Special Issue

Advancements in Diagnostic and Preventive Pharmacogenomics

Message from the Guest Editor

The aim of this Special Issue is to compile and present new reports and studies addressing advancements in the genetic profiling of individuals, novel discoveries, and multi-omics technologies for the genetic analysis of drug-related genes. The results will enhance treatment outcomes, especially for those seeking drug stratification in clinical practice. Investigators working in this fascinating area are welcome to submit original research, review articles, case reports, and other relevant manuscripts to our Special Issue. This Special Issue is supervised by , assisted by our Topical Advisory Panel Member Dr. Pantea Kiani (Department of Pharmacology, Utrecht Institute for Pharmaceutical Sciences, Utrecht University).

Guest Editor

Dr. Alireza Tafazoli

Department of Pharmacology and Toxicology, King's College Circle, University of Toronto, Toronto, ON M5S 1A8, Canada

Deadline for manuscript submissions

31 December 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/210748

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





International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.0 Indexed in PubMed





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)

