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Cellular and molecular methods in neuroscience research /

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Springer,
2002

Laboratory Manual | Electronic books | Laboratory manuals

Monografía

Analysis of the neural tissue presents unique and peculiar technical problems encountered in everyday bench work. Numerous books dealing with cellular and molecular protocols for general use in cell biology are available, but few are specifically devoted exclusively to neurobiology. Moreover, the "cross-talk" between researchers with different backgrounds, i.e. histologists, cell and molecular biologists and physiologists, is still quite difficult, and very often one remains somehow "confined" to his or her own specific field of expertise never daring to explore "mysterious" lands unless having the support of a big laboratory beyond. The general idea beyond this project was to put together the contributions from a number of well- known neuroscientists to produce a book that offers a survey of the most updated techniques for the study of nerve cells. After a long time spent doing research in the neuroscience field, and having acquired a good technical background in certain specific fields of neurobiology we have realized how difficult is to be able to step into a different technology. This book endeavors to assist in that goal

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Título: Cellular and molecular methods in neuroscience research editors, Adalberto Merighi, Giorgio Carmignoto

Editorial: New York Springer 2002

Descripción física: 1 online resource (1 volume (various pagings)) illustrations (some color)

Bibliografía: Includes bibliographical references and index

Connectivity -- Combined electrophysiological and morphological analysis of CNS neurons -- Tract -Tracing Methods at the Light Microscopy Level -- Tract-tracing Methods at the Ultrastructural Level -- In vivo Analysis of Cell Proliferation and Apoptosis in the CNS -- Confocal Imaging of Nerve Cells and their Connections -- Confocal Imaging of Calcium Signaling in Cells from

Lengua: English

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ISBN: 0387224602 electronic bk.) 9780387224602 electronic bk.) 0585472726 electronic bk.) 9780585472720 electronic bk.) 1280009527 9781280009525 661000952X 9786610009527 0387953868 9780387953861

Materia: Molecular neurobiology- Laboratory manuals Neurons- Laboratory manuals Neurobiology Neurons- physiology SOCIAL SCIENCE- Anthropology- Physical Molecular neurobiology Neurons

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Enlace a formato físico adicional: Print version Cellular and molecular methods in neuroscience research. New York : Springer, 2002 (DLC) 2001054917

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