Special Issue

Redox Regulation of Protein Functioning

Message from the Guest Editor

Reactive oxygen species (ROS) as well as their derivatives play a key role in signaling under normal and oxidative stress conditions in all aerobic living organisms. Most of intra- and intercellular signaling cascades interfere with the ROS-mediated pathways or can be affected by these highly reactive molecules. The molecular mechanisms of ROS signaling are commonly based on protein sensing that results in modifications affecting their structure and function. This Special Issue is looking for reviews and original papers covering a wide range of topics related to redox-dependent regulation of protein functioning. We will also consider papers reporting new insights into the development of redox-sensitive enzymes and proteins for practical use.

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Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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