

Special Issue

Oxidative Stress in Human Disease and Ageing: Insights and Innovations

Message from the Guest Editor

It is well known that the ageing process, an inherent characteristic of the human life cycle, is associated with a progressive decrease in cellular machinery, both biochemically and physiologically. In this scenario, the increase in ROS/RNS impacts cellular dynamics, causing oxidative stress, which, in turn, can lead to adaptation or cell injury. Still, there are many gaps in the existing literature regarding the response to oxidative stress throughout life that culminates in these outcomes. Therefore, we would like to invite global research groups to contribute to this Special Issue. Manuscripts addressing the mechanisms of free-radical reactions in human disease and ageing and the evidence that antioxidant defence systems could help with ageing are welcome.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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