

# Resource Summary Report

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## Neural Stem Cell Institute NeuraCell Core Facility

RRID:SCR\_017821

Type: Tool

### Proper Citation

Neural Stem Cell Institute NeuraCell Core Facility (RRID:SCR\_017821)

### Resource Information

**URL:** <http://neuralsci.org/neuracell>

**Proper Citation:** Neural Stem Cell Institute NeuraCell Core Facility (RRID:SCR\_017821)

**Description:** Core facility provides neural stem cells (NSC) and everything you need to grow them, custom lentiviral shRNA and over-expression vectors, consult based characterization service where we can assess how your products or reagents affect stem cell performance and behavior. Services include: Cell Supply, Adult SVZ Neural Stem Cells, Any Age Embryonic stem cells from any region of the brain, Human Retinal Pigmented Epithelial cells, RPE iPSCs, iPSCs, Neural Progenitor Cells (NPCs), Custom Orders, Media/ Dissociation Reagents, High-performance Media formulated according to optimal cell growth conditions, Complete Defined Media for Neural Stem Cell Culture, Complete Defined Media for Human Retinal Pigmented Epithelial Culture, Cell characterization. Performs assays to verify how stem cell populations behave in response to certain environments, plastics, reagents, etc., using trade secret assays via FACS and cell culture techniques. This can be used for neural stem cells as well as embryonic stem cells. Cell banking solutions shall ensure that their integrity is maintained, and that sufficient supply is readily available. We will also expand cells, harvest cells, generation the freezing medium and thaw cells to test performance. Provides Generation of custom lentiviral shRNA constructs, Generation of custom lentiviral over-expression constructs, Supply of NSC lines already expressing these shRNA or over-expression constructs.

**Synonyms:** NeuraCell

**Resource Type:** core facility, access service resource, service resource

**Keywords:** Neural, stem, cell, provide, custom, lentiviral, shRNA, vector, embryonic, brain, human, retinal, pigmented, epithelial, progenitor, media, culture, formula, behave, response, environment, plastic, reagent, service, core, ABRF

**Availability:** Open

**Resource Name:** Neural Stem Cell Institute NeuraCell Core Facility

**Resource ID:** SCR\_017821

**Alternate IDs:** ABRF\_588

**Record Creation Time:** 20220129T080337+0000

**Record Last Update:** 20260819T044450+0000

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## Ratings and Alerts

No rating or validation information has been found for Neural Stem Cell Institute NeuraCell Core Facility.

No alerts have been found for Neural Stem Cell Institute NeuraCell Core Facility.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Mohl GA, et al. (2024) The disease-causing tau V337M mutation induces tau hypophosphorylation and perturbs axon morphology pathways. bioRxiv : the preprint server for biology.

Glasauer SMK, et al. (2022) Human tau mutations in cerebral organoids induce a progressive dyshomeostasis of cholesterol. Stem cell reports, 17(9), 2127.

Gregory JA, et al. (2020) Cell Type-Specific In Vitro Gene Expression Profiling of Stem Cell-Derived Neural Models. Cells, 9(6).