

Special Issue

Flow Cytometry as a Tool for Diagnostics and Biomarker Research

Message from the Guest Editor

Flow cytometry has become an essential technology in both basic and clinical research. Its versatility and broad applicability have continuously expanded our understanding of immune and pathological processes, consolidating its role in translational medicine. Recent advances have demonstrated the value of integrating classical diagnostic methods with state-of-the-art approaches such as flow cytometry to improve disease diagnosis. This Special Issue welcomes original research articles and reviews that employ flow cytometry as a central tool for the discovery and validation of biomarkers with diagnostic, predictive, or prognostic relevance. We welcome submissions using conventional flow cytometry, spectral flow cytometry, mass cytometry, or innovative approaches that integrate flow cytometry with imaging technologies. Studies may include human samples or animal models, provided the latter address questions directly related to human health. We look forward to receiving your contributions.

Guest Editor

Dr. Leslie Chavez-Galan

Laboratory of Integrative Immunology, Instituto Nacional de Enfermedades Respiratorias Ismael Cosío Villegas, Mexico City 14080, Mexico

Deadline for manuscript submissions

31 March 2026



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/258627

*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)