

## Special Issue

# Antioxidants as Adjuvants for Inflammatory Bowel Disease Treatment

### Message from the Guest Editors

Inflammatory bowel disease (IBD), including Crohn disease (CD) and ulcerative colitis (UC), is a multifactorial disorder. IBD etiopathogenesis is still debated, with several possible triggers converging to similar pathological effects. During the last few decades, numerous discoveries have contributed to elucidating the role of the mucosal immune response, the importance of the gut barrier and the mucus layer integrity and the role of the intestinal microbiota. Despite this progress and the increasing number of pharmacological options, IBD patients still suffer from frequent disease relapse and an important percentage of patients do not respond to treatment, including biological drugs. Increased reactive oxygen species generation (oxidative stress) is a condition associated with IBD pathogenesis and disease relapse. Adjuvant therapies targeting oxidative stress remain limited, despite the numerous reports suggesting their potential beneficial effects in preclinical and clinical research.

This SI is to review the current state of the art regarding antioxidant development and clinical/pre-clinical translation in the context of IBD onset, treatment, and remission maintenance.

---

### Guest Editors

Dr. Marcello Chieppa

Department of Experimental Medicine, University of Salento, 73100 Lecce, Italy

Dr. Angelo Santino

Institute of Science of Food Production, C.N.R. Unit of Lecce, 73100 Lecce, Italy

---

### Deadline for manuscript submissions

31 July 2026



## Antioxidants

---

an Open Access Journal  
by MDPI

---

Impact Factor 8.2  
CiteScore 14.7  
Indexed in PubMed



[mdpi.com/si/217243](https://mdpi.com/si/217243)

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

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





# Antioxidants

---

an Open Access Journal  
by MDPI

---

Impact Factor 8.2  
CiteScore 14.7  
Indexed in PubMed



[mdpi.com/journal/  
antioxidants](https://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, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Chemistry, Medicinal) / CiteScore - Q1 (Clinical Biochemistry)