

PRINCIPLES OF Molecular Virology

Provides an essential introduction to modern virology. Focusing on a molecular approach, this textbook presents the principles of virology in a clear and concise manner that will give students of biology or medicine a broad, comprehensive understanding of the subject. The text explores and explains the fundamental aspects of virology including

- **Structure of Virus Particles and Virus Genomes**
- **Virus replication**
- **Control of Gene Expression**
- **Virus Pathogenesis (Including AIDS)**
- **Detailed and up-to-date Discussion of Prion Diseases**

This new edition is expanded and has been completely revised and updated with many new figures and tables, which complement the text. The summaries and new self-assessment questions at the end of each chapter provide excellent revision aids.

FROM REVIEWS OF THE FIRST EDITION:

...Excellent...the writing flows easily with good practical examples...an attractive, up-to-date book and is an excellent buy that I can strongly recommend.

Society for General Microbiology Quarterly

More suitable for an undergraduate class than any other text I have recently seen...readable and undergraduate-friendly, and it fills a definite niche

American Society for Microbiology Quarterly

...Compact...and realistically priced...Present(s) molecular virology to an undergraduate audience in an easily digestible form

Trends in Microbiology

...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

Alan Cann has worked in both the UK and USA, and in addition to teaching undergraduate, postgraduate and medical students, he runs a research laboratory studying the molecular biology and pathogenesis of RNA viruses.

Front Cover: Coloured Transmission Electron Micrograph (TEM) of *Pollio Viruses*.
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