



Cancer and Stresses 2.0

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Message from the Guest Editors

Dear Colleagues,

This Special Issue is the second volume of our previous Special Issue "Cancer and Stresses".

Cancer is a heterogeneous disease that promotes cell growth, disables cell death mechanisms, and evades immune surveillance and therapy. Metabolic stress is a common occurrence in human tumours and is caused by multiple factors. The tumour-mediated metabolic stress response is linked to both apoptosis and autophagy, and understanding these pathways is essential for developing cancer therapies. In this Special Issue of *Stresses*, our objective is to explore the mechanisms of cellular stresses in cancer prognosis and treatment. Cells can respond to stress in various ways, ranging from the activation of survival pathways to the initiation of cell death that eventually eliminates damaged cells. Potential topics regarding cancer development include the molecular mechanisms underlying oxidative stress, DNA damage, immune evasion, apoptosis, use of antioxidants as combination therapy, and potential cellular stress biomarkers. Authors are invited to submit original research papers, reviews, and short communications.





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Message from the Editor-in-Chief

Stresses is an open access international journal publishing top quality research covering all aspects of how humans, animals, plants, algae, fungi, bacteria, and viruses respond to abiotic and biotic stresses. The thinking behind *Stresses* is substantially inspired by the pioneering studies on the effects and responses to various stressors performed by the eminent scientist Hans Selye. Submissions from basic and applied research are welcome, as long as they are based on a clearly defined mechanistic hypothesis. Review manuscripts are encouraged, but they must be a critical review of existing literature and not just a summary. All submitted manuscripts will be subjected to a thorough peer-reviewing process.

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