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Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	The Role of Oxidation in FSL-1 Induced Signaling Pathways of an Atopic Dermatitis Model in HaCaT Keratinocytes, I. Koren Carmi, R. Haj, H. Yehuda, S. Tamir, and A.Z. Reznick -- Epidemiological and Clinical Reasons for Vaccination Against Pertussis and Influenza in Pregnant Women, Aneta Nitsch-Osuch, Krzysztof Korzeniewski, Maciej Gawlak, Katarzyna yciska, Kazimierz Wardyn, and Ernest Kuchar -- Aerosolized GLP-1 for Treatment of Diabetes Mellitus and Irritable Bowel Syndrome, R. Siekmeier, T. Hofmann, and G. Scheuch -- The Influence of Particulate Matter on Respiratory Morbidity and Mortality in Children and Infants, Joanna Jakubiak-Lasocka, Jakub Lasocki, and Artur J. Badyda -- Relationship Between History of Smoking, Metabolic and Inflammatory Markers, Parameters of Body Composition and Muscle Strength, O. Rom, K. Karkabi, A.Z. Reznick, 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.

Sommario/riassunto

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.
