

Special Issue

Application of Artificial Intelligence in Gastric Cancer

Message from the Guest Editors

Gastrointestinal cancers are among the most prevalent and deadly malignancies globally, posing a serious threat to human health. While conventional treatment strategies—such as chemotherapy, radiotherapy, and targeted therapy—have shown clinical benefits, they are often hindered by significant limitations. Even the promising advances of immunotherapy face challenges due to variable response rates. In this rapidly evolving landscape, artificial intelligence (AI) is emerging as a transformative force, reshaping the way we understand, diagnose, and treat gastrointestinal cancers. From radiomics and intelligent pathological analysis to AI-powered endoscopic image recognition, recent studies have demonstrated the potential of AI to enhance accuracy, efficiency, and personalization across the entire clinical pathway. This Special Issue invites researchers, clinicians, and data scientists to contribute original articles and reviews that explore the application of AI in early screening, precise diagnosis, individualized treatment planning, and prognosis prediction for gastrointestinal malignancies, especially gastric cancers.

Guest Editors

Dr. Lorena Torroni

1. Saint Camillus International University of Health and Medical Sciences, 000131 Rome, Italy
2. Department of Diagnostics and Public Health, Unit of Epidemiology and Medical Statistics, University of Verona, 37134 Verona, Italy

Dr. Maria Bencivenga

General and Upper GI Division, Department of Surgery, Dentistry, Paediatrics and Gynaecology, University of Verona, 37126 Verona, Italy

Deadline for manuscript submissions

31 January 2026



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/242680

Journal of Clinical Medicine
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jcm@mdpi.com

mdpi.com/journal/

jcm





Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



[mdpi.com/journal/
jcm](https://mdpi.com/journal/jcm)



About the Journal

Message from the Editorial Board

There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

Editors-in-Chief

Prof. Dr. Emmanuel Andr  s

Internal Medicine Department, University Hospital Strasbourg, 67000
Strasbourg, France

Prof. Dr. Kent Doi

Department of Acute Care Medicine, University of Tokyo, Tokyo, Japan

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Medicine, General and Internal) / CiteScore - Q1 (General Medicine)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.7 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).