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Bioactive Substances, Oxidative Stress, and Inflammation

Guest Editors:

Dr. Pilar Zafrilla

Department of Pharmacy,
Faculty of Health Sciences,
Universidad Católica San Antonio
de Murcia (UCAM), Campus de los
Jerónimos, Guadalupe, 30107
Murcia, Spain

Dr. Begoña Cerdá

Department of Pharmacy,
Faculty of Pharmacy and
Nutrition, Universidad Católica
San Antonio de Murcia (UCAM),
Campus de los Jerónimos,
Guadalupe, 30107 Murcia, Spain

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Message from the Guest Editors

Chronic inflammation generates reactive oxygen species (ROS) that contribute to the pathogenesis of chronic non-communicable diseases (cancer, cardiovascular diseases, autoimmune diseases, and metabolic syndrome, among others).

Bioactive compounds, including polyphenols, vitamins, omega-3 fatty acids, organic acids, nucleosides and nucleotides, and phytosterols, have attracted significant attention due to their role in prevention and even treat pathologies involving oxidative stress and inflammation.

This Special Issue aims to discuss how bioactive compounds can ameliorate inflammation and oxidative stress. Authors are invited to submit original articles, reviews, systematic reviews, or meta-analyses for the identification of bioactive compounds with biological or clinical relevance in the processes of inflammation and oxidative stress in chronic non-communicable diseases.



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Special Issue



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Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Ciências, Universidade de Lisboa, Lisboa, Portugal

Message from the Editor-in-Chief

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Pharmaceuticals Editorial Office
MDPI, Grosspeteranlage 5
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