Special Issue

Nrf2 in Dermatological Pathologies

Message from the Guest Editors

Skin diseases, such as psoriasis, skin cancers, or chronic wounds, affects millions of people worldwide, and are strong burdens to patients and health care systems. Numerous studies show the transcription factor Nrf2's crucial role in skin protection under oxidative conditions. Further exploration of detailed mechanisms of Nrf2 and down-stream signaling and its therapeutic consequences are the subject of intensive research. We invite both high-quality original articles and reviews on understanding of Nrf2 in skin diseases, as well as of biochemical and molecular processes in living systems. Potential topics include, but are not limited to the following:

- Dermatological diseases, cancers, chronic wounds etc.
- Pharmacological use of Nrf2 activators
- Structural, functional, biochemical, and molecular oxidative stress-related effects in in vitro and in vivo studies
- Influence of reactive species on cellular and molecular responses during therapeutic processes
- Role of stimuli showing anti-oxidant characteristics
- Mechanisms of action of novel therapeutics
- Prevention and management of diseases

Guest Editors

Dr. Anke Schmidt

ZIK plasmatis, Leibniz Institute for Plasma Science and Technology, Greifswald, Germany

Dr. Sander Bekeschus

ZIK Plasmatis, Leibniz Institute for Plasma Science and Technology, Felix-Hausdorff-Str. 2, 17489 Greifswald, Germany

Deadline for manuscript submissions

closed (30 September 2018)

Antioxidants

an Open Access Journal by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed

mdpi.com/si/12354

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

mdpi.com/journal/antioxidants

Antioxidants

an Open Access Journal by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed

mdpi.com/journal/antioxidants

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, FSTA, PubAg, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Chemistry, Medicinal) / CiteScore - Q1 (Food Science)

MDPI