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Oxidative Stress in Gastrointestinal Diseases: Challenges and Opportunities

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Message from the Guest Editors

Inflammatory bowel diseases (IBDs) have a multifactorial character, with the contribution of environmental factors, intestinal microbiota, individual genetic susceptibility, as well as immunological and psychological factors, with emphasis on the role of inflammation and oxidative stress in their emergence. Drug treatment, which is used for a prolonged time by patients, may be used with the appearance of adverse effects, dependence, and/or refractoriness to the disease. Studies have pointed out that compounds with antioxidant/anti-inflammatory effects can be considered a complementary alternative treatment for IBD.

We welcome the submission of articles and reports with high scientific standards on the medical specialty concerned with the prevention and diagnosis of IBDs, monoclonal antibodies treatment, biomarkers for diagnosis and clinical follow-up, surgical treatment, and nutritional strategies for clinical remission induction and maintenance.



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Special Issue



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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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