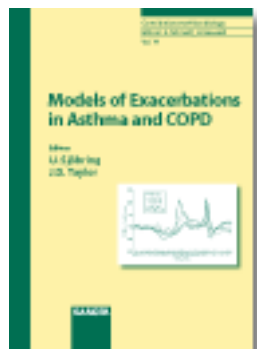


Elucidating the pathobiological processes in chronic airway diseases



**Models of Exacerbations in Asthma and COPD (Karger AG)**

*Elucidating the pathobiological processes in chronic airway diseases*

This volume provides an overview of exacerbation models of asthma and chronic obstructive pulmonary disease (COPD). Within this wide field the book focuses on experimental systems that mimic pathobiological processes likely to be critical in exacerbations of these conditions.

To generate insight into the mechanisms of exacerbation of pulmonary disease and to promote the discovery of future treatments, both animal models and human experimental models are described. Models of Exacerbations in Asthma and COPD can be of great interest to pulmonologists, allergologists, specialists in internal medicine and critical care, as well as to microbiologists, infectiologists and pharmacologists studying the response to respiratory infections.

**Book contents:** The chapters entailed refer to:

Definitions, Clinical Manifestations and Epidemiology, Human Rhinovirus Models in Asthma, Allergen Inhalation Challenge: A Human Model of Asthma Exacerbation, Cellular and Animals Models for Rhinovirus Infection in Asthma, Modeling Responses to Respiratory House Dust Mite Exposure, Respiratory Syncytial Virus-Induced Pulmonary Disease and Exacerbation of Allergic Asthma, Lipopolysaccharide Challenge of Humans as a Model for Chronic Obstructive Lung Disease Exacerbations, A Human Rhinovirus Model of Chronic Obstructive Pulmonary Disease Exacerbations, Animal Models of Cigarette Smoke-Induced Chronic Obstructive Lung Disease, Animal

Models of Chronic Obstructive Pulmonary Disease Exacerbations.

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**Source:** <http://www.karger.com/>