



Environmental Biomedicine [

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Pollution Epidemiology Medicine Environmental Medicine Pollution,
general Biomedicine general Environmental Health

Monografía

The book presents the latest advances in research into health effects of air pollution, with heavy motor vehicle traffic or cigarette smoke as the exemplar of pollution. The airways are the first-line defense system against pollution. The book focuses on respiratory ailments underlain by inflammation, increased susceptibility to infection, particularly acquired during harsh environmental conditions and exposures to particulate matter or pathogens. The importance of astute analysis of lung function for early diagnosis of disorders is underscored. A knowledge deficit concerning the aerosolized drug delivery through the airways also is addressed. Recent developments and viewpoints in the field of environmental health hazards as well as methodological advances in their assessment are provided. The book will be of interest to pulmonologists, healthcare providers, researchers and clinicians engaged in environment-related respiratory diseases, but also to policy makers concerned with clean ambient air quality

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Z. Keidar, and D. Aizenbud -- Time and Dose Effects of Cigarette Smoke and Acrolein on Protein Carbonyl Formation in HaCaT Keratinocytes, K. Avezov, A.Z. Reznick, and D. Aizenbud -- Comparison of Different Measurement Methods, A.M. Preisser, M. Seeber, and V. Harth -- Respiratory Infections in Travelers Returning from the Tropics, Krzysztof Korzeniewski, Aneta Nitsch-Osuch, Anna Lass, Aneta Guzek -- Relative risk of lung obstruction in relation to PM10 concentration: pulmonary function assessment, ukasz Adamkiewicz, Anna Gayer, Dominika Mucha, Artur J. Badyda, Piotr Dbrowiecki, and Piotr Grabski

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