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Nota di contenuto	Part I Pathophysiology -- 1 Genetics in asthma: What are the Recent Advances in the Field? -- 2 Group 2 Innate Lymphoid Cells and Asthma: What is the Role of Innate Immunity in Pathogenesis of Asthma? -- 3 Cellular mechanisms of allergic airway inflammation: What kind of cells are involved, and what are their roles in asthma? -- 4 Mechanisms for Non-eosinophilic Asthma: What is Non-eosinophilic Asthma? -- 5 Corticosteroid-resistance in asthma: What are the mechanisms for steroid-resistance in asthma? -- Part II Diagnosis -- 6 Asthma Phenotype and Endotype: What Kind of Phenotypes and Endotypes in Asthma? -- 7 Periostin as a Biomarker for Type 2 Asthma: What is the Role of Periostin in Asthma? -- 8 Clinical Application of the Forced Oscillation Technique (FOT): What is the Role of FOT in the Diagnosis of Asthma? -- 9 Diagnostic Value of Fractional Exhaled Nitric Oxide (FeNO): What is the Role of FeNO in the Diagnosis of Asthma? -- 10 Pathogenesis of aspirin-exacerbated respiratory disease: Are there any advances in understanding of aspirin-exacerbated asthma? -- Part III Treatment -- 11 Essence of the Japanese Guidelines for Adult Asthma: What are the Characteristics of Current JGL in Comparison with Other Guidelines Such as GINA? -- 12 How to Improve Adherence -

Technique for Inhaler Use and Selection of Inhalers : How do We Select Inhalers for Asthma Patients? -- 13 Treatment with AntiIgE Monoclonal Antibody and Free IgE How Effective is the Treatment with AntiIgE Antibody for Asthma? -- 14 Bronchial Thermoplasty — Japanese Experiences — : How Effective is the Thermoplasty Treatment for Japanese Asthma Patients? -- 15 Asthma COPD Overlap (ACO) : How Can you Identify the Clinical Features of ACO in the Patients with Asthma or COPD? -- 16 Future Treatment and Other New Biologics for Asthma: Are There Any Promising Drugs for Asthma Patients?.

Sommario/riassunto

This book provides discussions on bronchial asthma from a clinical perspective, focusing on the recent studies on its pathophysiology, diagnosis and treatment. It also explores the latest findings regarding the phenotypes and endotypes of asthmatic patients, making it of particular interest to those involved with non-eosinophilic asthma and eosinophilic asthma. Further, it discusses the importance of ILC 2 in eosinophilic asthma, and the accumulated results from the forced oscillation technique and periostin that are actively practiced in Japan. As some aspects of diagnosis and treatment are different in Western and Asian countries, it is important that the data is disseminated around the globe. The clinical questions addressed by the authors are critical and thought provoking, while the questions raised by the editors are instructive, informative and provide new perspectives on unresolved issues. This book appeals to wide readership from beginning learners to physicians in clinical practice and scholars engaging in basic research. .
