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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Interleukin-33 as a New Marker of Pulmonary Sarcoidosis -- Finite Elements Modeling in Diagnostics of Small Closed Pneumothorax -- Comparison of Small Bore Catheter Aspiration and Chest Tube Drainage in the Management of Spontaneous Pneumothorax -- Brown Adipose Tissue and Browning Agents: Irisin and FGF21 in the Development of Obesity in Children and Adolescents -- Regulatory T cells in obesity -- Peroxynitrite in Sarcoidosis: Relation to Mycobacterium Stationary Phase -- Effects on Lung Function of Small-Volume Conventional Ventilation and High-Frequency Oscillation Ventilation in a Model of Meconium Aspiration Syndrome -- Expression of HIF-1A/VEGF/ING-4 Axis in Pulmonary Sarcoidosis -- Factors Influencing Utilization of Primary Health Care Services in Patients with Chronic Respiratory Diseases -- Influence of Iron Overload on Immunosuppressive Therapy in Children with Severe Aplastic Anemia.
Sommario/riassunto	Diseases of the respiratory system often cause multisystem dysfunction and morbidity. Respiratory diseases not transmissible by a direct contact are rarer than those of inflammatory or infectious background. Such noncommunicable diseases, often entailing genetic and immune

aspects, are areas of limited understanding; sarcoidosis being a case in point. This book tackles the issues relevant to such diseases. The research on novel cytokine markers, which may help in the diagnosis and management of sarcoidosis, is described. Modern approaches to the management of pneumothorax, a frequent accompaniment of lung diseases or chest wall trauma are dealt with as well. There are also chapters that underscore the immuno-inflammatory mechanisms of disorders seemingly unrelated to respiration, such as obesity or aplastic anemia, which may appreciably affect the control of the respiratory system and thus its vulnerability to diseases. The book will be of interest to clinicians and medical researchers.

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