



foundations

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Recent Developments in Redox Biochemistry and Pharmacology

Guest Editors:

Prof. Dr. Luciano Saso

Faculty of Pharmacy and
Medicine, Sapienza University of
Rome, 00185 Rome, Italy

Prof. Marcelo Farina

Departamento de Bioquímica,
Centro de Ciências Biológicas,
Universidade Federal de Santa
Catarina, Florianópolis 88040-
900, SC, Brasil

Dr. Nora Gray

Neurology Department, Oregon
Health and Science University,
Portland, OR, USA

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submissions:

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Message from the Guest Editors

The main aim of this Special Issue is to address different chemical, biological, physiological, pharmaceutical, and pharmacological aspects of research on the modulation of redox-mediated events related to oxidative or reductive stress in biological systems. Potential topics include but are not limited to the following:

The synthesis and derivatization of drugs with potential pharmacological applications to modulate redox-mediated events in biological systems;

Mechanism of action of redox compounds, with special attention to molecular signaling pathways, including Nrf2;

Pharmacokinetics, metabolic pathways, and the redox activity of metabolites;

In vitro and in vivo studies on the pharmacological activity of redox compounds;

Epidemiological and clinical studies on the efficacy of redox therapies;

Relevant biological markers to assess in vivo antioxidant/prooxidant action and its correlation with clinical efficacy.



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Special Issue