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Redox Regulation of Protein Functioning

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Message from the Guest Editor

Dear Colleagues,

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.

Deadline for manuscript
submissions:

closed (20 October 2022)



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Message from the Editorial Board

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