

1. Record Nr.	UNINA9910465397903321
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 1-138-19955-9 1-4398-7215-5
Descrizione fisica	1 online resource (463 p.)
Altri autori (Persone)	RoySashwati BagchiDebasis <1954-> RaychaudhuriSiba P
Disciplina	616/.0473
Soggetti	Inflammation - Treatment Anti-inflammatory agents Electronic books.
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 Chapter 8 - NOX in the CNS: Inflammation and BeyondChapter 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

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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

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