



nutrients



an Open Access Journal by MDPI

The Implications of Polyphenols on Aging

Guest Editor:

Dr. Roberta Bernini

Department of Agriculture and
Forest Sciences (DAFNE),
University of Tuscia, Via S.
Camillo de Lellis, 01100 Viterbo,
Italy

Deadline for manuscript
submissions:

closed (18 January 2024)

Message from the Guest Editor

Dear Colleagues,

The aging process is characterized by a progressive decline in function and structure throughout the organism, leading to death. Oxidative stress, a condition that occurs when the production of reactive oxygen species overcomes cellular antioxidant defenses, is a common hallmark of aging. Polyphenols are potentially health-promoting compounds in plant foods whose strong antioxidant properties allow them to remove excess reactive oxygen species in the body, prevent cell aging, and delay aging and chronic diseases. Interest in the relationship between diet and aging has grown in recent decades, and some antioxidants have now been identified to be capable of extending the lifespan in various models of aging. This Special Issue aims to bring together the latest research on these topics. Research on the antiaging capabilities of polyphenols and bioactive ingredients and their molecular aspects will be considered. Therefore, it is my great pleasure to invite scientists to submit manuscripts describing original research or review on the topic to this Special Issue.



mdpi.com/si/129496

Special *Issue*



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Lluís Serra-Majem

1. Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
2. Research Institute of Biomedical and Health Sciences (IUIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
3. Preventive Medicine Service, Centro Hospitalario Universitario Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Nutrition and Dietetics) / CiteScore - Q1 (Nutrition and Dietetics)

Contact Us

Nutrients Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/nutrients
nutrients@mdpi.com
X@Nutrients_MDPI