



Recent Developments in Redox Biochemistry and Pharmacology

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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.

