Special Issue

Mitochondrial Dysfunction in Corneal Diseases

Message from the Guest Editor

Mitochondrial dysfunction has been implicated in corneal endothelial dystrophies, keratoconus, and dry eye. The cornea is exposed to UV light and high oxygen tension, making it more susceptible to oxidative stress and mitochondrial dysfunction. This Special Issue, titled Mitochondrial Dysfunction in Corneal Diseases, aims to reveal the latest advances in understanding the role of mitochondrial dysfunction in corneal disease. What are the mechanisms that trigger mitochondrial dysfunction in these diseases? How does mitochondrial dysfunction inform the pathological phenotype? What are the possible therapies that can be used to target the mitochondria? Original papers and focused reviews are sought contributions.

Guest Editor

Dr. Diego Ogando
School of Optometry, Indiana University, Bloomington, IN, USA

Deadline for manuscript submissions

closed (31 July 2024)

Antioxidants

an Open Access Journal by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed

mdpi.com/si/192970

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

mdpi.com/journal/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.

Editor-in-Chief

Prof. Dr. Alessandra Napolitano
Department of Chemical Sciences, University of Naples "Federico II", Via Cintia 4, I-80126 Naples, Italy

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