

Special Issue

Molecular Diagnostic Strategies for Prediction and Prognosis of Gastric Cancer

Message from the Guest Editor

Gastric cancer is the fifth most common cancer and the third cause of cancer death. Intra-tumoural and inter-tumoural heterogeneity is a feature of gastric cancer, which leads to diagnostic and therapeutic challenges. Currently, diagnostic typing is based on immunohistochemistry evaluation of the expression of a few specific biomarkers that are correlated with disease prognosis. Moreover, to date, no validated biomarkers that are predictive of the treatment response to targeted therapies are available, with the exception of HER2 overexpression and MSI status. Taking into account this scenario, there is an urgent need to develop new predictive and prognostic diagnostic strategies for gastric cancer patients' management. For this reason, this Special Issue will embrace papers that reveal new diagnostic molecular approaches that support pathological diagnosis with high specificity and sensitivity and studies that assess the role of liquid biopsy as a new valuable diagnostic method. In addition, new manuscripts that investigate biomarkers mirroring the prognosis or response to therapy will be highly valued.

Guest Editor

Dr. Matteo Curtarello

Istituto Oncologico Veneto IOV - IRCCS, Padova, Italy

Deadline for manuscript submissions

closed (20 January 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/170670

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

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





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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



About the Journal

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.

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

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 (Organic Chemistry)