



QuickStart Molecular Biology: An Introductory Course for Mathematicians, Physicists, and Engineers (Hardback)

By Director Philip N Benfey

Cold Spring Harbor Laboratory Press, United States, 2014. Hardback. Book Condition: New. New.. 234 x 172 mm. Language: English . Brand New Book. As biology becomes more quantitative and computational, increasing numbers of physical scientists, mathematicians, and engineers are moving into areas such as genomics, developmental biology, neuroscience, and systems biology. The science of molecular biology underpins all these subjects, and an understanding of its fundamental concepts and the key experimental techniques used is essential. This book provides an introductory course in molecular biology that is designed specifically for mathematicians, physicists, and computational scientists. It starts by introducing the basic features of DNA, genes, proteins, and cells, before moving on to organismal development, genetic traits, and human evolution. In each case, basic concepts are described in the context of recent technological advances, such as next-generation sequencing, mass spectrometry, and high-throughput screens. The book thus enables readers to move rapidly from the basics of molecular biology to an understanding of cutting-edge techniques used in cell and developmental biology, genomics, and synthetic biology.



[READ ONLINE](#)
[6.52 MB]

Reviews

This written publication is wonderful. It can be written in straightforward phrases instead of confusing. I discovered this pdf from my dad and i suggested this publication to learn.

-- Jesse Tremblay

The very best publication i at any time study. It really is basic but shocks inside the fifty percent of the ebook. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- Marlin Swift

You May Also Like



I Am Reading: Nurturing Young Children s Meaning Making and Joyful Engagement with Any Book

Heinemann Educational Books, United States, 2015. Paperback. Book Condition: New. 234 x 185 mm. Language: English . Brand New Book. It s vital that we support young children s reading in ways that nurture healthy reading identities, that foster an attraction to...



Oxford Very First Dictionary

Oxford University Press, United Kingdom, 2012. Paperback. Book Condition: New. Georgie Birkett (illustrator). 234 x 182 mm. Language: English . Brand New Book. A fully illustrated alphabetical first dictionary for 4-5 year-olds. A fresh new look for the Oxford Very First Dictionary...



Oxford First Illustrated Maths Dictionary

Oxford University Press, United Kingdom, 2013. Paperback. Book Condition: New. 234 x 180 mm. Language: English . Brand New Book. The Oxford First Illustrated Maths Dictionary supports the curriculum and gives your child a head start in understanding first maths concepts. Organised...



Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to expand and inspire young minds; this is...



Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to expand and inspire young minds; this is...



The Voyagers Series - Europe: A New Multi-Media Adventure Book 1

Strength Through Communications, United States, 2011. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.The Voyagers Series is a new multi-media, multi-disciplinary approach to teaching reading that provides students with a stimulating,...