

Special Issue

Advances in Mitochondrial Redox Biology

Message from the Guest Editors

Mitochondrial function is central to human health. Attaining a deeper understanding of the factors involved in function and dysregulation has long been a focus of researchers committed to the prevention and treatment of disease states including cardiovascular, cardiometabolic, and neurodegenerative diseases, as well as cancer. Current major challenges are related to the obtaining of diagnostic tools to quantify mitochondrial dysfunction, and identify contributing factors, as well as therapeutic tools that can achieve appropriate tissue penetrance and mitochondrial targeting. We invite researchers to submit original articles or review articles on recent advances in mitochondrial redox biology. Topics include the fundamental biology and physiology of mitochondrial function and signalling, through to novel diagnostics and therapeutics to improve human health.

Guest Editors

Prof. Dr. Gemma Figtree

Prof. Dr. Masuko Ushio-Fukai

Dr. Doan Ngo

Dr. Aaron Sverdlov

Deadline for manuscript submissions

closed (31 August 2024)



Antioxidants

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Impact Factor 6.6
CiteScore 12.4
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Antioxidants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
antioxidants@mdpi.com

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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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