. (2021) Investigation of Neurodevelopmental Deficits of 22 q11.2 Deletion Syndrome with a Patient-iPSC-Derived Blood-Brain Barrier Model. *Cells*, 10(10).

Flaherty E, et al. (2019) Neuronal impact of patient-specific aberrant NRXN1?? splicing. *Nature genetics*, 51(12), 1679.

Schrode N, et al. (2019) Synergistic effects of common schizophrenia risk variants. *Nature genetics*, 51(10), 1475.

Hoffman GE, et al. (2017) Transcriptional signatures of schizophrenia in hiPSC-derived NPCs and neurons are concordant with post-mortem adult brains. *Nature communications*, 8(1), 2225.