



genes



an Open Access Journal by MDPI

Clinical Epigenetics in Gastroenterology

Guest Editor:

Dr. Anup R. Sharma

Surgical Oncology Research
Laboratories, Division of Surgical
Oncology, Department of
Surgery, Yale School of Medicine,
Yale University, New Haven, CT
06519, USA

Deadline for manuscript
submissions:

5 September 2024

Message from the Guest Editor

Dear Colleagues,

Clinical epigenetics is a rapidly evolving field that holds great promise for revolutionizing the field of gastroenterology, offering novel insights into disease mechanisms to diagnose, prevent, and enable the development of targeted therapies for various gastrointestinal diseases. This issue explores the role of epigenetics in gastroenterology, highlighting key aspects such as disease mechanisms, diagnostic and prognostic markers, therapeutic strategies, and the role of liquid biopsy approaches in precision medicine.

Topics can cover but are not limited to the following areas of interest.

- The interplay of genetics, epigenetics, and the cellular microenvironment.
- Epigenetic mechanisms in gastrointestinal diseases
- The epigenetic regulation of immune responses.
- The integration of clinical epigenetics and systems biology approaches.
- Epigenetic engineering and its potential application in gastrointestinal diseases.
- Liquid and tissue biopsy in precision medicine.

Dr. Anup R. Sharma

Guest Editor



mdpi.com/si/199306

Special Issue



genes



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan

Department of Pathology, The
University of Alabama at
Birmingham, 1825 University
Blvd, SHEL 814, Birmingham, AL
35294-2182, USA

Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

Why not consider *Genes* for your next genetics paper?

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, MEDLINE, PMC, Embase, PubAg, and other databases.

Journal Rank: JCR - Q2 (*Genetics & Heredity*) / CiteScore - Q2 (*Genetics*)

Contact Us

Genes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/genes
genes@mdpi.com
[X@Genes_MDPI](https://twitter.com/Genes_MDPI)