Special Issue

Molecular Biomarkers in Cancer and Their Applications

Message from the Guest Editor

A molecular biomarker in cancer is a measurable indicator, including genetic variations, differences in messenger RNA (mRNA) and/or protein expression, post-translational modifications of proteins, metabolite levels, among others. A large amount of literature has demonstrated the potential of different molecular biomarkers for clinical utility. Thus, molecular biomarkers guide disease diagnostics or drug treatment in many settings. Based on their clinical use, they can be classified as diagnostic, prognostic, pharmacodynamic or predictive cancer biomarkers. Currently, the use of liquid biopsy, mainly blood or serum, to identify molecular biomarkers is showing high potential to better understand tumor heterogeneity and tumor molecular behavior in order to identify the best type of treatment.

Guest Editor

Dr. Cristina Peña

Centro de Investigación Biomédica en Red de Cáncer (CIBERONC), 28029 Madrid, Spain

Deadline for manuscript submissions

closed (28 June 2023)

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)