

[PDF] Molecular Biology Of The Cell

Keith Roberts, Bruce Alberts, Alexander Johnson, Julian Lewis, Martin Raff, Peter Walter - pdf download free book

Books Details:

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Description:

Review

"Throughout the book, emphasis is placed not just on what 'we know' but also on 'how we know' and 'what remains to be discovered'- important for engaging and enthusing students....A quarter of a century after the first edition revolutionised cell biology textbooks, the new edition is as fresh, comprehensive and above all, as readable as ever....Like its predecessors, this is a superb textbook for advanced undergraduate and postgraduate students."

-British Society for Developmental Biology Newsletter, Summer 2008, Vol. 29, No. 1

"Professors, lecturers, and instructors will find the fifth edition of the book Molecular Biology of the

Cell and its accompanying Problems Book to be an excellent choice for guiding their students through the maze of the cell's molecular structures and biochemical processes....With countless colorful illustrations and a large number of photographs and tables, reading the text becomes not only an educational experience, but also a highly enjoyable one for those students who wish to discover the inner workings of the magnificent cellular machine....Educators will also find the DVD-ROM to be a rich electronic resource when compiling their lectures....No less important is the Problems Book, which contains numerous exercises and questions that are an integral part of the learning process, and that teachers, instructors, and students are sure to appreciate."

The Quarterly Review of Biology, September 2008, Volume 83, Number 3

"It has been 25 years since the first edition of Molecular Biology of the Cell (MBoC) was published, which means that roughly half of today's practicing scientists do not remember life without this cell biology 'bible'. The other half might recall how the book almost instantly filled a void with refreshingly clear and engaging writing illustrated with extensive diagrams and figures....MBoC has only improved over its several editions, growing with the rapid advances in the field to become an essential resource for students at all levels and a trusted first stop for researchers transitioning into unfamiliar areas of cell biology....An enduring strength of the book is that it remains a comprehensive textbook....In addition to the comprehensive updating of every chapter, another reason to consider acquiring edition five is the improved integration of the print volume with an extensive array of videos and animations in the 'Cell Biology Interactive' provided on the accompanying DVD....Another welcome improvement in MBoC5 helps link the textbook to the lab - there are now problems printed at the ends of the first 20 chapters. Whereas some are designed to facilitate information retention, the best problems stimulate thought and challenge the reader to think about experimental approaches for learning new things about cell biology....the MBoC5 package is a fantastic resource and well worth the upgrade."

-Development (Company of Biologists) 135, 3973-3974 (2008)

About the Author

Bruce Alberts received his PhD from Harvard University and is Professor of Biochemistry and Biophysics at the University of California, San Francisco. For 12 years, he served as President of the U.S. National Academy of Sciences (1993-2005).

Alexander Johnson received his PhD from Harvard University and is Professor of Microbiology and Immunology and Director of the Biochemistry, Cell Biology, Genetics, and Developmental Biology Graduate Program at the University of California, San Francisco.

Julian Lewis received his DPhil from the University of Oxford and is a Principal Scientist at the London Research Institute of Cancer Research UK.

Martin Raff received his MD from McGill University and is at the Medical Research Council Laboratory for Molecular Cell Biology and the Biology Department at University College London.

Keith Roberts received his PhD from the University of Cambridge and is Emeritus Fellow at the John Innes Centre, Norwich.

Peter Walter received his PhD from The Rockefeller University in New York and is Professor and

Chairman of the Department of Biochemistry and Biophysics at the University of California, San Francisco, and an Investigator of the Howard Hughes Medical Institute.

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