Resource Summary Report

Generated by NIF on Sep 18, 2026

Tucker-Davis Technologies

RRID:SCR_006495
Type: Tool

Proper Citation

Tucker-Davis Technologies (RRID:SCR_006495)

Resource Information

URL: http://www.tdt.com/

Proper Citation: Tucker-Davis Technologies (RRID:SCR_006495)

Description: Commercial organization that provides products for basic and applied research in the neurophysiology, hearing, and speech sciences as well as for general data acquisition applications. It offers a complete line of modular DSP-based data acquisition and stimulus generation systems, ranging in complexity from a simple audio stimulator to a complete multichannel sensory and behavioral neurophysiology system for awake, behaving subjects.

Abbreviations: TDT

Synonyms: Tucker-Davis Technologies (TDT)

Resource Type: commercial organization

Keywords: neurophysiology, evoked potential, psychoacoustics, data acquisition, virtual acoustics, bioacoustics, hearing, speech, stimulus, audio, sensory, behavior

Resource Name: Tucker-Davis Technologies

Resource ID: SCR_006495

Alternate IDs: rid_000061, grid.421888.f

Alternate URLs: https://ror.org/0014wkh93

Record Creation Time: 20220129T080236+0000

Record Last Update: 20260912T195640+0000

Ratings and Alerts

No rating or validation information has been found for Tucker-Davis Technologies.

No alerts have been found for Tucker-Davis Technologies.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 74 mentions in open access literature.

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

Zhang L, et al. (2026) Human promoter-driven AAV tools enable precision gene therapy targeting cochlear hair cells. Cell reports. Medicine, 7(4), 102725.

Erra A, et al. (2026) An open-source deep learning-based toolbox for automated auditory brainstem response analyses (ABRA). Scientific reports, 16(1).

Nishimura KJ, et al. (2026) Paraventricular thalamus hyperactivity mediates stress-induced sensitization of unlearned fear but not stress-enhanced fear learning (SEFL). eLife, 14.

Goode TD, et al. (2026) A dorsal hippocampus-prodynorphinergic dorsolateral septum-to-lateral hypothalamus circuit mediates contextual gating of feeding. Neuron, 114(11), 2050.

Yonk AJ, et al. (2025) Role of posterior medial thalamus in the modulation of striatal circuitry and choice behavior. eLife, 13.

Trapeau R, et al. (2025) Functional mapping of auditory responses to complex sounds under light anesthesia in rhesus macaques. Open research Europe, 5, 273.

Tong C, et al. (2025) Norepinephrine-mediated arousal fluctuations drive inverted U-shaped functional connectivity dynamics. Nature communications, 16(1), 11318.

Pal I, et al. (2025) Female mice lacking GluA3 show early onset of hearing loss, cochlear synaptopathy, and afferent terminal swellings in ambient sound levels. iScience, 28(2), 111799.

Mergan E, et al. (2025) Fast face-selective responses in prefrontal face patches of the macaque. Cell reports, 44(3), 115389.

Squarcio F, et al. (2024) Effects of non-rapid eye movement sleep on the cortical synaptic expression of GluA1-containing AMPA receptors. The European journal of neuroscience, 60(2), 3961.

Faget L, et al. (2024) Ventral pallidum GABA and glutamate neurons drive approach and avoidance through distinct modulation of VTA cell types. Nature communications, 15(1), 4233.

Salehi S, et al. (2024) Spatiotemporal hierarchies of face representation in the human ventral temporal cortex. Scientific reports, 14(1), 26501.

Shmal D, et al. (2024) Restoring vision in adult amblyopia by enhancing plasticity through deletion of the transcriptional repressor REST. iScience, 27(4), 109507.

Lazar A, et al. (2024) Paying attention to natural scenes in area V1. iScience, 27(2), 108816.

Choi A, et al. (2024) Circuit mechanism underlying fragmented sleep and memory deficits in 16p11.2 deletion mouse model of autism. iScience, 27(12), 111285.

Smith J, et al. (2024) Regulation of stress-induced sleep fragmentation by preoptic glutamatergic neurons. Current biology : CB, 34(1), 12.

Lemke SM, et al. (2024) Information flow between motor cortex and striatum reverses during skill learning. Current biology : CB, 34(9), 1831.

Faget L, et al. (2023) Ventral pallidum GABA and glutamate neurons drive approach and avoidance through distinct modulation of VTA cell types. bioRxiv : the preprint server for biology.

Gyawali U, et al. (2023) Dopamine in the dorsal bed nucleus of stria terminalis signals Pavlovian sign-tracking and reward violations. eLife, 12.

Palkovic B, et al. (2023) Changes in pontine and preBötzinger/Bötzinger complex neuronal activity during remifentanil-induced respiratory depression in decerebrate dogs. Frontiers in physiology, 14, 1156076.