

Resource Summary Report

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Ear Lab

RRID:SCR_002531

Type: Tool

Proper Citation

Ear Lab (RRID:SCR_002531)

Resource Information

URL: <http://www.theearlab.org>

Proper Citation: Ear Lab (RRID:SCR_002531)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on January 13, 2026. Computationally oriented experimental laboratory interested in the encoding of auditory information in the cerebral cortex and brainstem, and in the mechanisms of tinnitus and the effect of various drugs (Lidocaine, steroids, anti-oxidants) in relieving noise trauma induced tinnitus. The ferret (*Mustela putorius*) and the rat serve as their system model. Through chronic implants, they obtain electrophysiological data from awake behaving animals in order to investigate the response properties and functional organization of the auditory system, both in health and after noise trauma that induces tinnitus in rats. Projects: * Response Modulation to Ongoing Broadband Sounds in Primary Auditory Cortex * Neuronal Response Characteristics in the Inferior Colliculus of the Awake Ferret and Rat * Spectro-Temporal Representation of Feature Onsets in Primary Auditory Cortex * Targeting the changes in inferior colliculus induced by tinnitus

Abbreviations: Earlab

Synonyms: the ear lab

Resource Type: data or information resource, organization portal, portal, laboratory portal

Keywords: ear, auditory, cerebral cortex, behavior, health, noise, trauma, research, engineering, primary auditory cortex, neuron, brainstem, tinnitus, drug, lidocaine, steroid, anti-oxidant, computation, auditory system, sound, mustela putorius, inferior colliculus

Related Condition: Tinnitus, Healthy

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Ear Lab

Resource ID: SCR_002531

Alternate IDs: nif-0000-00404

Record Creation Time: 20220129T080213+0000

Record Last Update: 20260729T044038+0000

Ratings and Alerts

No rating or validation information has been found for Ear Lab.

No alerts have been found for Ear Lab.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.