

New Books

Studies on Respiratory Disorders

Series: Oxidative Stress in Applied Basic Research and Clinical Practice. Ganguly, N.K., Jindal, S.K., Biswal, S., Barnes, P.J., Pawankar, R. (Eds.) SPRINGER. 2014, XII, 394 p. 26 illus., 19 illus. in color. A product of Humana Press. ISBN 978-1-4939-0497-6

About this book

- Takes a novel approach to respiratory disorders, still among the most commonly encountered diseases
- Enables the pulmonary disease physician and research scientist to remain up-to-date on translational research into clinical applications
- Discusses the use of conventional biomarkers of oxidative stress and breath condensates as adjuncts to classic laboratory testing

Studies on Respiratory Disorders considers the whole panorama of oxidative damage in different respiratory disorders for the review of clinician and laboratory investigators and makes diverse information available in a single volume. This volume provides a comprehensive review of numerous studies on the role of oxygen and nitrogen species in lung diseases; it also discusses the potential role of antioxidants in their treatment. The contents are organized into 3 sections along fairly broad classifications: I. General introductory chapters on oxidant stress; general considerations related to reactive oxygen and nitrogen species; the role of exhaled breath condensate and other volatile compounds as exhaled biomarkers of inflammation; II. Oxidative stress in different groups of respiratory disorders such as pulmonary infections (viral, bacterial and tuberculosis); airway diseases such as chronic obstructive pulmonary diseases, air pollution, allergies and asthma; miscellaneous lung diseases (e.g., interstitial diseases, sarcoidosis, asbestosis, respiratory muscle dysfunction, pulmonary hypertension and cancer); and III. Antioxidant drugs. These final chapters on anti-oxidant drugs including the mimics (such as traditional herbs) provide a critical review of the available information on their success and failure. *Studies on Respiratory Disorders* is an important addition to the *Oxidative Stress in Applied Basic Research and Clinical Practice* series and is essential reading for those treating or researching treatment for respiratory disorders.

Asthma: Comorbidities, Coexisting Conditions, & Differential Diagnosis

Edited by Richard F. Lockey & Dennis K. Ledford with the World Allergy Organization. Oxford university press. WAO 2014. ISBN978-0-19-991806-5

Asthma sufferers number approximately 200 million worldwide, with 15-20 million of those in the United States. Multiple comorbid conditions occur with asthma, including rhinitis, rhinosinusitis, gastroesophageal reflux disease, sleep apnea, vocal cord dysfunction syndrome, obesity, and chronic obstructive pulmonary disease (COPD). Without identifying and caring for comorbid conditions, asthma cannot be treated appropriately. Comorbidity of allergic diseases emphasizes that we must understand more about why different organs in individuals express allergy and others do not. The increase in multiple allergies occurring in a single patient makes the global burden even more complex, and an integrated approach to diagnosis and new treatment strategies and preventative approaches are required.

Asthma: Comorbidities, Coexisting Conditions and Differential Diagnosis is the first volume to provide a centralized, comprehensive clinical reference on the diagnosis and management of the comorbid conditions that affect asthma. Because comorbid conditions of asthma have not yet been included in international and national management guidelines, this volume will help fill a gap in current clinical knowledge, aiding physicians in delivering optimal patient care. Written and published in conjunction with the World Allergy Organization (WAO), this book consists of the latest research and reviews of current theory and practice, the most effective advances in the diagnosis and management of asthma and its comorbidities, and insights into the fundamentals of asthma and its comorbidities. It presents scientifically-based medicine for each comorbid condition as it relates to asthma.

The mission of the WAO is to be a global resource and advocate in the field of allergy, advancing excellence in clinical care through education, research, and training as a worldwide alliance of allergy and clinical immunology societies.