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Titolo	Chronic Obstructive Pulmonary Disease : A Systemic Inflammatory Disease // edited by Hiroyuki Nakamura, Kazutetsu Aoshiba
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2017
ISBN	981-10-0839-6
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XI, 352 p. 64 illus., 27 illus. in color.)
Collana	Respiratory Disease Series: Diagnostic Tools and Disease Managements, , 2509-5552
Disciplina	616.24
Soggetti	Respiratory organs—Diseases Pneumology/Respiratory System
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Part I Definition and Epidemiology -- 1. Definition of COPD -- 2. Epidemiology of COPD -- Part II Genetic Predisposition and Pathogenic Mechanisms -- 3. Genetic predisposition to COPD -- 4. Pathogenesis of COPD—Persistence of airway inflammation -- 5. Pathogenesis of COPD 3- Oxidative stress -- 6. Pathogenesis of COPD 4 -- Part III Comorbidities -- 7. Pathogenesis of comorbidities in COPD -- 8. Assessment of inflammation in COPD -- Part IV Management and Treatment -- 9. Exercise therapy for COPD -- 10. Nutritional therapy for COPD -- 11. Home oxygen therapy for COPD -- 12. Bronchodilators for COPD -- 13. Inhaled corticosteroids for COPD -- 14. New anti-inflammatory drugs for COPD -- 15. Exacerbation of COPD -- Part V Associations with other Respiratory Diseases -- 16. Asthma-COPD overlap syndrome (ACOS) -- 17. Combined pulmonary fibrosis and emphysema (CPFE) -- 18. Association of COPD and lung cancer.
Sommario/riassunto	This book considers chronic obstructive pulmonary disease (COPD) not as a simple inflammation of the lung but as a systemic inflammatory disease. Beginning with epidemiological studies, etiology, diagnosis and treatment, it elaborates further, illustrating some comorbidities and associations with other respiratory diseases. As such it provides numerous improved and more comprehensive treatment methods, including drug therapies as well as some non-drug therapies. There are also chapters describing the pathogenesis, genetic abnormalities and

newly discovered pathogenetic mechanisms that are expected to be studied further in the future. Edited and written by pioneering researchers, each chapter summarizes the latest trends, describes future prospects and explores the unresolved and critical questions. Chronic Obstructive Pulmonary Disease - A Systemic Inflammatory Disease is a valuable resource to beginning researchers, physicians engaged in clinical practice, supervisors, and basic researchers whose work includes COPD.
