

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.

Guest Editors

Prof. Sofia Mariotto

Department of Neurosciences, Biomedicine and Movement Sciences, Biological Chemistry Section, Strada le Grazie, 8 37134 Verona, Italy

Dr. Elena Butturini

Department of Neurosciences, Biomedicine and Movement Sciences, Biological Chemistry Section, Strada le Grazie, 8 37134 Verona, Italy

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4052 Basel, Switzerland
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Editor-in-Chief

Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
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Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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