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Connecting with Companies A Guide to Consulting Agreements for Biomedical Scientists

Before you sign a consulting agreement, this must-have reference will help you understand the key issues to consider—from intellectual property, confidentiality, and compensation, to often overlooked issues such as indemnity, different classes of stock, and the relevance of insider trading and securities laws.

2014, 156 pp., glossary, index

Hardcover \$39



Father to Son Truth, Reason, and Decency

After a lifetime of accomplishment in research, writing, education, and science advocacy, James Watson has delved for the first time publicly into his own lineage to chronicle an archetypical American family from before the Civil War to Vietnam. *Father To Son* brilliantly illuminates the fundamental truth that who we become as individuals is determined by both our genetic and cultural heritage.

2014, 285 pp., illus., index

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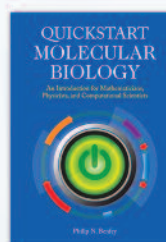


Signal Transduction Principles, Pathways, and Processes

This new textbook for the first time provides a comprehensive view of the subject by covering both the basic mechanisms involved and the roles of signal transduction in fundamental biological processes. It introduces the principles of signal transduction, provides 'route maps' for all the major signaling pathways, and explains how signaling pathways are integrated to control key cellular processes.

2014, 452 pp., illus., index

Hardcover \$165

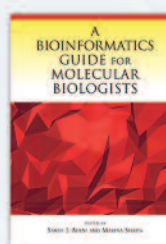


Quickstart Molecular Biology An Introductory Course for Mathematicians, Physicists, and Engineers

Designed for mathematicians, physicists, and engineers, this book introduces the basic features of DNA, proteins, and cells but in the context of recent technological advances, such as next generation sequencing and high-throughput screens, and their applications. This enables readers to move rapidly from the basics to an understanding of cutting-edge research in systems biology and genomics.

2014, 168 pp., illus., index

Paperback \$45 Hardcover \$79



A Bioinformatics Guide for Molecular Biologists

Many investigators are either unaware of the ways in which informatics can improve their research or find it inaccessible due to a feeling of "informatics anxiety." This book is a must-read for those interested in learning informatics techniques required for successful research and development in the laboratory.

2014, 328 pp., illus., index

Hardcover \$79

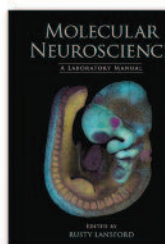


Experimental Design for Biologists Second Edition

The second edition of this thoroughly updated handbook explains how to establish the framework for an experimental project, how to set up all of the components of an experimental system, design experiments within that system, determine and use the correct set of controls, and formulate models to test the veracity and resiliency of the data.

2014, 304 pp., illus., index

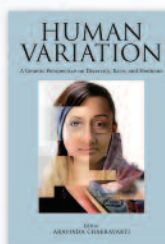
Hardcover \$39



Molecular Neuroscience A Laboratory Manual

Neuroscientists must now routinely use advanced molecular biology and tissue culture techniques in their research. This book provides a detailed practical guide to both fundamental and cutting-edge methods in these areas. Aimed specifically at neuroscientists, it includes protocols for working with DNA and RNA, cell purification and tissue culture, and microscopy, as well as numerous organism-specific techniques.

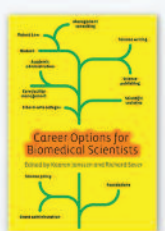
2014, 648 pp., illus., index Hardcover \$150 Paperback \$90



Human Variation A Genetic Perspective on Diversity, Race, and Medicine

This book provides a state-of-the-art view of human genetic variation and what we can infer from it, surveying the genetic diversity seen in Africa, Europe, the Americas, and India. The contributors discuss what this analysis tells us about human history and how it can be used to improve human health.

2014, 144 pp., illus., index Hardcover \$75 Paperback \$59

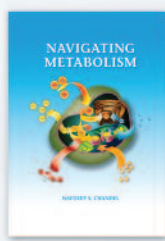


Career Options for Biomedical Scientists

This book examines the numerous different careers that scientists leaving the bench can pursue, from the perspectives of individuals who have successfully made the transition. In each case, it sets out what the job involves and describes the qualifications and skills sets required.

October 2014, 232 pp., illus., index

Hardcover \$45



Navigating Metabolism

Metabolic pathways used to be 'road maps' most biologists learnt as undergraduates and then promptly forgot. Recent work has revealed how changes in metabolism are closely linked to many aspects of cell behavior and the development of cancer and other diseases. This book represents both a new look at metabolism and a refresher course.

November 2014, 264 pp., illus., index

Paperback \$49
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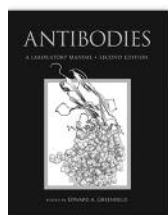
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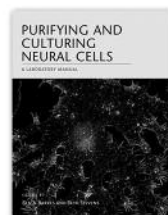
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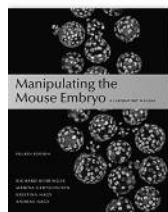
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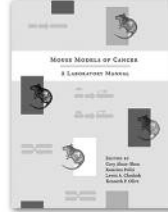
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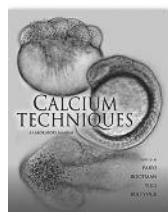
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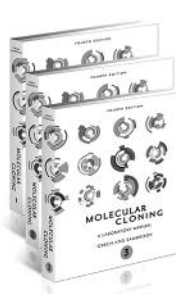
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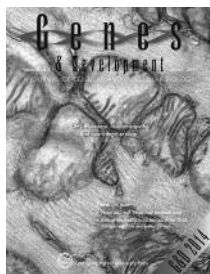
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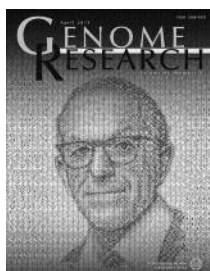
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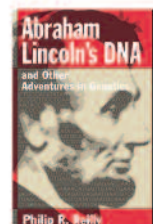
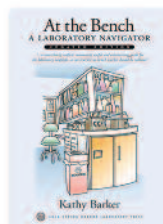


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