

Special Issue

The Importance of Carotenoids in Age-Related Disease—Current Data

Message from the Guest Editor

Carotenoids are a highly diverse group of plant-derived compounds. Carotenoids are divided into two groups: carotenes and xanthophylls. The beneficial effects of carotenoids are partly due to their role as antioxidants, compounds with antiapoptotic, anti-inflammatory effects. In addition, lutein and zeaxanthin may have a protective effect in eye diseases because they absorb harmful blue light that enters the eye. Therefore, they are especially important in the treatment and/or prevention of diseases such as AMD (age-related macular degeneration), neurodegenerative and cardiovascular diseases, and even periodontitis. Our aim in launching this Special Issue, "The Importance of Carotenoids in Age-Related Disease—Current Data", is to present new carotenoids and their role in therapy by exploring their mechanisms of action and significance in various diseases, as well as uncovering the side effects that may accompany their use, in order to enhance their safety.

Guest Editor

Dr. Anna Wiktorowska-Owczarek

Department of Pharmacology and Toxicology, Medical University of Lodz, 7/9 Zeligowskiego, 90-752 Lodz, Poland

Deadline for manuscript submissions

5 March 2026



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/231407

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nutrients@mdpi.com

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Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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

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