

Special Issue

S-Glutathionylation in Redox Protein Signaling and Health Outcomes

Message from the Guest Editors

The importance of S-glutathionylation was initially recognized for its role in protecting proteins from irreversible oxidation; however, more studies indicate that S-glutathionylation is also involved in redox regulation of protein function under physiological and pathological conditions related to oxidative stress. A number of proteins have been reported to undergo glutathionylation, including enzymes, transcription factors, and oncogenes and, as judged by the number of publications in the last years on this topic, further proteins will be identified in the future. This Special Issue welcomes the submission of original research papers or comprehensive reviews that demonstrate or summarize how the S-glutathionylation influences protein structure/function and biological events, and how these may impact on human diseases.

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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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