



Gastrointestinal Motility and Neurogastroenterology

Guest Editor:

Dr. Naoki Asano

Graduate School of Medicine
Department of Medical Sciences,
Tohoku University, Sendai, Japan

Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editor

Dear Colleagues,

Advances in the field of gastroenterology have led to elucidation and effective treatment of life-threatening diseases of the gastrointestinal tract, such as gastric cancers and colon cancers. On the other hand, disorders related to motility of the digestive tract are yet to be clarified.

There are efficient measures for investigating gastrointestinal motility, such as 24 h multichannel intraluminal impedance pH monitoring and high-resolution manometry, and careful analyses of the data obtained from these procedures contribute to the understanding of the physiology behind functional disorders of the alimentary tract. Furthermore, studies conducted with the aforementioned measures revealed the involvement of hypersensitivity in some functional diseases. At a molecular level, interstitial cells of Cajal, which are distributed within the muscle layers of the gastrointestinal tract, mediate the communication between autonomic nerve systems and the smooth muscle of the digestive tract, and the dysfunction of these cells is considered to be related to disorders of gastrointestinal motility.

Dr. Naoki Asano
Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI