

PRINCIPLES OF Molecular Virology

FIFTH EDITION

ALAN J. CANN

The fifth edition of the highly successful *Principles of Molecular Virology* provides an easily accessible introduction to modern virology. Focusing on a molecular approach, this classic textbook explains virology in a clear and concise manner. The book explores and explains the fundamentals of virology, including the structure of virus particles and genomes, replication, gene expression infection, pathogenesis and subviral agents. The self-assessment questions, glossary and pronunciation guide provide excellent revision aids and are a handy references for students, tutors and researchers. The accompanying website contains material to complement and enhance the text, including: interactive self-assessment questions and links to online resources. In addition, the Instructor's website contains electronic versions of all the diagrams in the book, and updated notes in Microsoft PowerPoint format covering all the chapters.

- Completely rewritten and updated
- Clear and easy to understand
- Examples covering important ideas in virology
- All new illustrations
- Accompanying website with interactive resources and teaching materials for instructors

DR. ALAN J. CANN is a senior lecturer in Biological Sciences at the University of Leicester, UK. Having worked both in the UK and in the USA, and in addition to teaching undergraduate, postgraduate and medical students, he has widespread research interests in molecular virology and pathogenesis of viruses.

Praise for the previous editions:

"A short, straightforward, inexpensive paperback that concentrates on the basic principles of molecular virology... provide(s) a good starting point for non-virologists to rapidly acquire a working knowledge of the area." *Trends in Biochemistry*

"There is a remarkable amount of detail included for such a small book. This well-written text provides a very useable introduction to virology. The information provided is current. It would be a worthwhile addition to the library of teachers of undergraduate virology."

Doody review



ACADEMIC PRESS

An imprint of Elsevier
elsevierdirect.com

ISBN: 978-0-12-384939-7



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