

Special Issue

Pathogenesis and Potential Treatments of Neurointestinal Diseases

Message from the Guest Editors

Neurointestinal diseases comprise a group of conditions that affect the enteric nervous system (ENS) contained within the gastrointestinal (GI) tract, causing serious and often life-threatening GI dysfunction. They include congenital aganglionosis (Hirschsprung disease), esophageal achalasia, chronic intestinal pseudo-obstruction, slow transit colonic disorders, and gastroparesis. Despite the prevalence and severity of these diseases, current treatments are not curative but rather aim to relieve the symptoms of the disease without directly addressing the underlying pathophysiology. This lack of curative therapy represents a profound unmet need that leaves many children and adults suffering. Investigation into the underlying pathogenesis and mechanisms is necessary to identify new targets to develop treatment strategies. This Special Issue invites original research articles and reviews that will cover basic and clinical studies addressing the underlying mechanisms and etiology of neurointestinal disorders. Research focused on developing novel diagnostic or therapeutic strategies for these challenging conditions is particularly encouraged.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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