Resource Summary Report

Generated by RRID on Apr 19, 2025

Georgetown, Neuroscience

RRID:SCR_003363
Type: Tool

Proper Citation

Georgetown, Neuroscience (RRID:SCR_003363)

Resource Information

URL: https://neuro.georgetown.edu

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Description: Faculty of the Department of Neuroscience participate in the teaching of courses in the Interdisciplinary Program in Neuroscience and the School of Medicine. A Ph.D. in Neuroscience is offered through the Interdisciplinary Program in Neuroscience. Support for graduate training is offered through the Department, the research grants of individual faculty, as well as through three NIH training grants directed by Neuroscience faculty. * Training in Recovery of Function after CNS Injury. Program Director: Barbara S. Bregman, Ph.D. * Training Program in Drug Abuse. Program Director: Barbara S. Bayer, Ph.D. * Training in Neural Injury and Plasticity. Program Director: Jean R. Wrathall, Ph.D. Scientists in the Department of Neuroscience participate in a wide array of research activities with a focus on understanding both the normal and injured nervous system. The theme of neuroplasticity characterizes much of the research in the Department. We study neuroplasticity during normal development and in the adult in response to activity (e.g., learning) or drugs. Our research is also focused on studying the plasticity that ensues after traumatic (such as spinal cord injury) or ischemic damage to the nervous system and over the course of developmental or neurodegenerative diseases (such as Specific Language Impairment, autism, or Parkinson's and Alzheimer's Diseases). The specific research interests of each of the principal investigators falls under four broad subheadings: *CNS disorders (Faden, Mocchetti, Rebeck, Riesenhuber,Ullman) *Cognitive/Computational (Riesenhuber, Ullman) *Development, Regeneration and recovery of function after injury (Bregman, Faden, Kromer, Ullman, Wrathall) *Neuroimmunology and Drugs of Abuse (Bayer, Faden, Kromer, Mocchetti) Under this common theme, a variety of diverse techniques and models are employed by the faculty. They range from molecular studies of gene function to studies on humans using Event-Related Potentials (ERPs) and functional MRI. Experimental models include cell culture systems, rodent genetic and experimental models of nervous system injury and disorders, as well as the use of computer simulations to

understand higher cortical processing.

Abbreviations: Georgetown Neuroscience

Synonyms: GUMC Department of Neuroscience, Georgetown University Medical Center; Department of Neuroscience, Georgetown Dept. of Neuroscience, GUMC Dept. of Neuroscience, Georgetown Department of Neuroscience

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

Funding:

Resource Name: Georgetown, Neuroscience

Resource ID: SCR_003363

Alternate IDs: nif-0000-01954

Old URLs: http://neuro.georgetown.edu/home.html

Record Creation Time: 20220129T080218+0000

Record Last Update: 20250419T054915+0000

Ratings and Alerts

No rating or validation information has been found for Georgetown, Neuroscience.

No alerts have been found for Georgetown, Neuroscience.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.