

New Books

IgG4-Related disease

Umehara H, Okazaki K, Stone JH, Kawa S, Kawano M. (Eds.) SPRINGER. 2014, IX, 237 p. 185 illus., 111 illus. in color. ISBN 978-4-431-54228-5

- First book on IgG4-related disease.
- Numerous, detailed radiological and histopathological images.
- An authoritative and comprehensive book written by experts in the field.

IgG4-related disease is a new systemic disease that has only recently been identified and characterized. However, most clinical practitioners are not yet familiar with it and thus are likely to misdiagnose it. The purpose of this book is to raise awareness of this disease and its diagnostic pitfalls. A wealth of radiological and histopathological images helps clinicians to understand its characteristics in various organs as well as their clinical and basic medical backgrounds. All of the authors are experts who have published numerous important papers in the field. This book will be useful to physicians in various disciplines such as gastroenterology, rheumatology, ophthalmology, otolaryngology, urology, hematology, and respiratory medicine, not only as a textbook but as an authoritative and comprehensive reference work as well.

The complement system. Methods and Protocols

Gadjeva, Mihaela (Ed.). Series: Methods in Molecular Biology, Vol. 1100. 2014, XVI, 383 p. 81 illus., 27 illus. in color. Humana Press. ISBN 978-1-62703-724-2 Hard cover ISBN 978-1-62703-723-5

- Presents current up-to-date methodologies.
- Features tips on trouble shooting and avoiding known pitfalls.
- Contains key notes and implementation advice from the experts.

Complement Systems: Methods and Protocols is composed of 32 individual chapters that describe a variety of protocols to purify and analyze the activity of the individual complement components or pathways. It includes assays that describe detection of complement SNPs, clinical methods to evaluate complement system activation and data interpretation. 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.

Authoritative and practical, Complement Systems: Methods and Protocols provides a collection of well-esta-

lished “classical” assays and recently developed “new” assays to analyze the complement system activation will be useful to a wide audience of scientists.

Invasive fungal rhinosinusitis

Mankekar, Gauri (Ed.) SPRINGER. 2014, XI, 93 p. 71 illus., 58 illus. in color. ISBN 978-81-322-1530-1

- One of its kind comprehensive title on invasive fungal sinusitis.
- Covers all aspects of the pathology and its management.
- Practical Handbook on Invasive fungal sinusitis.
- Incidence of invasive fungal sinusitis has been increasing over the years. The understanding of its pathophysiology has improved with newer serological tests and diagnostic methods helping in earlier diagnosis and reducing patient morbidity. It was believed earlier that invasive fungal sinusitis is seen only in immune compromised patients but clinical reports suggest otherwise. More anti-fungal drugs are being added to improve incidence of patient survival. This book aims to compile all practical information about invasive fungal sinusitis into a single volume. Therefore, busy clinicians would not have to perform exhaustive literature studies to diagnose invasive fungal sinusitis. The book aims to provide an overview of diseases which could be mistaken for invasive fungal sinusitis and discuss how the management is different.

Book sections consist of clinical, microbiological, serological, pathological, radiological and pharmacological features of the disease and its management. Each section is important in today's context as it dynamically alters the management of the patient. Early clinical suspicion and rapid microbiological, pathological and radiological diagnosis with aggressive treatment with surgical debridement and medical therapy leads to favorable outcomes.

Dermatological diseases and cumulative life course impairment

Editors: M.D. Linder, Padua ; A.B. Kimball, Boston, Mass. KARGER. VIII + 162 p., 18 fig., 4 in color, 13 tab., hard cover, 2013. ISBN 978-3-318-02403-6

This publication presents currently available evidence about the extent to which dermatological diseases may, through their own nature as well as a multitude of comor-

bidities and their important interactions with social life, impair the life course of patients.

Divided into four parts, the book starts with a brilliant introduction that highlights the importance of a life course approach in medicine from a medical as well as from a psychosocial point of view. The second part provides a basic presentation of the theoretical aspects of life course research and, more specifically, to the concepts of allostatic load and cumulative life course impairment (CLCI). The third part examines concepts related to CLCI, such as the “quality of life in dermatology” or the “major life changing decisions” influenced by dermatological diseases. The book concludes with an in-depth investigation of specific diseases where the concept of CLCI strikes as particularly relevant.

The new and innovative evidence presented in this publication makes it essential reading to anyone who has to take social implications of skin diseases into account in their decision making: dermatologists, allergologists, pediatricians and general practitioners as well as researchers in medical sociology or opinion leaders in public health.

Innate immunity: resistance and disease-promoting principles

Editors: G Hartmann, Bonn; H Wagner, Munich. KARGER. Else Kröner-Fresenius Symposia. VIII + 130 p., 13 fig., 10 in color, hard cover, 2013. ISBN 978-3-318-02347-3

Our understanding of the complex innate immune response is increasing rapidly. Its role in the protection against viral or bacterial pathogens is essential for the survival of an organism. However, it is equally important to avoid unregulated inflammation because innate immune responses can cause or promote chronic autoinflammatory diseases such as gout, atherosclerosis, type 2 diabetes or certain aspects of the metabolic syndrome.

In this book leading international experts in the field of innate immunity share their findings, define the state of the art in this field and evaluate how insight into the molecular basis of these diseases could help in the design of new therapies. A tremendous amount of work on the innate immune response has been done over the last fifteen

years, culminating in the 2011 Nobel Prize in Physiology/Medicine awarded for the discoveries of Toll genes in immunity in flies, membrane-bound Toll-like receptors in mammals, and dendritic cells as initiators of adaptive immunity.

Bennett & Brachman's Hospital infections, 6th edition

By William R Jarvis. WOLTERS KLUWER. Publication Date: November 6, 2013 | ISBN-10: 1451175922 ISBN-13: 978-1451175929 | Edition: Sixth

The field of healthcare epidemiology and infection control has seen tremendous advances in the last decade. Bennett & Brachman's Hospital Infections, 6e, now in vibrant full color, provides the most up-to-date information on all aspects of this vital topic. Written by the world's foremost leaders in the field of nosocomial infections, this is your go-to text for preventing Hospital-Acquired Infections (HAIs) in all inpatient and outpatient healthcare settings.

Features:

- Master the latest evidence-based strategies for the prevention of the big four HAIs—CLABSIs, CAUTIs, SSIs, and VAE.
- Expand your knowledge of the latest prevention strategies through NEW coverage of automated room terminal disinfection (ultraviolet germicidal irradiation or hydrogen peroxide gas or vapor).
- NEW chapters on surgical site infection, dialysis, prevention of HAIs in intensive care units, mechanisms of resistance, the role of the environment in pathogen transmission, the role of the laboratory in infection prevention, prevalence vs. incidence HAI surveillance, infection prevention and control in countries with limited resources, the latest isolation procedures, and sterilization and disinfection.
- Access the latest evidence-based data on the control of antimicrobial-resistant pathogens, such as methicillin-resistant *Staphylococcus aureus*, vancomycin-resistant Enterococci, carbapenem-resistant enterobacteriaceae, and pandemic influenza viruses.