



Asthma and COPD: Basic Mechanisms and Clinical Management

By Peter J. Barnes DM FRS FMedSci, Jeffrey M. Drazen, Stephen I. Rennard, Neil C. Thomson

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Chronic obstructive pulmonary disease (COPD), which encompasses both chronic bronchitis and emphysema, is one of the most common respiratory conditions of adults in the developed world. **Asthma and COPD: Basic Mechanisms and Clinical Management** provides a unique, authoritative comparison of asthma and COPD. Written and edited by the world's leading experts, it is a comprehensive review of the most recent understanding of the basic mechanisms of both conditions, specifically comparing their etiology, pathogenesis, and treatments.

- * Highlights distinguishing features between asthma and COPD
- * Reviews benefits and limitations of current therapies
- * Summarises key information in two-colour artwork
- * Extensively referenced to primary literature

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Editorial Review

Review

"...textbooks, such as the one discussed here, are all essential in shaping a necessary way forward to fight chronic respiratory diseases worldwide...At first it was a surprise to see that this impressive textbook covered both asthma and chronic obstructive pulmonary disease (COPD) in one volume. Asthma and COPD: Basic Mechanisms and Clinical Management is edited and written by prominent individuals who have done everything possible in the past to convey the message that asthma and COPD are two different diseases: that they are characterised by different risk factors; have a different pathophysiology; are characterised by clinical phenotypes that are distinctly different; require different therapeutic strategies; and probably pose very different challenges to the health-care system. Yet in this textbook they now provide a truly novel approach towards our understanding and perception of asthma and COPD...the combined approach set out in this book towards asthma and COPD is not so much the Dutch hypothesis revisited, rather it is a more than sensible approach to understanding the nature and the challenges of chronic respiratory diseases in general. Asthma and COPD provides a superb synthesis of the most up-to-date knowledge on obstructive airways diseases by leading experts in the field...The description of basic mechanisms is a particularly strong feature, but the reader also finds excellent chapters on the pathogenic mechanisms of asthma and COPD, a description of risk factors and triggers, and a clinically useful description of the clinical assessment of these frequent conditions...this textbook is a joy to browse through and to read; it is very well illustrated, and the tabulated material is truly educational...I hope that this book will become one of the major reference sources for information on asthma and COPD and that it might have the potential to serve a much wider medical community than respiratory textbooks usually do."

--Klaus F. Rabe, The Lancet

About the Author

Peter Barnes is Professor of Thoracic Medicine at the National Heart and Lung Institute, Head of Respiratory Medicine at Imperial College and Honorary Consultant Physician at Royal Brompton Hospital, London. He qualified at Cambridge and Oxford Universities was appointed to his present post in 1987. He has published over 1000 peer-review papers on asthma, COPD and related topics and has edited over 40 books. He is also amongst the top 50 most highly cited researchers in the world and has been the most highly cited clinical scientist in the UK and the most highly cited respiratory researcher in the world over the last 20 years. He was elected a Fellow of the Royal Society in 2007, the first respiratory researcher for over 150 years. He is currently a member of the Scientific Committee of the WHO/NIH global guidelines on asthma (GINA) and COPD (GOLD). He also serves on the Editorial Board of over 30 journals and is currently an Associate Editor of Chest and respiratory Editor of PLoS Medicine. He has given several prestigious lectures, including the Amberson Lecture at the American Thoracic Society and the Sadoul Lecture at the European Respiratory Society.

Jeffrey M. Drazen, MD, was born in St. Louis, Missouri. He graduated from Tufts University with a major in physics, and from Harvard Medical School. He served his medical internship and residency at Peter Bent Brigham Hospital in Boston and was a clinical fellow and research fellow at Harvard Medical School and Harvard School of Public Health. Thereafter, he joined the Pulmonary Divisions of the Harvard hospitals and served for many years as chief of the combined Pulmonary Divisions at Beth Israel and Brigham and Women's Hospitals.

Currently, he is a Senior Physician at the Brigham and Women's Hospital, and the Distinguished Parker B. Francis Professor of Medicine at Harvard Medical School, as well as Professor of Physiology, Harvard School of Public Health and adjunct Professor of Medicine at Boston University School of Medicine.

He has served on the NIH Respiratory and Applied Physiology Study Section, the NIH Pulmonary Disease Advisory Council, the NIH Lung Biology and Pathology Study Section, and the NHLBI Advisory Council.

Through his research, he defined the role of novel endogenous chemical agents in asthma. This led to four new licensed pharmaceuticals for asthma used in the treatment of millions of people worldwide. He has published nearly 500 papers and edited 6 books.

He has been a member of the editorial boards of many prestigious journals, including: the Journal of Applied Physiology, American Journal of Physiology, Pulmonary Pharmacology, Experimental Lung Research, Journal of Clinical Investigation, American Journal of Respiratory Cell and Molecular Biology, and the American Journal of Medicine. In addition, he has been associate editor of the Journal of Clinical Investigation and the American Review of Respiratory Disease.

In 2000, he assumed the post of editor-in-chief of the New England Journal of Medicine. During his tenure, the Journal has published major papers advancing the science of medicine.

Neil Thomson is Professor of Respiratory Medicine at the University of Glasgow, Head of Respiratory Medicine within the Division of Immunology, Infection & Inflammation and Honorary Consultant at Gartnavel General Hospital, Glasgow. He graduated from the University of Glasgow and undertook postgraduate training in Glasgow, London and McMaster University, Canada. He is a former member of the Committee for Safety of Medicine and former Chair of the Scientific Committee of the British Lung Foundation. He has co-edited several textbooks on asthma and COPD and published over 150 peer-reviewed papers on asthma. His current research interests include corticosteroid insensitivity in smokers with asthma, biomarkers in asthma and COPD and assessment of novel treatments for asthma.

Users Review

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This book untitled Asthma and COPD: Basic Mechanisms and Clinical Management to be one of several books in which best seller in this year, that is because when you read this book you can get a lot of benefit in it. You will easily to buy this book in the book retail outlet or you can order it by way of online. The publisher with this book sells the e-book too. It makes you quickly to read this book, as you can read this book in your Smart phone. So there is no reason for you to past this publication from your list.

Sharon Garcia:

This Asthma and COPD: Basic Mechanisms and Clinical Management is great guide for you because the content and that is full of information for you who also always deal with world and possess to make decision every minute. This specific book reveal it info accurately using great manage word or we can say no rambling sentences inside. So if you are read this hurriedly you can have whole details in it. Doesn't mean it

only offers you straight forward sentences but hard core information with attractive delivering sentences. Having Asthma and COPD: Basic Mechanisms and Clinical Management in your hand like finding the world in your arm, details in it is not ridiculous 1. We can say that no guide that offer you world inside ten or fifteen moment right but this reserve already do that. So , this really is good reading book. Hey there Mr. and Mrs. occupied do you still doubt that will?

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Carolyn Scott:

That publication can make you to feel relax. This particular book Asthma and COPD: Basic Mechanisms and Clinical Management was colourful and of course has pictures around. As we know that book Asthma and COPD: Basic Mechanisms and Clinical Management has many kinds or style. Start from kids until teens. For example Naruto or Private eye Conan you can read and believe that you are the character on there. Therefore , not at all of book are generally make you bored, any it makes you feel happy, fun and unwind. Try to choose the best book for you and try to like reading that.

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