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Titolo	Medicinal Plants for Lung Diseases : A Pharmacological and Immunological Perspective / / edited by Kamal Dua, Srinivas Nammi, Dennis Chang, Dinesh Kumar Chellappan, Gaurav Gupta, Trudi Collet
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Nota di contenuto	Chapter 1. Immunopathology of respiratory diseases -- Chapter 2. Introduction to Chronic Respiratory Diseases: A Pressing Need for Novel Therapeutic Approaches -- Chapter 3. Role of Indian Herbal Medicine in the treatment of Pulmonary Diseases -- Chapter 4. Asthma-induced inflammatory responses and reversal by botanicals -- Chapter 5. Medicinal plants in targeting asthma -- Chapter 6. Incipient need of medicinal plants in targeting chronic obstructive pulmonary disease -- Chapter 7. Utilization of Natural Compounds for Treatment of Tuberculosis-I -- Chapter 8. Medicinal plants in the treatment of Tuberculosis-II -- Chapter 9. Medicinal Plants in the Treatment of tuberculosis-III -- Chapter 10. Natural compounds as versatile potential therapeutic agents of lung cancer -- Chapter 11. Exploring the potential of medicinal plants in Lung Cancer -- Chapter 12. Effect of Medicinal Plants against Lung Cancer -- Chapter 13. Medicinal Plants used in the treatment of pulmonary hypertension- I -- Chapter 14. Medicinal Plants used in the treatment of pulmonary hypertension-II -- Chapter 15. Herbal bioactives for the treatment of idiopathic pulmonary

fibrosis -- Chapter 16. Medicinal Plants targeting Bronchitis -- Chapter 17. Role of medicinal plants in the treatment of pulmonary edema -- Chapter 18. Medicinal Plants Used in the Treatment of Influenza a Virus Infections -- Chapter 19. Medicinal Plants used in the treatment of influenza A virus infections -- Chapter 20. COVID-19 pandemic panic: prophylactic as well as therapeutic management with traditional ethnic phytopharmaceuticals with challenging nano-spray inhaler and advanced drug delivery system -- Chapter 21. Targeting SARS-CoV2 novel corona (COVID-19) virus infection using medicinal plants -- Chapter 22. Promising plant based bioactive natural products in combating SARS-CoV2 novel corona (COVID-19) virus infection -- Chapter 23. Medicinal plant based advanced drug delivery system for the treatment of chronic lung diseases -- Chapter 24. Medicinal Plant Based Advanced Drug Delivery System for the Treatment of Chronic Lung Diseases -- Chapter 25. Application of nanodrugs derived from active metabolites of medicinal plants for the treatment of inflammatory and lung diseases: Recent advances.

Sommario/riassunto

This book summarizes experimentally-supported research on the therapeutic efficacy of plant extracts and their constituents on a range of respiratory diseases including infections. It discusses the pharmacological, cellular and molecular factors involved in the pathogenies of respiratory diseases and their modulation by plant-derived compounds. Additionally, it underlines the growing relevance of medicinal plant-based advanced drug delivery systems for treating lung diseases providing maximal therapeutic efficacy with better patient compliance. Overall, this comprehensive book is a blend of translational, biological, chemical and drug delivery aspects of medicinal plants employed in targeting respiratory diseases and attracts a range of audiences including physiochemist, translational and clinical researchers working in the field of respiratory diseases.
