

1. Record Nr.	UNINA9910455979603321
Titolo	Free radicals, nitric oxide, and inflammation [[electronic resource] ] : molecular, biochemical, and clinical aspects // edited by Aldo Tomasi, Tomris Ozben, and Vladimir P. Skulachev
Pubbl/distr/stampa	Amsterdam ; ; Washington, DC, : IOS Press, c2003
ISBN	1-60129-427-1 1-280-50545-1 600-00-0431-1 9786610505456
Descrizione fisica	1 online resource (264 p.)
Collana	NATO science series. Series I, Life and behavioural sciences, , 1566-7693 ; ; v. 346
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Disciplina	616.0473
Soggetti	Inflammation - Pathophysiology Free radicals (Chemistry) - Pathophysiology Nitric oxide - Pathophysiology Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Published in cooperation with NATO Scientific Affairs Division." "Proceedings of the NATO Advanced Study Institute on Free Radicals, Nitric Oxide, and Inflammation: Molecular, Biochemical, and Clinical Aspects, 23 September-4 October 2001, Antalya, Turkey"--T.p. verso.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Cover""; ""Title page""; ""Foreword""; ""Contents""; ""Alternative Functions of Mitochondria""; ""The Enzymatic Systems in the Regulation of Free Radical Lipid Peroxidation""; ""Flavanols and Procyanidins as Modulators of Oxidation in vitro and in vivo""; ""Estimation of Oxidative and Lipids Peroxidation DNA Adduct in Urine and DNA. Methodological Aspects and Application in Molecular Epidemiology""; ""Oxidative and Nitrosative Stress Mediated by Cyclosporine A in Endothelial Cells""; ""Early Signaling with Iron and Copper in Ischemic Preconditioning of the Heart"" ""Multiple Mechanisms Regulating Endothelial Nitric Oxide Synthase""

Nitric Oxide. Its Generation, Reactions and Role in Physiology";  
"Redox-Regulated Glutathionylation of Transcription Factors: A  
Regulatory Mode for Gene Expression"; "Sulphur-Containing Amino  
Acids, Glutathione and the Modulation of Inflammation"; "Molecular  
Events of the Inflammation Process that are Affected by -Tocopherol.  
Antioxidants and Gene Expression in the Process of Inflammation and  
Wound Repair"; "Redox Regulation, Cytokine, and Nitric Oxide in  
Inflammation"

"Non-Traditional Cardiovascular Disease Risk Factors and Arterial  
Inflammatory Response in End-Stage Renal Disease""Significance of  
Reactive Oxygen Species for Neuronal Function"; "Protein Aggregates  
and the Development of Neurodegenerative Diseases"; "Inflammatory  
Response of the Brain Following Cerebral Ischemia"; "Carnosine as  
Natural Antioxidant and Neuroprotector: Biological Functions and  
Possible Clinical Use"; "Atherosclerosis as a Free Radical Pathology  
and Antioxidative Therapy of this Disease"

"H<sub>2</sub>O<sub>2</sub> Sensors of Lungs and Blood Vessels and their Role  
in the Antioxidant Defense of the Body""Oxidative Lung Injury";

"Proper Design of Human Intervention Studies, Power Calculations";

"Author Index"; "A"; "B"; "C"; "F"; "G"; "I"; "K"; "L"; "M";  
"O"; "P"; "R"; "S"; "T"; "V"; "W"; "Z"

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## Sommario/riassunto

Inflammation is the local response of a complex organism to an injury that serves as a mechanism initiating the elimination of noxious agents and of damaged tissues. Free radicals, and the very special free radical nitric oxide, are playing a relevant role in the pathogenesis of inflammation. This work introduces the general knowledge necessary to understand the inflammatory process and the role played by free radical and oxidative stress. The interplay between inflammatory molecules and cell signalling is also dealt with in depth. A second part is dedicated to nitric oxide, redox regulation a

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