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Advanced Research on Oxidative Stress in Cell Function

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Message from the Guest Editors

Dear Colleagues,

Oxidative stress plays an important role in many diseases, including age-related macular degeneration, cancer and mitochondrial disease. Advances in research such as the use of nanoparticles, nanomedicine and extracellular vesicles have increased the number of therapeutic options for oxidative stress-related diseases. A better understanding of the relationship or mechanism of how cellular function maintains balance under oxidative stress is important, and therapeutic targets or antioxidants with the potential to treat oxidative-stress-related diseases need to be identified in order to improve the outcomes of these diseases. As such, this Special Issue welcomes submissions of original research and review articles related to any aspect of the role of oxidative stress in the pathogenesis of diseases, identification and exploration of novel targets, and development and testing of antioxidant therapies.

- oxidative stress
- angiogenesis
- extracellular vesicles
- nanomedicine
- antioxidants
- age-related macular degeneration
- therapeutic targets



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Special Issue



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Message from the Editor-in-Chief

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