



antioxidants



Special Issue Reprint

Crosstalk Between Autophagy and Oxidative Stress

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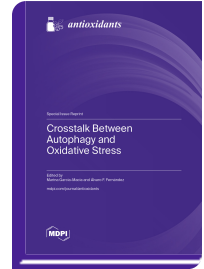
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Autophagy, a fundamental cellular mechanism, plays a pivotal role in maintaining cellular homeostasis by facilitating the removal of damaged organelles and proteins. Autophagy can be activated in response to various stressors, such as nutrient deprivation, hypoxia, drugs, and virus-mediated infections. More and more evidence in recent years indicates that autophagy is a crucial mediator in the regulation of oxidative stress response.

We have provided a comprehensive platform for researchers to delve into the cross-regulation between autophagy and oxidative stress. Topics will encompass the molecular mechanisms governing this crosstalk, its impact on cellular functions, and the implications for various diseases, including neurodegenerative disorders, cancer, and metabolic diseases.



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