



## 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**

Department of Neurology,  
Oregon Health & Science  
University, Portland, OR 97239-  
3098, USA

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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.

