

## Special Issue

# Carotenoids: A Potential Mitochondrial-Targeted Antioxidant Treatment in Diseases

### Message from the Guest Editors

Carotenoids exhibit various biological activities and are an interesting subject for researchers from various disciplines around the world. Carotenoids for the most part show strong antioxidant properties, which allows them to have a protective effect in the treatment of various diseases. The purpose of this Special Issue of *Antioxidants* is to present research on the role of carotenoids as antioxidants targeting mitochondria and the importance of carotenoids in health promotion and disease prevention. Also of interest is research in the field of structural characteristics of bioactive endogenous metabolites of carotenoids and their use for the treatment and prevention of various diseases. In the field of interest are also the mechanisms of action of carotenoids in mitochondria and the mechanisms of the possible therapeutic effect of carotenoids in diseases of various etiologies. I invite you to submit original research papers or review articles on all matters related to carotenoids and mitochondria.

### Guest Editors

Dr. Yulia Baburina

Dr. Olga Krestinina

Prof. Dr. Yoav Sharoni

### Deadline for manuscript submissions

closed (31 March 2023)



## Antioxidants

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## About the Journal

### Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of “oxidative stress” a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

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### Editor-in-Chief

Prof. Dr. Alessandra Napolitano

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