Resource Summary Report

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National Institute on Deafness and Other Communication Disorders

RRID:SCR_012859
Type: Tool

Proper Citation

National Institute on Deafness and Other Communication Disorders (RRID:SCR_012859)

Resource Information

URL: http://www.nidcd.nih.gov/

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Description: The National Institute on Deafness and Other Communication Disorders (NIDCD) is one of the Institutes that comprise the National Institutes of Health (NIH). Established in 1988, NIDCD is mandated to conduct and support biomedical and behavioral research and research training in the normal and disordered processes of hearing, balance, smell, taste, voice, speech, and language. The Institute also conducts and supports research and research training related to disease prevention and health promotion; addresses special biomedical and behavioral problems associated with people who have communication impairments or disorders; and supports efforts to create devices which substitute for lost and impaired sensory and communication function. It is estimated that more than 46 million people in the United States suffer some form of disordered communication. NIDCD has focused national attention on disorders of human communication and has contributed to advances in biomedical and behavioral research that will improve the lives of millions of individuals with communication disorders. NIDCD has made important contributions to the body of knowledge needed to help those who experience communication disorders and to advance research in all aspects of human communication. NIDCD accomplishes its mandate through the Division of Intramural Research, which conducts research in laboratories at the NIH, and the Extramural Research Program, a program of research grants, career development awards, individual and institutional research training awards, center grants, and contracts to public and private research institutions and organizations. As a whole, the Institute supports and conducts approximately 600 research projects. The Institute also conducts and supports research and research training in disease prevention and health promotion and the special biomedical and behavioral problems associated with people

having communication impairments and disorders. NIDCD"s extramural grant portfolio demonstrates a balance of basic and clinical research. The intramural research program spans a variety of topics, including, but not limited to, the development of a vaccine against otitis media, the identification and characterization of genes responsible for hereditary hearing impairment, genes associated with neoplasms affecting human communication, and treatment of voice disorders.

Abbreviations: NIDCD

Synonyms: National Institute on Deafness Other Communication Disorders

Resource Type: institution

Funding:

Resource Name: National Institute on Deafness and Other Communication Disorders

Resource ID: SCR_012859

Alternate IDs: nlx_inv_1005114, Crossref funder ID: 100000055, Wikidata: Q10843453, grid.214431.1, ISNI: 0000 0001 2226 8444

Alternate URLs: https://ror.org/04mhx6838

Record Creation Time: 20220129T080312+0000

Record Last Update: 20250420T014622+0000

Ratings and Alerts

No rating or validation information has been found for National Institute on Deafness and Other Communication Disorders.

No alerts have been found for National Institute on Deafness and Other Communication Disorders.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 69 mentions in open access literature.

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

Burkhardt-Reed MM, et al. (2025) Frequencies and functions of vocalizations and gestures in

the second year of life. PloS one, 20(1), e0308760.

Liu CM, et al. (2024) Impact of sinus surgery in people with cystic fibrosis and chronic rhinosinusitis in the era of highly effective modulator therapy: Protocol for a prospective observational study. PloS one, 19(9), e0310986.

Murphy C, et al. (2024) Integrating the patient's voice into the research agenda for treatment of chemosensory disorders. Chemical senses, 49.

Burton SD, et al. (2024) Fast-spiking interneuron detonation drives high-fidelity inhibition in the olfactory bulb. PLoS biology, 22(8), e3002660.

Zhu Y, et al. (2024) Evolutionarily conserved brainstem architecture enables gravity-guided vertical navigation. PLoS biology, 22(11), e3002902.

Walters BN, et al. (2024) Longitudinal imaging of the taste bud in vivo with two-photon laser scanning microscopy. PloS one, 19(12), e0309366.

Kochem MC, et al. (2024) Activation and inhibition of the sweet taste receptor TAS1R2-TAS1R3 differentially affect glucose tolerance in humans. PloS one, 19(5), e0298239.

Wang HT, et al. (2024) Continuous evaluation of denoising strategies in resting-state fMRI connectivity using fMRIPrep and Nilearn. PLoS computational biology, 20(3), e1011942.

Burton SD, et al. (2024) Fast-spiking interneuron detonation drives high-fidelity inhibition in the olfactory bulb. bioRxiv : the preprint server for biology.

McAllister T, et al. (2024) Comparing online versus laboratory measures of speech perception in older children and adolescents. PloS one, 19(2), e0297530.

Martens A, et al. (2024) An examination of the association between infant non-nutritive suck and developmental outcomes at 12 months. PloS one, 19(2), e0298016.

Yoo H, et al. (2024) Infant vocal category exploration as a foundation for speech development. PloS one, 19(5), e0299140.

Schlegel P, et al. (2023) Tissue-engineered vocal fold replacement in swine: Methods for functional and structural analysis. PloS one, 18(4), e0284135.

Kinahan SP, et al. (2023) TorchDIVA: An extensible computational model of speech production built on an open-source machine learning library. PloS one, 18(2), e0281306.

Ozmeral EJ, et al. (2023) Selective auditory attention modulates cortical responses to sound location change for speech in quiet and in babble. PloS one, 18(1), e0268932.

Guest DR, et al. (2022) Human discrimination and modeling of high-frequency complex tones shed light on the neural codes for pitch. PLoS computational biology, 18(3), e1009889.

Weerathunge HR, et al. (2022) LaDIVA: A neurocomputational model providing laryngeal

motor control for speech acquisition and production. PLoS computational biology, 18(6), e1010159.

do Nascimento NC, et al. (2022) Furosemide-induced systemic dehydration alters the proteome of rabbit vocal folds. Journal of proteomics, 252, 104431.

Bissmeyer SRS, et al. (2022) Combining Place and Rate of Stimulation Improves Frequency Discrimination in Cochlear Implant Users. Hearing research, 424, 108583.

Meng JH, et al. (2022) Structural spine plasticity: Learning and forgetting of odor-specific subnetworks in the olfactory bulb. PLoS computational biology, 18(10), e1010338.