

New Books

Cellular Diagnostics: Basic Principles, Methods and Clinical Applications of Flow Cytometry

Edited by Ulrich Sack, Attila Tárnok, Gregor Rothe. KARGER. XXX + 738 p., 184 fig, 29 in color, 117 tab, hardcover, 2009. CHF 179/ EUR 128/ USD 179. ISBN 978-3-8055-8555-2.

This book is the updated English version of the 2006 German bestseller *Zelluläre Diagnostik*, a comprehensive presentation of flow cytometry and its applications.

While some techniques and immunophenotyping by flow cytometry are already routine procedures in the laboratory, new methods for the functional characterization of cells, the analysis of rare cells, and the diagnosis of complex materials have only begun to gain wide recognition. New approaches such as slide-based cytometry will lead to an increase in the use of cytometric techniques. Multiparameter approaches will further improve analysis.

This book provides a comprehensive and detailed compilation of all aspects of flow cytometry in research and clinical practice. For newcomers it offers a thorough introduction; for advanced users, specific protocols and interpretation assistance.

Clinical Allergy: Diagnosis and Management

Edited by Gerald W. Volcheck. HUMANA PRESS. XX, 491 P. 86 illus., 30 in color. Current Clinical Practice. Hardcover. 1-58829-616-4.

Allergic diseases affect nearly a quarter of the population and cause or contribute to significant chronic illness. Allergic diseases are common and are seen by a wide variety of health care providers. In *Clinical Allergy: Diagnosis and Management*, the author provides a practical clinical overview for the common disorders encountered in the specialty of Allergy. Designed to be easily readable and to provide clinically applicable information for both the nonallergist and allergist, the book unravels the mystery of allergy. The introductory chapters focus on the human immune response, environmental allergens, and the different types of allergy testing. The subsequent chapters focus on the common allergic conditions seen in the office or clinic, including rhinitis and rhinosinusitis, allergic eye disease, asthma, urticaria and angioedema, atopic and contact dermatitis, drug allergy, food allergy, anaphylaxis, and stinging insect allergy. "Cross-talk" between chapters helps show the relationships between the various allergic disorders. The chapters begin with a review of pathophysiologic mechanisms and then consider a clinically structured approach to diagnosis and management of the disorders. In addition to pharmacologic treatment, the importance of nonpharmacologic management and patient education is emphasized. At the end of each chapter, clinical vignettes highlight the daily management of the allergic patient. *Clinical Allergy: Diagnosis and Management*, provides a logical framework for the evaluation and management of allergic disorders.