Special Issue

Eustress: Molecular Events Underlying the Usefulness of Moderate Oxidative Stress in Prevention and Therapy

Message from the Guest Editor

Many scientists are paying increasing attention to biochemical mechanisms capable of controlling and probably correcting many functions of the human organism, mainly linked to oxidative stress.
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We believe the time has come for medical science to make an effort to study the cellular and molecular mechanisms underlying the action of adequate oxidative stimuli (eustress) capable of modulating the Nrf2 metabolic pathway.

To date, we know that like other pharmacological agents or xenobiotic stimuli, molecules such as medical ozone are also able to interact with the Kep1–Nrf2 complex, initiating a cascade of events which, through complex epigenetic mechanisms, can represent a formidable resource for the regulation of pathological processes resulting from aging, including immune, vascular and neurological functions, and many others.

The aim of this Special Issue will be to stimulate research aimed at understanding the pharmacological and molecular mechanisms not yet completely defined in their complexity.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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