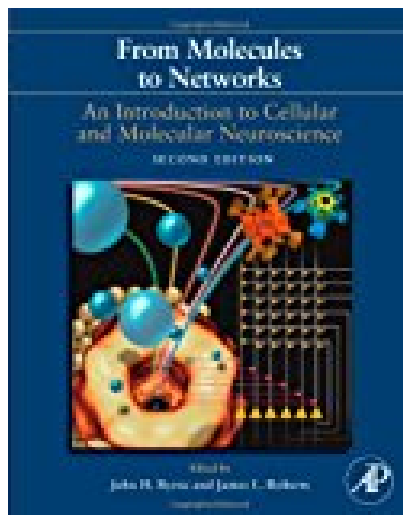


From Molecules to Networks Second Edition An Introduction to Cellular and Molecular Neuroscience



BOOK DETAILS

- Author :
- Pages : 656 Pages
- Publisher : Academic Press
- Language : English
- ISBN : 0123741327

 [DOWNLOAD](#)

BOOK SYNOPSIS

An understanding of the nervous system at virtually any level of analysis requires an understanding of its basic building block, the neuron. The third edition of *From Molecules to Networks* provides the solid foundation of the morphological, biochemical, and biophysical properties of nerve cells. In keeping with previous editions, the unique content focus on cellular and molecular neurobiology and related computational neuroscience is maintained and enhanced. All chapters have been thoroughly revised for this third edition to reflect the significant advances of the past five years. The new edition expands on the network aspects of cellular neurobiology by adding new coverage of specific research methods (e.g., patch-clamp electrophysiology, including applications for ion channel function and transmitter release; ligand binding; structural methods such as x-ray crystallography). Written and edited by leading experts in the field, the third edition completely and comprehensively updates all chapters of this unique textbook and insures that all references to primary research represent the latest results. The first treatment of cellular and molecular neuroscience that includes an introduction to mathematical modeling and simulation approaches 80% updated and new content New Chapter on "Biophysics of Voltage-Gated Ion Channels" New Chapter on "Synaptic Plasticity" Includes a chapter on the Neurobiology of Disease Highly referenced, comprehensive and quantitative Full color, professional graphics throughout All graphics are available in electronic version for teaching purposes

FROM MOLECULES TO NETWORKS SECOND EDITION AN INTRODUCTION TO CELLULAR AND MOLECULAR NEUROSCIENCE - Are you looking for Ebook *From Molecules To Networks Second Edition An Introduction To Cellular And Molecular Neuroscience*? You will be glad to know that right now *From Molecules To Networks Second Edition An Introduction To Cellular And Molecular Neuroscience* is available on our online library. With our online resources, you can find *Applied Numerical Methods With Matlab Solution Manual 3rd Edition* or just about any type of ebooks, for any type of product.

Best of all, they are entirely free to find, use and download, so there is no cost or stress at all. *From Molecules To Networks Second Edition An Introduction To Cellular And Molecular Neuroscience* may not make exciting reading, but *Applied Numerical Methods With Matlab Solution Manual 3rd Edition* is packed with valuable instructions, information and warnings. We also have many ebooks and user guide is also related with *From Molecules To Networks Second Edition An Introduction To Cellular And Molecular Neuroscience* and many other ebooks. We have made it easy for you to find a PDF Ebooks without any digging. And by having access to our ebooks online or by storing it on your computer, you have convenient answers with *From Molecules To Networks Second Edition An Introduction To Cellular And Molecular Neuroscience*. To get started finding *From Molecules To Networks Second Edition An Introduction To Cellular And Molecular Neuroscience*, you are right to find our website which has a comprehensive collection of manuals listed.