

## Special Issue

# Inflammation and Oxidative Stress: Dietary Modulation and Nutraceutical

### Message from the Guest Editors

Oxidative stress has received increasing attention in relation to its nature, onset, reliable measurement, and possibilities for prevention. At an appropriate concentration, RONS are known to act as important signaling molecules. However, when their levels overwhelm the cellular antioxidant defense system, the oxidative stress phenomenon occurs.

There is a growing amount of evidence regarding the interplay between oxidative stress, inflammation and nutrition and it is the key for determining wellness or different states in particular environments such as hypoxia, hyperoxia, with or without external stimuli (exercise, training), and pathological disease.

This Special Issue will critically update the current knowledge on dietary modulation, focusing on nutraceuticals in particular, in the short and long term, in relation to oxidative stress and inflammatory conditions in healthy subjects in specific environments and will highlight possible preventive strategies for pathological states.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 April 2022)



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## About the Journal

### Message from the Editor-in-Chief

*Foods* (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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### Editor-in-Chief

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