

Contents

Allergic Rhinitis and Conjunctivitis: Update on Pathophysiology	1
Jean-Baptiste Watelet, James I. McGill, Ruby Pawankar, Diana S. Church, and Martin K. Church	
Allergic Conjunctivitis: Update on Its Pathophysiology and Perspectives for Future Treatment	25
Stefano Bonini, Roberto Sgrulletta, Marco Coassin, and Sergio Bonini	
Non-allergic Rhinitis	49
Glenis K. Scadding	
Nasal Polyposis: A Model of Chronic Airways Inflammation	67
César Picado	
The Nonallergic Rhinitis of Chronic Fatigue Syndrome	81
James N. Baraniuk and Samantha Jean Merck	
Epigenetics Chapter: The Role of Allergy in Chronic Rhinosinusitis	99
Daniel L. Hamilos	
Otitis Media and Sinusitis	117
Deborah A. Gentile, Timothy J. Schaffner, Christine A. Schad, and David P. Skoner	
Allergic Rhinitis, Asthma, and Obstructive Sleep Apnea: The Link	129
Jeffrey R. Stokes and Thomas B. Casale	
Common Colds and Respiratory Viruses: Impact on Allergy and Asthma	141
Ioanna M. Velissariou, Paraskevi Xepapadaki, and Nikolaos G. Papadopoulos	

Cold, Dry Air, and Hyperosmolar Challenges in Rhinitis	157
Paraya Assanasen and Robert M. Naclerio	
Mechanisms of Mucus Induction in Asthma	173
Lauren Cohn	
Mechanisms of Cough in Asthma and Allergic Airway Disease	187
Kevin M. White, Michael S. Tankersley, and Pramod S. Kelkar	
Airway Hyperresponsiveness: Inflammatory Mechanisms and Clinical Aspects	203
Salman Siddiqui, Fay Hollins, and Christopher Brightling	
Mechanisms of Nocturnal Asthma	227
Krzysztof Kowal and Lawrence Du Buske	
Severe Asthma in Adults: Pathology to Clinical Aspects	247
Kazuyuki Chibana and Sally Wenzel	
Exercise-Induced Asthma: Clinical Manifestations	261
Peter J. Helms	
Aspirin-Sensitive Asthma	271
Andrzej Szczeklik, Ewa Nizankowska-Mogilnicka, and Marek Sanak	
Airway Remodeling in Asthma and Therapeutic Implications	287
Tari Haahtela	
Occupational Asthma and Its Relationship to Occupational Rhinitis	303
Gianna Moscato and Eugenia Galdi	
Non-atopic Asthma: A Continuing Enigma	321
Chris Corrigan	
Asthma in the Athlete	331
Kai-Håkon Carlsen	
Allergic Bronchopulmonary Aspergillosis	351
Viswanath P. Kurup and Alan P. Knutsen	
Mechanisms of Anaphylaxis	367
Stephen F. Kemp and Richard F. Lockey	

Drug Hypersensitivity: Clinical Manifestations and Diagnosis.....	379
Pascal Demoly and Antonino Romano	
Immunological Principles of Drug Hypersensitivity	393
Anna Zawodniak and Werner J. Pichler	
Food Allergy: Mechanisms and Clinical Manifestations.....	411
Stephan C. Bischoff	
Lactose and Fructose Intolerance.....	431
Eitan Amir and Peter J. Whorwell	
Insect Sting Allergy in Adults.....	449
Anne K. Ellis and James H. Day	
Fungal Allergy as Yet Unsolved.....	471
Robert K. Bush	
Latex Allergy: Clinical Manifestations	487
Kevin J. Kelly and Brian T. Kelly	
Index.....	509

Allergy Frontiers: Clinical Manifestations

Pawankar, R.; Holgate, S.T.; Rosenwasser, L.J. (Eds.)

2009, XXII, 511 p., Hardcover

ISBN: 978-4-431-88316-6