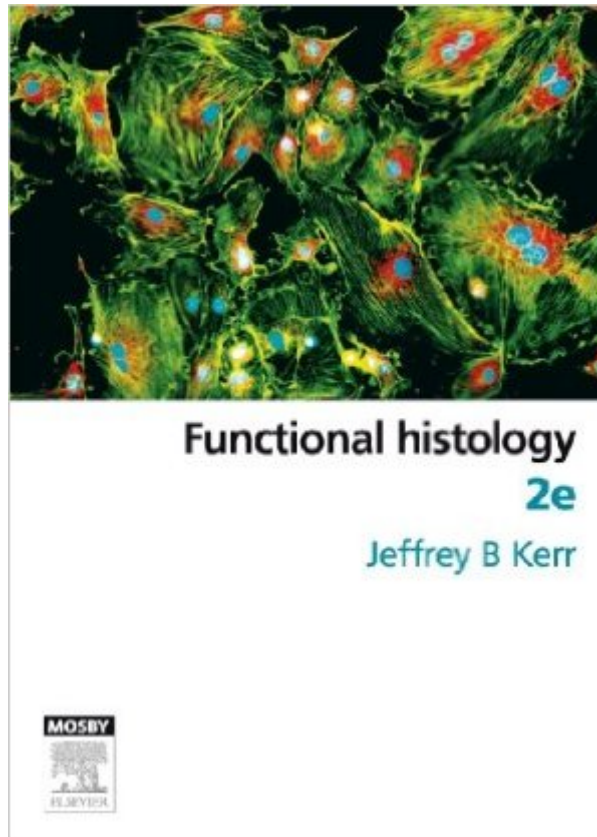


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Functional Histology, 2e



Synopsis

The study of histology requires that students be able to recognise structures within cells and tissues at varying levels of magnification, and understand their function within the human body. Since histology is a visual subject, high quality images of cells and tissues are vital as a component of course material. In this book, concise text relates the structures seen in the images to biological function, and integrates clinical relevance by describing how the histology of tissues is affected in abnormal conditions. WINNER - Best Designed Tertiary and Further Education Book at the Australian 58th Annual Book Design Awards, 20th May 2010 The book will enable the reader to critically evaluate the microscopic structures of tissues and organs and to recognize the association between morphology and cell activity with Introductory text at the beginning of each chapter summarising the key aspects of morphology A "Macro to Micro" approach, with low magnifications of organs or tissues that enable better appreciation of the relevance of higher magnification images Images and artworks integrated into the text Additionally this text reproduces in print format, histologic images that come closer to what is seen down the microscope than any other book. This has been achieved through painstaking preparation of original slides and editing to colour correct where necessary. Chapter 1: The Cell, completely revised and expanded to review all the basic concepts of cell biology as it relates to tissue structure and function A new Chapter : Origin of Primary Tissues Expanded Self-Assessment section to include more 'lookalike' tests on a CD or related website. Will include further reading Many more high quality electron micrographs showing cell ultrastructure A technical preface that explains the different types of staining techniques and the difference between electron and light microscopy Magnification bars and staining information against every micrograph Learning objectives at the beginning of every chapter and highlighted key terms A CD-ROM or related website that includes additional 'lookalike' Q&As All chapters revised and updated; updated clinical notes 300+ new images New design - A4 double column; figures integrated in text; new artwork Many new immunofluorescence images

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Customer Reviews

Kerr's has been a great asset to my medical studies. The images and text are easily read and make histology a lot easier than it might otherwise be.

Easy enough to read and the pictures are stunning in details and colour.

It is a beautifully written textbook.

So many incredibly beautiful, crisp micrographs! This is the most beautifully illustrated book of Histology I have ever seen! And I own four other Histology texts.

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