

reaching impacts beyond pure intellectual fulfillment. Although scientists may not always be visible, their contributions continuously generate hope for patients and the medical community. I highly recommend this book for scientists who desire to understand cancer in a broader scope, and/or who wish to rekindle the passion that first brought them into cancer research.

Hsin-hao Hsiao
Yale University School of Medicine
Departments of Molecular Biophysics
and Biochemistry and Pathology

Medical Mycology: Cellular and Molecular Techniques. Edited by Kevin Kavanagh. Hoboken, New Jersey: Wiley; 2006, 348 pp. \$80 Hardcover. ISBN: 9780470057414.

Medical Mycology is first and foremost a laboratory technique manual. While each chapter begins with some explanatory text providing background on the pathogenic fungi, the bulk of the book is devoted to protocol. The text, edited by Kevin Kavanagh, covers diagnosis of *Candida* infection by immunohistochemistry, techniques for identification of pathogenic fungi using transmission electron microscopy, analysis of antifungal drug resistance, use of animal models, and additional techniques for molecular analysis and study of virulence. The fungal species most represented in *Medical Mycology* are *Candida albicans* (a common cause of periodontal disease and other human fungal infections), *Aspergillus fumigatus* (a common filamentous fungus responsible for infection in immunocompromised patients), and *Cryptococcus neoformans* (a pathogenic yeast infecting immunocompromised patients).

Each chapter is organized logically, with sections devoted to “equipment, materials, and reagents,” and a step-by-step “method.” Figures included in each chapter provide the researcher with examples of results from immunohistochemical stains, for example, and help in identification of fungi. Schematics also are included to aid understanding of molecular pathways and reac-

tions. At the end of each chapter is a list of primary references for further reading. *Medical Mycology* is a useful guide for molecular, immunological, and cytological techniques that will prove useful to researchers and students alike.

Katie Moy
Yale University Graduate School
of Arts and Sciences
Department of Genetics

Case Files Internal Medicine. 2nd edition. By Eugene C. Toy, John T. Patlan, Fabrizia Faustinella, S. Elizabeth Cruse. New York: McGraw-Hill Medical; 2006, 528 pp. \$29.95 Paperback. ISBN: 9780071463034.

Internal medicine can be a daunting subject for any medical student hitting the books or hitting the wards. Enter *Case Files Internal Medicine*, an excellent review book geared toward medical students studying for the internal medicine clerkship or USMLE Step 2. This book serves as a comprehensive — but by no means exhaustive — guidebook to common medical problems. The first section provides a brief overview on the proper approach to patients. Following this section is the real meat of the book: 60 fully-explained internal medicine clinical cases. Cases are presented in a random order, so as to simulate the real-life clinical environment. Following the page-long case presentation, the book provides a brief “answer” and then a far more detailed “analysis” of the condition presented. The analysis section for each case is certainly not as detailed as an internal medicine textbook, but it should give the reader a good working knowledge of the appropriate considerations and approach to each case as well as the relevant pathophysiology and treatment.

The format of this book allows for multiple methods of study. Readers looking to rapidly quiz themselves while preparing for exams can simply read the cases and receive quick feedback from the brief answers directly following each case presentation. Also useful for these readers