### Special Issue

# Novel Mechanisms and Biological Processes in Redox and Inflammatory Signaling

#### Message from the Guest Editors

We are pleased to announce this Special Issue of Biology, focused on elucidating the fundamental mechanisms linking redox imbalance to inflammatory processes. The dynamic interplay between oxidative stress and inflammatory signaling is a fundamental cellular phenomenon, critical for maintaining homeostasis and orchestrating stress responses across biological systems. This Special Issue calls for original research and review articles that uncover novel mechanistic insights at the molecular, cellular, and organismal levels. Our goal is to create a comprehensive resource that highlights the future direction of basic research in redox and inflammatory biology. We encourage submissions that explore innovative angles, including the discovery of new molecular targets, the application of advanced technologies, and the investigation of cross-species conservation of these pathways.

#### **Guest Editors**

Dr. Shengchen Wang

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#### Deadline for manuscript submissions

31 August 2026



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#### Message from the Editorial Board

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