

Special Issue

Physiopathology and Pharmacology of the Gastrointestinal Tract

Message from the Guest Editor

The gastrointestinal (GI) tract is a tubular system that comprises different organs from the mouth to anus and is widely known for its key role in food digestion and nutrient absorption. However, it plays a key role in many other essential functions, including acting as a physical barrier and endocrine and immune surveillance. The GI tract and the brain–gut axis are considered essential for homeostasis and many factors may affect them, causing specific symptoms, diseases and disorders that need adequate treatments. In the last few years, the GI tract (and the brain–gut axis) has attracted much attention, and many researchers are looking at it in renewed and pluridisciplinary ways in order to improve the understanding of its physiopathology and to increase the offer of pharmacological tools to treat the conditions that affect it. Thus, this Special Issue aims to collect high-quality manuscripts (preclinical and translational studies, reviews, systematic reviews, meta-analyses...) focused on the GI tract, its physiology, the diseases and disorders that affect it or affect the brain–gut axis, and, specially, new pharmacological approaches to treat them.

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2024)



Biomedicines

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CiteScore 5.2
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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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