

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

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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.

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