1. Record Nr. UNINA9910137218303321

Autore	Laurent Gautron
Titolo	Neuroanatomy and transgenic technologies / / topic editors, Alexander C. Jackson, Chen Liu, Makoto Fukuda, Michael Lazarus and Laurent Gautron
Pubbl/distr/stampa	Frontiers Media SA, 2015 [Lausanne, Switzerland] : , : Frontiers Media SA, , [2015] ©2015
ISBN	9782889195138
Descrizione fisica	1 online resource (139 pages) : illustrations; digital file(s)
Collana	Frontiers Research Topics
Soggetti	Neuroanatomy Neuroanatomy - Technique Anatomy Human Anatomy & Physiology Health & Biological Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Published in: Frontiers in neuroanatomy" -- front cover.
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	Neuroanatomists increasingly rely on techniques enabling them to manipulate genes in defined brain cell populations. In particular, engineered transgenes, which encode a variety of fluorescent reporter proteins can be inserted into the genome or delivered into desired brain regions using viral vectors, thereby allowing the labeling of molecularly-defined populations of neurons and/or glial cells. Transgenic technology can also be used to selectively delete genes in targeted neuronal populations or bi-directionally modulate their electrical excitability using optogenetic or chemogenetic techniques. One of the primary advantages of using transgenic reagents is to simplify the identification and tracing of targeted population of brain cells, which can be laborious using traditional techniques in neuroanatomy. In this research topic, we assembled up-to-date reviews and original articles that demonstrate the versatility and power of transgenic tools in advancing our knowledge of the nervous system,

	with a special emphasis on the application of transgenic technology to neuroanatomical questions.

2. Record Nr. UNINA9910474353103321

Titolo	Cardiovascular digital health journal
Pubbl/distr/stampa	[New York] : , : Elsevier Inc., , [2020]-[2024]
Descrizione fisica	1 online resource
Soggetti	Cardiovascular system - Diseases Cardiovascular Diseases Digital Technology Cardiology Periodical Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed