

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.

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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.

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