

## Special Issue

# Dermatology and Oxidative Stress

### Message from the Guest Editors

Oxidative stress has recently been recognized as playing a pivotal role in the pathogenesis of various disorders such as cardiovascular diseases, neurodegenerative disorders, viral infections, and skin diseases. In the human body, when reactive oxygen species (ROS) accumulate in high concentrations, they may exert harmful effects on the host cells, leading to various tissue injuries.

On the skin, ROS induce the appearance of erythema, edema, or pain and play a major role in the aging process. The relationship between inflammation and oxidative stress is bidirectional because inflammatory cells release ROS, but ROS in turn can activate pathways involved in chronic inflammation.

The aim of this Special Issue is to explore recent advances in research involving the role of oxidative stress in the pathogenesis of skin diseases, new markers of oxidative stress for the diagnosis and monitoring of skin diseases, antioxidant therapies, and the link between oxidative stress and skin carcinogenesis. We welcome researchers to submit original research manuscripts and reviews to provide readers with a better understanding of the relationship between oxidative stress and skin diseases.

---

### Guest Editors

Dr. Cristina Iulia Mitran

Dr. Madalina Irina Mitran

Dr. Mircea Tampa

Prof. Dr. Simona Roxana Georgescu

---

### Deadline for manuscript submissions

closed (22 March 2024)



## Life

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/si/164505](https://mdpi.com/si/164505)

*Life*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[life@mdpi.com](mailto:life@mdpi.com)

[mdpi.com/journal/  
life](https://mdpi.com/journal/life)





# Life

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/journal/  
life](https://mdpi.com/journal/life)



## About the Journal

### Message from the Editor-in-Chief

*Life* (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

---

### Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona  
Institute of Science and Technology, 08028 Barcelona, Spain

---

### 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, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)