

Resource Summary Report

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La Jolla Interdisciplinary Neurosciences Center

RRID:SCR_002772

Type: Tool

Proper Citation

La Jolla Interdisciplinary Neurosciences Center (RRID:SCR_002772)

Resource Information

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

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Description: Our NINDS Center Core Grant supports centralized resources and facilities shared by investigators with existing NINDS-funded research projects. Our Center is composed of three research cores, each of which will enrich the effectiveness of ongoing research, and promote new research directions. The three Core facilities support Electrophysiology, Neuropathology / Histology, and High-Throughput/High-Content Chemical and Genomic Library screening. By making these important Core Services available to the local Neuroscience community, the La Jolla Neurosciences Program hopes to promote the study of how the nervous system works and develop treatments for nervous system diseases. The cores and their services are available to La Jolla neuroscientists. Core services are available to NINDS-supported neuroscience projects from local investigators as well as young neuroscientists prior to obtaining their first NIH-funded grant. * Electrophysiology: SBMRI Electrophysiology ** The Electrophysiology Core consists of the Sanford-Burnham Electrophysiology Facility. This facility can perform patch-clamp intracellular and extracellular field recordings on a range of material including cultured cells and brain slices. The Sanford-Burnham facility emphasizes electrophysiological analysis of cultured cells and the detailed electrical properties of channels, receptors and recombinant proteins expressed in *Xenopus* oocytes or mammalian cells. * Neuropathology: UCSD Neuropathology ** The Neuropathology laboratory applies immunocytochemistry, neurochemistry, molecular genetics, transgenic models of disease, and imaging by scanning laser confocal microscopy to analysis of neurological disease in animal models. * Chemical Library Screening: SBIMR Assay Development, SBIMR Chemical Library Screening, SBIMR Cheminformatics, SBIMR High-content Screening ** The Chemical Library Screening core offers high-throughput screening (HTS) of biochemical and cell-based array using traditional HTS readouts and automated microscopy for high-content screening (HCS)> These facilities also offer array development and screening, as well as cheminformatics and medicinal chemistry., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on January 15,2026.

Abbreviations: La Jolla Neuroscience Center Cores

Synonyms: La Jolla Interdisciplinary Neuroscience Center Core (Burnham-Salk-Scripps-UCSD)

Resource Type: access service resource, analysis service resource, biomaterial analysis service, material analysis service, material service resource, production service resource, service resource

Keywords: neuroscience, nervous system, electrophysiology, neuropathology, histology, high-throughput screening, high-content screening, chemical, genomic, chemical library screening, cheminformatics, medicinal chemistry

Related Condition: Nervous system disease

Funding: NINDS ;
NIH Blueprint for Neuroscience Research

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: La Jolla Interdisciplinary Neurosciences Center

Resource ID: SCR_002772

Alternate IDs: nif-0000-00436

Record Creation Time: 20220129T080215+0000

Record Last Update: 20260912T195546+0000

Ratings and Alerts

No rating or validation information has been found for La Jolla Interdisciplinary Neurosciences Center.

No alerts have been found for La Jolla Interdisciplinary Neurosciences Center.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.