

|                         |  |
|-------------------------|--|
| 1. Record Nr.           | UNINA9910791703203321  |
| Titolo                  | Chronic inflammation : molecular pathophysiology, nutritional and therapeutic interventions // edited by Sashwati Roy, Debasis Bagchi, Siba P. Raychaudhuri  |
| Pubbl/distr/stampa      | Boca Raton : , : CRC Press, , 2013   |
| ISBN                    | 0-429-10987-3<br>1-138-19955-9<br>1-4398-7215-5  |
| Descrizione fisica      | 1 online resource (463 p.)   |
| Altri autori (Persone)  | RoySashwati<br>BagchiDebasis <1954-><br>RaychaudhuriSiba P   |
| Disciplina              | 616/.0473  |
| Soggetti                | Inflammation - Treatment<br>Anti-inflammatory agents   |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Note generali           | Description based upon print version of record.  |
| Nota di bibliografia    | Includes bibliographical references and index.   |
| Nota di contenuto       | Front Cover; Contents; Preface; Editors; Contributors; Chapter 1 - At the Interface between Acute and Chronic Inflammation: Insights from Computational Modeling; Chapter 2 - The Cellular Component of Chronic Inflammation; Chapter 3 - Mast Cells in Chronic Inflammation; Chapter 4 - Hypoxia and Hypoxia-Inducible Factor in Inflammation; Chapter 5 - Bioactive Phospholipid Mediators of Inflammation; Chapter 6 - Hematopoietic Stem Cells in Atherosclerotic Development and Resolution; Chapter 7 - Inflammation as a Confounding Factor in Regenerative Medicine<br>Chapter 8 - NOX in the CNS: Inflammation and Beyond<br>Chapter 9 - Resolution of Inflammation; Chapter 10 - H2S in Inflammation; Chapter 11 - Is There a Connection between Inflammation and Oxidative Stress?; Chapter 12 - Chronic Inflammation and Cancer: A Matter of Lifestyle; Chapter 13 - Chronic Wounds and Inflammation; Chapter 14 - Multiphasic Roles for TGF-Beta in Scarring: Implications for Therapeutic Intervention; Chapter 15 - Natural Vitamin E Tocotrienol against Neuroinflammation and Oxidative Stress; Chapter 16 - Inflammatory |

## Cascades in Autoimmune Disease

Chapter 17 - Shear Stress and Vascular Inflammation: A Study in the Lung

Chapter 18 - NGF and Its Receptor System in Inflammatory

Diseases; Chapter 19 - Inflammation, Oxidative Stress, and

Antioxidants; Chapter 20 - Lipid Biomarkers of Inflammation; Chapter

21 - Physical Activity and Inflammation: An Overview; Chapter 22 -

Omega-6 and Omega-3 Polyunsaturated Fatty Acids and Inflammatory

Processes; Chapter 23 - Anti-Inflammatory Phytochemicals, Obesity,

and Diabetes: An Overview; Chapter 24 - Anti-Inflammatory

Nutraceuticals and Herbal Medicines for the Management of Metabolic

Syndrome

Chapter 25 - Epigenetics and Nutriepigenomics in Chronic

Inflammatory Lung Diseases: Nutritional and Therapeutic

Interventions

Chapter 26 - Biologics: Molecular Medicine from Bench to

Bedside; Chapter 27 - Disease Modifying Anti-Rheumatic Drugs;

Chapter 28 - Nonsteroidal Anti-Inflammatory Drugs; Back Cover

---

### Sommario/riassunto

Although acute inflammation is a healthy physiological response indicative of wound healing, chronic inflammation has been directly implicated in a wide range of degenerative human health disorders encompassing almost all present day non-communicable diseases including autoimmune diseases, obesity, diabetes and atherosclerosis. Chronic Inflammation: Molecular Pathophysiology, Nutritional and Therapeutic Interventions provides an exposition of the process of chronic inflammation in three parts: Systems Biology of Inflammation and Regulatory Mechanisms

---