

Resource Summary Report

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University of Texas Southwestern Medical Center Neuro Models Core Facility

RRID:SCR_022529

Type: Tool

Proper Citation

University of Texas Southwestern Medical Center Neuro Models Core Facility
(RRID:SCR_022529)

Resource Information

URL: <https://www.utsouthwestern.edu/education/medical-school/departments/neurology/research/neuro-models-facility/>

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Description: Facilitates scientific research of nervous system function to enhance development and testing of novel therapeutic strategies for treatment of nervous system disorders. Provides resource capacity typically unavailable or impractical in individual laboratory. Major areas of specialization include surgical approaches to model production and assessment, behavior testing of sensorimotor functions, in vivo electrophysiological recording (EEG, EMG, ERP). Procedures are intended for mice and rats. Procedures can be developed based on client interests.

Abbreviations: NMF

Synonyms: UTSW-Neuro-models Facility, University of Texas Southwestern Medical Center UTSW-Neuro-models Facility

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

Keywords: USEdit, ABRF, nervous system disorders, novel therapeutic strategies, surgical approaches, behavior testing, mice, rats

Resource Name: University of Texas Southwestern Medical Center Neuro Models Core Facility

Resource ID: SCR_022529

Alternate IDs: ABRF_1470

Alternate URLs: <https://coremarketplace.org/?FacilityID=1470&citation=1>

Record Creation Time: 20220630T050150+0000

Record Last Update: 20260905T133427+0000

Ratings and Alerts

No rating or validation information has been found for University of Texas Southwestern Medical Center Neuro Models Core Facility.

No alerts have been found for University of Texas Southwestern Medical Center Neuro Models Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Rioux M, et al. (2026) A Head-to-Head Comparison of AAV9 Biodistribution in Mice: Routes of Administration and Age Dependence. *Genes*, 17(2).

Bailey LE, et al. (2026) AAV-mediated gene therapy in a model of SLC13A5 citrate transporter disorder rescues epileptic and metabolic phenotypes. *The Journal of clinical investigation*, 136(8).

Boitnott A, et al. (2025) Exploration of a DDX3X Gene Supplementation Therapy Including Expanded Characterization and Novel Findings of Sleep Disturbances in Ddx3x Haploinsufficient Mice. *Biological psychiatry global open science*, 5(6), 100599.

Poinsatte K, et al. (2025) SpinalTRAQ: A Novel Pipeline for Volumetric Cervical Spinal Cord Analysis Identifies the Corticospinal Tract Synaptic Projectome in Healthy and Post-stroke Mice. *eNeuro*, 12(9).

Eller MM, et al. (2025) Neurological, metabolic and inflammatory phenotypes in a mouse model of ECHS1 deficiency. *Brain communications*, 7(6), fc4f487.

Adams RM, et al. (2024) Sleep Abnormalities in SLC13A5 Citrate Transporter Disorder. *Genes*, 15(10).

Poinsatte K, et al. (2024) SpinalTRAQ: A novel volumetric cervical spinal cord atlas identifies the corticospinal tract synaptic projectome in healthy and post-stroke mice. *bioRxiv* : the preprint server for biology.

Eller MM, et al. (2024) Valine and Inflammation Drive Epilepsy in a Mouse Model of ECHS1 Deficiency. *bioRxiv* : the preprint server for biology.