

New Books

Fields virology, Volume 1 and 2, 6th edition

Editors in Chief: David M. Knipe, Peter M. Howley
2013. WOLTERS KLUWER/LIPPINCOTT WILLIAMS
& WILKINS. ISBN-13 978-1-4511-0563-6. ISBN-10:
1-4511-0563-0

Fields Virology is the authoritative reference book for virology, providing definitive coverage of all aspects of virology, including thorough coverage of virus biology as well as replication and medical aspects of specific virus families. With the regular outbreaks of influenza, noroviruses as well as other emerging and re-emerging viruses, it is essential to have the most up-to-date information available.

With this Sixth Edition, all chapters have been completely updated and an important new emphasis has been placed on virus discovery and emerging viruses. Viruses associated with cancer, including the new human polyomaviruses, are highlighted in this Sixth Edition and new chapters have been added on circoviruses and mimiviruses.

Although the main focus of this edition continues to be on viruses, information on prions and the infectious spongiform encephalopathies is also included.

Features:

- Full color throughout with over 1000 illustrations in total and most chapters provide key figures for use as lecture slides.
- Online companion website with fully searchable text, all references linked to PubMed, and additional material not found in the print version for access to content anytime.
- New coverage of emerging and mutating viruses, including those causing influenza and HIV.
- Update coverage of viruses and cancer.
- Coverage includes virus structure, virus entry, replication, and assembly, virus-host cell interactions, host immune responses and vaccines, antiviral therapeutics, virus evolution and immunization.
- Thorough coverage of all viruses of medical importance, including both basic science and clinical features.
- New chapters on circoviruses and mimiviruses and a new section on chikungunya virus have been added.
- Important advances in antivirals, including new HCV protease inhibitors and HIV integrase inhibitors.

The importance of immunonutrition

Nestlé Nutrition Institute Workshop Series, Vol 77
Editors Maria Makrides, Juan B Ochoa, Hania Sazjewska
XVI+174 p., 23 fig, 11 tab. 2013. KARGER. ISBN 978-3-318-02446-3

Our daily food intake not only provides the calories and the macro- and micronutrients necessary for survival-nutrients also have a tremendous potential to modulate the actions of the immune system, a fact which has a significant impact on public health and clinical practice.

This book represents the latest findings on how nutrient status can modulate immunity and improve health conditions in pediatric patients. Divided into three parts, it covers major aspects of the interplay between nutrients and the regulation of immunity and inflammatory processes. Part one deals with the pharmaceutical value of specific amino acids (arginine and glutamine) and hormones for addressing immune disorders and infant development. The second part revolves around gut function and immunity, and the right balance of probiotics. The final part explores the role of lipid mediators and how their types and proportions can tip the balance in favor of health and disease.

Nasal physiology and pathophysiology of nasal disorders

Önerci, T. Metin (Ed.)

2014, XV, 616 p. 261 illus., 171 illus. in color. ISBN 978-3-642-37250-6

- Provides detailed information on numerous aspects of nasal physiology and pathophysiology.
- Covers all four functions of the nose: respiration, defense, olfaction, and cosmesis.
- Includes many helpful tables, schematic drawings, and color photos.
- Written by acknowledged experts.

Nasal physiology and pathophysiology is a relatively neglected area, yet without a deep knowledge of the physiology it is impossible to understand the impact of structural changes and the process of disease development or to make sound treatment decisions. With the help of numerous tables, schematic drawings, and color photographs, this book will enable the reader to understand the nasal physiology and pathophysiology in detail. All four functions of the nose – respiration, defense, olfaction, and cosmesis – are covered. Each chapter addresses one important aspect in an accessible way, and each is written by an acknowledged expert on the topic under consideration. The various techniques of clinical evaluation of nasal function are fully discussed, and current trends and future directions in nasal physiologic research are also explored. This book will be of value to both practicing otorhinolaryngologists and novices in the field.