

Resource Summary Report

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New York University School of Medicine IonLab Core Facility

RRID:SCR_021754

Type: Tool

Proper Citation

New York University School of Medicine IonLab Core Facility (RRID:SCR_021754)

Resource Information

URL: <https://med.nyu.edu/research/scientific-cores-shared-resources/ion-laboratory>

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Description: Electrophysiology core facility that is part of Ion Channels and Transporters in Immunity Research Program. Research area includes ion channel and transporter function and ionic signaling in immune cells. Users who are studying other cell types or organ systems are welcome. Provides assistance with experimental design, training, implementation, and data analysis.

Synonyms: IonLab

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

Keywords: USEDit, ABRF, ion channel, transporter function, ionic signaling, immune cells

Funding: NIAID AI097302

Availability: open

Resource Name: New York University School of Medicine IonLab Core Facility

Resource ID: SCR_021754

Alternate IDs: ABRF_1221

Alternate URLs: <https://coremarketplace.org/?FacilityID=1221>

Record Creation Time: 20220129T080357+0000

Record Last Update: 20260905T133422+0000

Ratings and Alerts

No rating or validation information has been found for New York University School of Medicine IonLab Core Facility.

No alerts have been found for New York University School of Medicine IonLab Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Wang S, et al. (2026) Purinergic signaling promotes gliomagenesis through nuclear calcium transients. *bioRxiv : the preprint server for biology*.

Yang X, et al. (2026) Cell-Type-Selective Cortical Pathology and Functional Deficits in Synucleinopathy. *bioRxiv : the preprint server for biology*.

Shi G, et al. (2025) Coenzyme Q headgroup intermediates can ameliorate a mitochondrial encephalopathy. *Nature*, 645(8080), 466.

Wang L, et al. (2025) CLNS1A regulates genome stability and cell cycle progression to control CD4 T cell function and autoimmunity. *Science immunology*, 10(108), eadq8860.

Weiner SP, et al. (2024) Sex difference in the effect of environmental enrichment on food restriction-induced persistence of cocaine conditioned place preference and mechanistic underpinnings. *Addiction neuroscience*, 10.

Ji C, et al. (2024) Neuronal hypofunction and network dysfunction in a mouse model at an early stage of tauopathy. *Alzheimer's & dementia : the journal of the Alzheimer's Association*.

Samper N, et al. (2024) Kir6.1, a component of an ATP-sensitive potassium channel, regulates natural killer cell development. *Frontiers in immunology*, 15, 1490250.

Martin KA, et al. (2024) Vagus nerve stimulation recruits the central cholinergic system to enhance perceptual learning. *Nature neuroscience*, 27(11), 2152.

Ji C, et al. (2024) Neuronal hypofunction and network dysfunction in a mouse model at an early stage of tauopathy. *bioRxiv : the preprint server for biology*.

Samper N, et al. (2024) Kir6.1, a component of an ATP-sensitive potassium channel, regulates natural killer cell development. *bioRxiv : the preprint server for biology*.