

Special Issue

Genetic Advances in Gastrointestinal Diseases

Message from the Guest Editor

The proper functioning of the digestive system is determined by genetic predispositions and factors affecting the organism during its development. Many gastrointestinal diseases and conditions are inherited. Among the clinical problems associated with the gastrointestinal tract, in adults and children, are predisposition to cancer (polyposis, Lynch syndrome pancreatic cancer, liver cancer), inflammatory bowel diseases, and autoimmune diseases (Celiac disease), but food intolerances are also of significant importance. Disorders of the liver (hepatitis, Gilbert syndrome), pancreas (pancreatitis) and Hirschsprung's disease are also genetically determined. The genetic basis of complex symptom-based disorders, including symptoms from the gastrointestinal tract, is also not fully understood. The field of interest in this *International Journal of Molecular Sciences* Special Issue on "Genetic Advances in Gastrointestinal Diseases" encompasses the genetic basis of the development and physiological activity of all elements of the gastrointestinal tract as well as modifier genes that may alter diseases' clinical course and therapeutic options for the patient.

Guest Editor

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Deadline for manuscript submissions

closed (15 September 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/150350

*International Journal of
Molecular Sciences*
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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.

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