

New Books

Patch Testing Tips

Recommendations from the ICDRG

J.M. Lachapelle, M. Bruze, p. elsner (Eds.) SPRINGER. 2014, X, 171 p. 33 illus., 26 illus. in color. ISBN 978-3-642-45395-3

- Compendium of practical tips on patch testing, also covering often overlooked aspects
- Based on the recommendations of the International Contact Dermatitis Research Group (ICDRG)
- Many informative illustrations

This book is a compendium of tips on many different aspects of patch testing based on the recommendations of the International Contact Dermatitis Research Group (ICDRG), which is the reference group for all dermato-allergologists. It is intended to complement the book *Patch Testing and Prick Testing: A Practical Guide* by J.M. Lachapelle and H. Maibach, which is an official publication of the ICDRG now in its third edition. Among the wide variety of topics covered are pitfalls, legal aspects, patch testing with ultrasonic bath extracts, the role of patch testing in occupational contact dermatitis and atopic dermatitis, semi-open tests, the implications of a negative test, patch testing validity, selection of extra allergens and patch testing in the tropics. Many illustrations are included and all information is completely up-to-date. This book will be of value to all practicing dermatologists.

Diseases of the Sinuses

A Comprehensive Textbook of Diagnosis and Treatment

C.C. Chang, G.A. Incaudo, M.E. Gershwin (Eds.) SPRINGER. 2nd ed. 2014, XVIII, 601 p. 404 illus., 274 illus. in color. ISBN 978-1-4939-0265-1

- Comprehensive resource on the basic, clinical, and medical and surgical management aspects of sinus disease
- Provides new concepts, insights, and experience that can be beneficially applied to the diagnosis and treatment of patients
- Developed by a distinguished group of international experts who share their expertise and insights from years of collective experience in treating sinus diseases

Diseases of the Sinuses: A Comprehensive Textbook of Diagnosis and Treatment, 2nd Edition, is a definitive source of information about the basic science of the sinuses and the clinical approach to sinusitis. Since the widely praised publication of the first edition, understanding of sinus disease has changed dramatically, mainly as a result

of recent developments and new discoveries in the field of immunology. This updated and expanded edition is divided into sections addressing, separately, the pathogenesis, clinical presentation, medical and surgical management of acute and chronic rhinosinusitis. Special entities such as autoimmune-related sinusitis, allergy and sinusitis, and aspirin-exacerbated respiratory disease are discussed in separate chapters.

The role of immunodeficiency is also addressed. The management section has been fully updated to incorporate new medical modalities and surgical procedures. Developed by a distinguished group of international experts who share their expertise and insights from years of collective experience in treating sinus diseases, the book will appeal to anyone who has an interest in sinus disease, including both physicians and allied health professionals. Internists, pediatricians, allergists, otolaryngologists and infectious disease specialists will find the book to be an invaluable, comprehensive reference. Physician assistants and nurse practitioners who work with specialists who treat sinus disease will also benefit from the book.

Eosinophils

Methods and Protocols

Series: Methods in Molecular Biology, Vol. 1178

G.M. Walsh (Ed.) SPRINGER. 2014, XII, 324 p. 64 illus., 39 illus. in color. ISBN 978-1-4939-1015-1

- Includes cutting-edge methods and protocols
- Provides step-by-step detail essential for reproducible results
- Contains key notes and implementation advice from the experts

In *Eosinophils: Methods and Protocols*, experts in the field of eosinophil biology comprehensively provide detailed methodological insight into the study of this fascinating cell. This book is aimed at a diverse range of basic and clinical scientists who wish to work with eosinophils or who require an update of their knowledge or to gain the information required to study a function of the eosinophil different to their current area of enquiry. Written in the highly successful *Methods in Molecular Biology* series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and key tips on troubleshooting and avoiding known pitfalls.

Authoritative and practical, *Eosinophils: Methods and Protocols* seeks to aid scientists in the discovery of new hypotheses and for further examination of this intriguing cell.

**Regulatory B Cells
Methods and Protocols**

Series: Methods in Molecular Biology, Vol. 1190

G. Vitale, F. Mion (Eds.) SPRINGER. 2014, XI, 292 p. 53 illus., 19 illus. in color. A product of Humana Press. ISBN 978-1-4939-1160-8

- Includes cutting-edge methods and protocols involving B cells with suppressive functions and their immunological properties
- Provides step-by-step detail essential for reproducible results
- Contains key notes and implementation advice from the experts

Regulatory B Cells: Methods and Protocols presents the current experimental set-ups and methodologies useful for the identification and characterization of B cells with suppressive functions and for the study of their biological and immunological properties.

Organized into four sections, this detailed volume covers the basic methods for the isolation and immunophenotypical characterization of specific B-cell subsets from mouse and human tissues, methods for the investigation of the mechanisms of immune suppression operated by B cells, several experimental approaches for the ex vivo generation/expansion of IL-10-producing B cells, as well as procedures for the study of the immune suppressive function of B cells in specific pathological settings. Written in the highly successful *Methods in Molecular Biology* series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls.

Practical and authoritative, *Regulatory B Cells: Methods and Protocols* serves as an ideal guide for immunologists as well as for cell and molecular biologists interested in the intricacies of B-cell biology.