



Pathogenesis and Potential Treatments of Neurointestinal Diseases

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Deadline for manuscript
submissions:

closed (31 July 2024)

Message from the Guest Editors

Dear Colleagues,

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.





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