

## Special Issue

# Reactive Oxygen Species and Cancer Cell Metabolism

### Message from the Guest Editors

The development and progression of cancer are highly affected by the environmental cues fostering metabolic reprogramming for the promotion of cancer growth. Numerous factors, including reactive oxygen species (ROS), are contributing to these processes. Not only are ROS known for their detrimental role, governing genetic mutations that can support eventual cancer development, but they can also lead these transformed cells to apoptosis by activating cellular pathways, thus causing cancer growth arrest.

In this Special Issue, we invite original and review papers exploring the role of ROS, the impact of the metabolic reprogramming, and the cellular antioxidative machinery to the cancer growth. Papers highlighting the importance of ROS, metabolism, and antioxidants in anticancer therapy are also highly appreciated.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2020)



## Applied Sciences

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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.

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### Editor-in-Chief

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