



an Open Access Journal by MDPI

Advances in Small Bowel Disorders: From Basic Research to Technical Developments

Guest Editors:

Dr. Maria Manuela Estevinho

1. Department of Gastroenterology, Vila Nova de Gaia Espinho Hospital Center, Vila Nova de Gaia, Portugal
2. Unit of Pharmacology and Therapeutics, Department of Biomedicine, Faculty of Medicine, University of Porto, Porto, Portugal

Dr. Rolando Pinho

Department of Gastroenterology, Vila Nova de Gaia/Espinho Hospital Center, Vila Nova de Gaia, Portugal

Deadline for manuscript submissions:

closed (31 March 2024)

Message from the Guest Editors

The small bowel is essential for the breakdown and absorption of nutrients, gut microbiome regulation, and immune system modulation, playing a key role in health and disease. Notwithstanding, this organ is often overlooked as it poses significant challenges for clinicians in terms of accurate diagnosis and effective treatment. The developments in diagnostic technologies, such as capsule endoscopy and device-assisted enteroscopy, have greatly improved our ability to diagnose and manage small bowel diseases. Additionally, a multidisciplinary approach with straight collaboration between gastroenterologists, pathologists, radiologists, and surgeons is key to successfully managing small bowel disorders.

The forthcoming Special Issue focuses on several elements that are essential for understanding small bowel disorders. The invited topics include, but are not limited to, the following:

- Small bowel capsule endoscopy;
- Device-assisted enteroscopy;
- Artificial intelligence;
- Computer-aided diagnosis;
- Suspected small bowel bleeding;
- Physiopathology of small bowel diseases (immunology, inflammation, gut microbiome, infections, and ischemia);
- Small bowel malignancies.



mdpi.com/si/170555

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and
Center for Clinical Research
Learning, Spaulding
Rehabilitation Hospital and
Massachusetts General Hospital,
Harvard Medical School, Boston,
MA 02114, USA
2. Department of Epidemiology,
Harvard T.H. Chan School of
Public Health, Boston, MA 02115,
USA

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.

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*, *CAPLus / SciFinder*, and other databases.

Journal Rank: JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q2 (*Medicine (miscellaneous)*)

Contact Us

Biomedicines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/biomedicines
biomedicines@mdpi.com
X@Biomed_MDPI