

Special Issue

Nutraceuticals in Chronic Diseases

Message from the Guest Editors

Chronic diseases, such as heart disease, cancer, stroke, chronic obstructive pulmonary disease, and type 1 and type 2 diabetics, are the main causes of death and disability in the world. "Nutraceuticals" are natural products, food supplements, or functional foods that have health benefits. In recent years, scientific research has shown that nutraceuticals can be used as a complement to conventional therapies and drugs. Nutraceuticals can be dietary fibers of vegetable origin, probiotics, polyunsaturated fatty acids, omega-3 or omega-6 fatty acids, phytochemicals such as polyphenols, antioxidant vitamins, carotenoids, terpenes, and other essential oil components. Normally, the bioactive compounds contained in nutraceuticals have strong antioxidant activity. Oxidation stress is considered a useful tool to prevent and/or treat chronic diseases such as cardiovascular disease, obesity and comorbidity, neurodegeneration, and cancer.

Guest Editors

Dr. Paola Stiuso

Department of Precision Medicine, University of Campania "Luigi Vanvitelli", 80138 Naples, Italy

Prof. Dr. Gian Carlo Tenore

Department of Pharmacy, University of Naples "Federico II", Via Domenico Montesano, 49, 80131 Napoli, Italy

Deadline for manuscript submissions

closed (31 December 2020)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/34139

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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