

Book Reviews

Editorial Policy. Recently published books and journals (one copy) are invited by the Editorial Office for announcement and review in ANTICANCER RESEARCH (no fee). Each announcement should include the full title of the publication, authors or editors, the number of pages, price, year of publication, ISBN and publisher. Publishers will be notified upon receipt of books and tear sheets of reviews will be sent after publication. Books will be returned to the sender only if the announcement is rejected. Reviews will be objective and clear regarding the content, quality and usefulness of the publication.

Molecular and Cellular Biology of Viruses. 1st Edition.

Edited by P. Loströh.

2019, pp 501, GBP 59.99, ISBN: 9780815345237.
CRC Press, Taylor & Francis Group, Boca Raton, FL, USA.

Viruses interact with host cells in ways that uniquely reveal a great deal about general aspects of molecular and cellular structure and function. *Molecular and Cellular Biology of Viruses* leads students on an exploration of viruses by supporting engaging and interactive learning. All the major classes of viruses are covered, with separate chapters for their replication and expression strategies, and chapters for mechanisms such as attachment that are independent of the virus genome type. Specific cases drawn from primary literature foster student engagement. End-of-chapter questions focus on analysis and interpretation with answers being given at the back of the book. Examples come from the most-studied and medically important viruses such as HIV, influenza, and poliovirus. Plant viruses and bacteriophages are also included. There are chapters on the overall effect of viral infection on the host cell. Coverage of the immune system is focused on the interplay between host defenses and viruses, with a separate chapter on medical applications such as anti-viral drugs and vaccine development. The final chapter is on virus diversity and evolution, incorporating contemporary insights from metagenomic research.

Key features: Readable but rigorous coverage of the molecular and cellular biology of viruses; Molecular mechanisms of all major groups, including plant viruses and bacteriophages, illustrated by example; Host-pathogen interactions at the cellular and molecular level emphasized throughout; Medical implications and consequences included; Quality illustrations available to instructors; Extensive questions and answers for each chapter.

External Beam Therapy. Third Edition.

Edited by P. Hoskin.

2019, pp 560, GBP 55.00, ISBN: 9780198786757.
Oxford University Press, Oxford, UK.

External beam therapy is the most common form of radiotherapy, delivering ionizing radiation such as high-energy x-rays, gamma rays, or electron beams directly into the location of the patient's tumour. Now in its third edition, this book is an essential, practical guide to external beam radiotherapy planning and delivery, covering the rapid technological advances made in recent years.

The initial chapters give a detailed insight into the fundamentals of clinical radiotherapy. This is followed by systematic details for each tumour site commonly treated with radiotherapy, covering indications, treatment, and planning. The final chapter covers the all-important aspect of quality assurance in radiotherapy delivery.

This third edition has been fully updated and revised to reflect new techniques, including details of intensity modulated radiotherapy (IMRT), image guided radiotherapy (IGRT), stereotactic body radiotherapy (SBRT), and proton therapy.

Written by experts in each field, *External Beam Therapy* is an invaluable companion to professionals and trainees in medical physics, therapeutic radiology, and clinical or radiation oncology.

Cancer-related Breakthrough Pain. Third Edition.

Edited by A. Davies.

2019, pp 112, GBP 24.99, ISBN: 9780198840480.
Oxford University Press, Oxford, UK.

Breakthrough pain is a common occurrence in patients with cancer pain, and is often associated with a deleterious effect on daily life, impairing quality of life substantially. It is a heterogeneous condition, and management needs to be individualized.

This valuable pocketbook discusses the clinical features of breakthrough cancer pain and the different strategies for management. It covers assessment, treatment, and reassessment. It also reviews the evidence for pharmacological interventions, like rapid onset opioids, as well as non-pharmacological interventions and disease modifying treatments.

This new edition has been thoroughly updated to account for recent developments within the field. These updates ensure that *Cancer-Related Breakthrough Pain* (Oxford Pain Management Library) continues to be an invaluable resource for specialists and trainees in palliative care and pain management, as well as being a quick reference guide for GPs, specialist nurses, and other healthcare professionals.