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| Autore | Izuhara K |
| Titolo | Inflammation and Allergy Drug Design |
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| ISBN | 1-283-20493-2<br>9786613204936<br>1-4443-4668-7<br>1-4443-4666-0 |
| Edizione | [1st ed.] |
| Descrizione fisica | 1 online resource (346 p.) |
| Altri autori (Persone) | HolgateStephen T<br>Wills-KarpMarsha |
| Disciplina | 615.7<br>615.794<br>615/.7 |
| Soggetti | Allergy - Treatment<br>Allergy -- Treatment<br>Antiallergic agents<br>Anti-Allergic Agents<br>Anti-Inflammatory Agents<br>Anti-inflammatory agents<br>Drug Design<br>Drugs - Design<br>Drugs -- Design<br>Hypersensitivity - drug therapy<br>Hypersensitivity -- drug therapy<br>Antiallergic agents - Treatment<br>Allergy - Design<br>Drugs<br>Drug Discovery<br>Therapeutics<br>Immune System Diseases<br>Therapeutic Uses<br>Diseases<br>Pharmacologic Actions<br>Investigative Techniques<br>Chemistry, Pharmaceutical<br>Chemical Actions and Uses<br>Pharmacology<br>Chemistry |

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| | Biological Science Disciplines<br>Natural Science Disciplines<br>Drug Therapy<br>Hypersensitivity<br>Health & Biological Sciences<br>Pharmacy, Therapeutics, & Pharmacology |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di contenuto | Inflammation and Allergy Drug Design; Contents; Contributors; Preface; Part I: Cells contributing to the pathogenesis of allergic diseases in the respiratory tract; 1: Novel anti-inflammatory drugs based on targeting lung dendritic cells and airway epithelial cells; 2: Role of Th2 cells in the allergic diathesis; 3: Importance of Th17-and Th1-associated responses for the development of asthma; 4: Regulatory T cells; 5: A role for natural killer T-cell subsets in the pathogenesis of various allergic disorders; 6: Regulatory roles of B cells in allergy and inflammation; 7: Mast cells<br>8: Eosinophils9: Basophils in inflammation and allergy drug design; 10: Epithelial cells; 11: Fibroblasts; 12: Airway smooth muscle cells; Part II: Cytokines contributing to the pathogenesis of allergic diseases in the respiratory tract; 13: Interleukin 4, interleukin 13, and interleukin 9; 14: Interleukin 3, interleukin 5, and granulocyte-macrophage colony-stimulating factor; 15: Interleukin 15, interleukin 17, and interleukin 25; 16: Thymic stromal lymphopoietin; 17: Interleukin 10; 18: Tumor necrosis factor alpha; 19: Profibrotic and angiogenic factors in asthma; 20: Chemokines<br>21: Epithelial growth factorsPart III: Other mediators contributing to the pathogenesis of allergic diseases in the respiratory tract; 22: Prostanoids; 23: Leukotrienes; 24: Proteases in allergy; 25: Toll-like receptors; Index |
| Sommario/riassunto | This book educates the reader on the molecular and cellular mechanism of allergic diseases in the respiratory tract covering all aspects, from its immunological basis to its application in drug development. In contrast to other books, this book focuses on well-known and newly-emerging cells, cytokins, and mediators involved in the pathogenesis of allergic diseases in the respiratory tract. In particular, this book emphasises the findings of novel drug targets. This book allows immunologists, allergologists and researchers in the pharmaceutical industry to learn and appreciate the target biolog |