



Keywords: *Respiratory medicine, lung disease, clinical research, patient care, medical progress*

Introduction

The field of respiratory medicine has seen significant advancements in recent years, particularly in the diagnosis and treatment of chronic obstructive pulmonary disease (COPD) and asthma. These conditions, which affect millions of people worldwide, have long been challenging to manage due to their complex pathophysiology and the need for personalized care. However, the integration of genetic testing, precision medicine, and novel pharmacological agents has opened new avenues for more effective and targeted therapies. This review explores the latest research in these areas, highlighting the potential for improved patient outcomes and quality of life through a multidisciplinary approach to respiratory care.

54