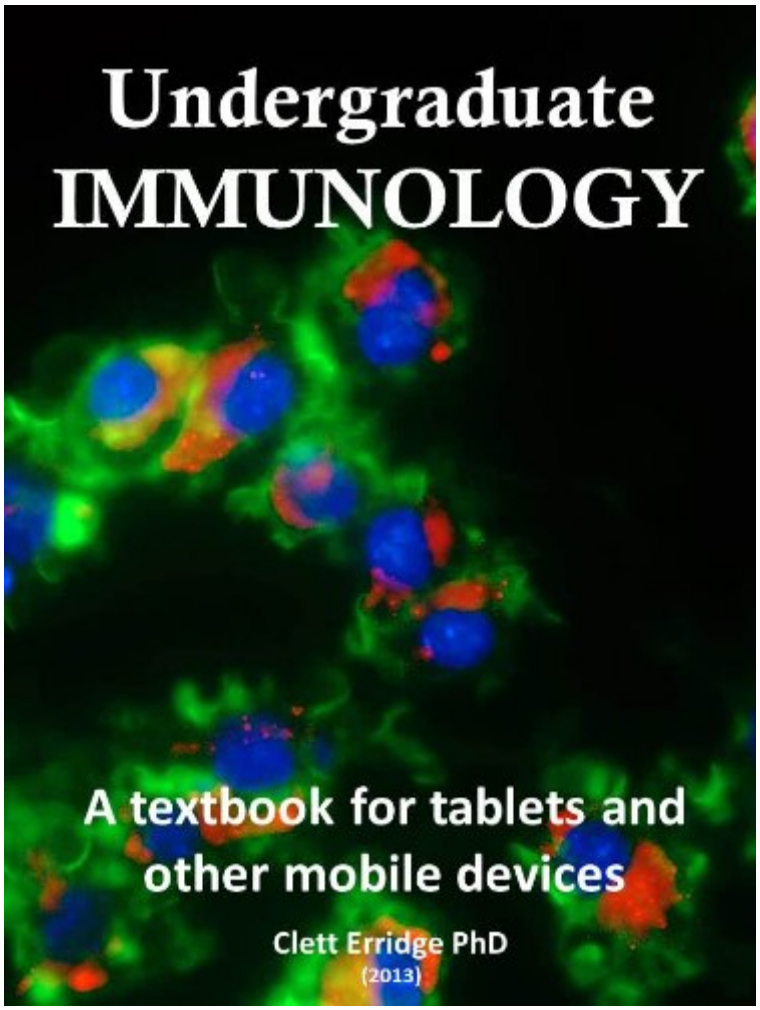
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Undergraduate Immunology: A Textbook For Tablets And Other Mobile Devices



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Synopsis

This exciting new electronic textbook aims to introduce and explain each of the major aspects of human immunology that are likely to be covered during undergraduate courses in immunology. It should be of most benefit to students of biology, medicine, microbiology and of course, immunology. With 18 chapters and 98 full colour figures, the different topics are introduced in an order that can be followed from the most basic concepts of immunology in the early chapters, through to quite advanced topics later in the book. Each chapter begins with a summary of the information leading up to the chapter, and ends with a list of revision points summarising each key new item that has been introduced. For those wishing to explore particular topics in more depth, suggestions for further reading are offered at the end of each chapter, with links to external websites and articles that are free to access for readers with an internet connection.Also included in the book is a self-assessment section featuring >160 self-test questions and answers to aid revision and also to help gauge understanding of the material presented in each chapter.The book has been optimised for reading on tablets and other mobile devices, such as mobile telephones, kindles and other e-readers. In particular, the text and images are optimised to minimise file sizes in order to enable quick download and to be easily accommodated on smaller devices. All images are sized to fit the aspect ratio most commonly used by tablets, phones and e-readers, and to remain legible even when viewed using smaller screens. The book is also enabled for electronic text-to-speech conversion, so if your device offers this function, it will be possible to listen to the book as an aid to revision.Contents include:Chapter 1: Introduction to immunology, the challenges and the requirementsChapter 2: Introduction to cellular and molecular biologyChapter 3: Cells and tissues of the immune responseChapter 4: Innate immunity and pattern recognitionChapter 5: InflammationChapter 6: Overview of adaptive immunityChapter 7: Lymphocyte subsets and developmentChapter 8: Antibodies and the humoral responseChapter 9: Presentation to T-cellsChapter 10: Genetic rearrangement: the key to adaptive immunityChapter 11: B-cell activationChapter 12: T-cell activation and cell-mediated immunityChapter 13: Immunological memory and vaccinationChapter 14: Immunological tolerance and transplantationChapter 15: Mucosal and cutaneous immunityChapter 16: Immune responses to major pathogensChapter 17: Hypersensitivities and allergyChapter 18: Methods in immunologyAppendix I: Abbreviations commonly used for immunological termsAppendix II: Properties of key cytokinesAppendix III: Greek letters commonly used in immunology termsAppendix IV: Test yourself! A selection of example test questions and answers to gauge understanding of each chapter

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Customer Reviews

I should begin by writing that this e-book is a great value. When comparing to its contemporaries, the price of $8 for a college level textbook is ridiculous. It is comprehensive and updated, even if low with clinical examples. However, with the outstanding resolution of modern tablet screens (retina display, for example) the quality of the figures and tables is not optimal, particular when enlarged. I understand that these were designed to allow rapid download and to reduce file sizes, but the study of sciences, immunology particularly, is considerably aided by high-grade illustrative figures (compare for example to those published in the Abbas and Kuby textbooks) of good quality and accuracy. The schematic presentations, for example of lymph node, spleen or thymus structures are borderline abstract.

A very thorough intro to immunology. And an excellent buy. I recommend this to anyone, not just med students, who want to understand how the immune system works. It’s thorough but you don’t have to be a biology wiz to understand it.

This certainly doesn’t substitute for a full and comprehensive stand-alone textbook, but it is a very good "on-the-go" app to have handy if you are in a medical field that needs access to the

information. Well-written and has good graphics.

Clear description and illustrations of immunology.Clinical side was less than I wanted.

Good immunology book, easy a beautiful

This book is a great refresher for those considering crossing from the veterinary profession into human medicine, diagnostic lab techs or anyone looking to boost (or refresh) their knowledge on immunology. A great reference for registered nurses or licensed veterinary technicians who spend most of their time with clients explaining the 'hows' and 'whys' of the body's immune system from vaccination protocols to problems with autoimmune disorders and everything in between. This book assumes you have some basic knowledge of medicine - at the very least, biology basics at the cellular level. It is an 'undergraduate' book as it states so it is not as heavy a read as some of the major medical textbooks. I have a copy for my Kindle Paperwhite. The figures and illustrations would be much more enjoyable on a color Kindle and the actual book itself would be worth having in my reference library but overall, I am happy with my purchase. This book is a great book for homeschoolers considering pre-med since it compliments biology and anatomy and physiology courses. Considering the information contained in this book and the price of even used textbooks these days, the kindle price was almost a steal.

It is really a good book for undergraduate student of medicine, veterinary and biology course

Good college level introductory text

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