Immunology texts to consider for IMMU 7630
(there is no *required* textbook)
2016

For this course the online notes will be adequate for most people. You may want to consult a text occasionally, or buy one. At this level Wikipedia is not adequate! There is really no perfect text for students, as most have too much detail to be used as anything but a reference; as such, some are quite good. Descriptions are arranged here roughly in order of JJC's preference, which may not be yours. Don't rely on a book more than about 4 years old. Amazon.com prices are quoted. Nowadays many books also come in an electronic version.

JANEWAY'S IMMUNOBIOLOGY, by Murphy and Weaver. Garland, London, 2016. (Ninth edition). This book is well-illustrated, complete, and up-to-date. Too much to read, but a very useful reference—especially for basic immunology. 928 pp. plus access to enhancements online. $90 for a loose-leaf edition.

ROITT'S ESSENTIAL IMMUNOLOGY, by Roitt, Martin, Delves, and Burton. Blackwell, Oxford, 2011. (Twelfth edition). The 11th had 2 new authors, and was overall a good book. Too much detail, and the organization is very different from that of our course. The humor is British. Reasonable basic/clinical balance; basic has been better in Janeway, clinical is better in Roitt. **But the 13th is due in January 2017,** so I wouldn't buy the 12th now. 560 pp. and a Web site. $67.

CELLULAR AND MOLECULAR IMMUNOLOGY, by Abbas, Lichtman and Pillai. Elsevier Saunders, 2014 (Eighth edition). This has long been a popular book with medical students, and has gradually become more molecular. Like the others, it has online features. 560 pp. $87. There is a Kindle edition, but you need to have a high-end Kindle to see the illustrations.

KUBY IMMUNOLOGY by Owen, Punt and Stranford. W. H. Freeman, New York, 2013. (Seventh edition). The current edition of the late Janice Kuby's book. This has long been the favorite of immunology graduate students; clearly written, experimentally based. Some differences now with 3 new authors, so check that you like it before you buy. 692 pp. $97. The format is loose-leaf.

The following are specialized references:

MANUAL OF ALLERGY AND IMMUNOLOGY by Adelman, Casale, and Corren. Lippincott Williams & Wilkins, 2012 (Fifth edition). The manual presents the basic and essential material and provides specific information to assist in clinical decision-making and treatment planning. Lots of algorithms. 504 pp. $64.

CLINICAL IMMUNOLOGY: PRINCIPLES AND PRACTICE, Edited by Rich, Fleisher, Shearer, Schroeder, Frew, Weyand. Mosby, Philadelphia, 2012 (Fourth edition). *The* reference for clinical immunology; 101 chapters, 1323 pages. The British Journal of Immunology's reviewer said "This is a 'must have' book for any serious student of clinical immunology...Certain highlights stand out for me: the use of line diagrams to supplement histological photographs is excellent- to provide clarity to the features that are being demonstrated...overall, this book is very readable and user friendly, despite the size, and I learned a lot. I heartily recommend this book." Of course it lists for $297. And it's getting on in years…

FUNDAMENTAL IMMUNOLOGY, Edited by Paul. Lippincott Williams & Wilkins, Philadelphia, 2012 (Seventh edition). A multiauthor, $220. book that is as good a single-volume reference as there is, especially for people planning a career in immunology. Still good for classic subjects but showing how fast knowledge changes in, for example, cancer immunotherapy. Since Bill Paul unfortunately passed a while ago, there may not be a new edition. 1312 pp. Includes Web access to all the text, plus good hyperlinks.

HOW THE IMMUNE SYSTEM WORKS, by Sompayrac. Wiley-Blackwell, Hoboken, 2015. (Fifth edition). This book is on the other end of the spectrum: a slim volume for beginners. Undergraduates love this book, especially if they have a terrible teacher (according to their reviews.) ☺ Only 160 pages, $31.