Special Issue

Precision Medicine in Gastrointestinal Neoplasms

Message from the Guest Editors

Precision medicine in gastrointestinal malignancies represents an innovative and highly specialized approach to cancer treatment. This paradigm focuses on personalizing treatment based on the specific genetic and molecular characteristics of each patient's tumor, as well as other individual factors. The focus of this Special Issue is on, but not limited to, the following:

- Tumor genomics or DNA sequencing
- Biomarkers: predictive or prognostic
- Targeted therapies
- Immunotherapy.

Moreover, some challenges we are currently facing that should be clarified in the near future include the following:

- Accessibility and Cost: Genetic testing and targeted therapies can be expensive and are not always covered by insurance.
- Continuous Research: Need for clinical studies that validate new therapies and combinations.
- Liquid Biopsies: Development of noninvasive methods for monitoring tumor evolution and response to treatment.

In summary, precision medicine in gastrointestinal malignancies promises to significantly improve treatment outcomes by tailoring interventions to each patient's unique characteristics, thereby reducing side effects and increasing treatment efficacy.

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Deadline for manuscript submissions

25 February 2026



Journal of Personalized Medicine

an Open Access Journal by MDPI

CiteScore 6.0
Indexed in PubMed



mdpi.com/si/212674

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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on "omics"-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical

subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

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