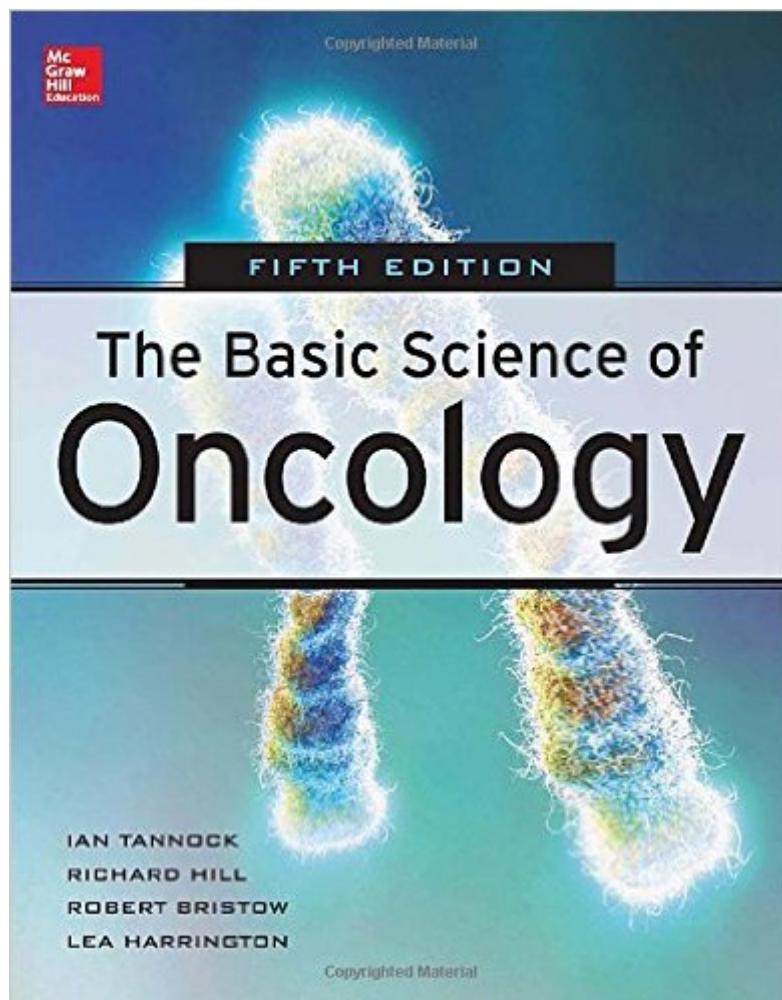


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Basic Science Of Oncology, Fifth Edition (McGraw-Hill International Editions)



Synopsis

NOW IN FULL COLOR! Discover the science of cancer--with this newly revised, essential introduction to cancer biology and genetics A Doody's Core Title for 2015! Here in one well-organized, reader-friendly volume, you'll find everything you must know about the biology underlying cancer and its treatment, supported by the latest peer-reviewed research. Written by preeminent oncology researchers and clinicians, the book highlights the full range of important oncology topics and takes you through the biological basis of current and future biological therapy as well as more traditional approaches to cancer treatment. Presented in full color, the Fifth Edition of *The Basic Science of Oncology* is thoroughly updated and refreshed to reflect the latest critical thinking in oncology. For graduate students, oncologists, residents, and fellows, there can be no more useful guide to the bedrock science and practice of oncology than this all-in-one reference. This is a 2015 Doody's Core title.

FEATURES:

- The most current, evidence-based oncology primer--one that encapsulates the science of cancer causation, cancer biology, and cancer therapy
- Key insights into molecular and genetic aspects of cancer familiarize you with cancer biology as applied to prognosis and personalized cancer medicine
- In-depth focus on the discovery, evaluation, and biology of anti-cancer drugs, immunotherapy, and molecularly-targeted agents
- Up-to-date coverage of the basic science of radiation therapy
- Specific chapters/sections on intratumor heterogeneity as it relates to potential new treatment strategies--including tumor microenvironment and metabolism, tumor stem cells, and genomic/proteomic heterogeneity
- NEW! Chapter Essentials synthesize chapter content in a convenient list
- NEW! Color diagrams and schematics summarize important data

Book Information

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Customer Reviews

This is probably the best introductory oncology book I have found. I taught out of it in classes for advanced undergraduates, first year graduate students and doctor of pharmacy students. It is comprehensive and easily readable, and the treatment of general concepts is second to none. Some of the listings of identified oncogenes and such are a bit dated, but that should be rectified when the 3rd edition is published (currently expected April 1, 1998). The section on the biology underlying cancer treatment is particularly useful, and hopefully the 1998 update will continue to be so.

This book was recommended reading for my postgraduate degree in medical oncology. It is awful! While the content is generally good, it is unfortunately presented poorly:1) Figures are in black and white (like in textbooks from the 70s)2) It seems the target audience are molecular biologists, because the content is far from "basic". I ended up reading Alberts "Molecular Biology of the Cell" and Weinberg's "Biology of Cancer" instead. Those are amazing textbooks, easy to read, and they cover the same topics as Tannock/Hill' book. Sure, Alberts/Weinberg together are close to 2000 pages, but this turned out to be easier, faster and far more enjoyable than reading Tannock/Hill.

Having heard so much about this book, I was very disappointed by the fact that this book really wasnt so basic . It does provide a comprehensive analysis of many other aspects of oncology ,but it most certainly is not a book for beginners and at times you feel overwhelmed by the sheer detail with an inability to bring across basic concepts. This is a book for oncologists who have a more than basic grasp of the basic sciences. Read something simpler first.

I really think that this book is an excellent academic source on cancer. We went through many chapters of the previous edition in a course I have taken during my PhD education, 7 or 8 years ago. I recently purchased the last edition, as it is now among the sources I use and recommend in the PhD classes I offer to our students. I think a little background scientific knowledge on cancer will help get the best out of this book. It covers all aspects of cancer, refers to connections between different topics on cancer, which helps greatly in seeing the "big picture" also.

An excellent primer to start understanding the incredible complexities of cancer.

Excellent presentation. Clear explanations and figures. Updated and meaningful information. User friendly. Great reference book for medical students and doctors interested about the topic.

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