The book was found

Principles Of Computational Cell Biology

Volkhard Helms

WILEY-VCH

Principles of Computational Cell Biology

From Protein Complexes to Cellular Networks
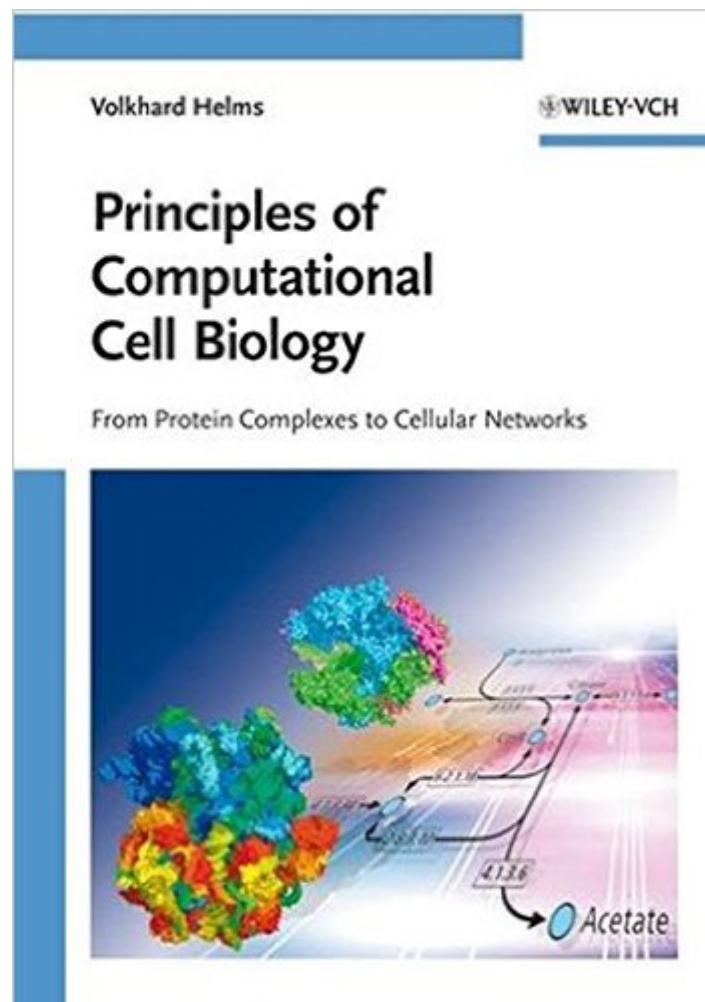
Synopsis

This first textbook of its kind provides an ideal introduction to the field for students of biology and bioinformatics. Carefully designed study exercises -- with corresponding answers -- offer excellent support for those preparing for exams in these subjects, and help introduce the more technical aspects of the topic while keeping maths to a minimum. In particular the text focuses on a network-based approach to the study of cellular systems.

Book Information

Paperback: 289 pages

Publisher: Wiley-Blackwell; 1 edition (July 21, 2008)

Language: English

ISBN-10: 3527315551

ISBN-13: 978-3527315550

Product Dimensions: 6.7 x 0.6 x 9.5 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars See all reviews (1 customer review)

Best Sellers Rank: #776,709 in Books (See Top 100 in Books) #150 in Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Immunology #249 in Books > Medical Books > Basic Sciences > Immunology #311 in Books > Medical Books > Basic Sciences > Cell Biology

Customer Reviews

This book provides a very nice comprehensive overview of computational systems biology. Most of the state of the art computational techniques are covered by the book. It is a must read book for any new student who wants to do research in computational analysis of biological networks.

Download to continue reading...

Principles of Computational Cell Biology Principles of Bone Biology, Third Edition (Bilezikian, Principles of Bone Biology 2 Vol Set) Visual Population Codes: Toward a Common Multivariate Framework for Cell Recording and Functional Imaging (Computational Neuroscience Series) Making Cell Groups Work: Navigating the Transformation to a Cell-Based Church Computational Biology -: Unix/Linux, Data Processing and Programming Algorithms on Strings, Trees and Sequences: Computer Science and Computational Biology Bioinformatics and Computational Biology in Drug Discovery and Development Python for Bioinformatics (Chapman & Hall/CRC

Mathematical and Computational Biology) RNA-seq Data Analysis: A Practical Approach (Chapman & Hall/CRC Mathematical and Computational Biology) Biological Modeling and Simulation: A Survey of Practical Models, Algorithms, and Numerical Methods (Computational Molecular Biology) The Neuron: Cell and Molecular Biology Physical Biology of the Cell Cilia: Model Organisms and Intraflagellar Transport, Volume 93 (Methods in Cell Biology) Histology: A Text and Atlas: With Correlated Cell and Molecular Biology Histology: A Text and Atlas, with Correlated Cell and Molecular Biology, 6th Edition Oral Wound Healing: Cell Biology and Clinical Management Cell and Molecular Biology (Lippincott Illustrated Reviews Series) BRS Cell Biology and Histology (Board Review Series) Histology: A Text and Atlas: With Correlated Cell and Molecular Biology (Histology (Ross)) Basic Concepts in Cell Biology: A Student's Survival Guide