

Special Issue

Historic Genomics: An Emergent Discipline

Message from the Guest Editor

The issue contains papers that show how the diversity of different genetic markers across the world populations may be useful to obtain inferences about their historical–prehistorical interactions. While history often relies on speculation, genomics now provides objective data to challenge traditional views. Technologies like gene amplification enable comprehensive studies of genomes, diseased genes, and population-specific gene diversity. These insights will help confront the historic premises or “dogma” with objective genetic data. Historic genomics is slowly being developed.

HLA alleles, mtDNA, and Y-chromosome variants are all linked to diseases that may have been common in the past or certain populations and are also useful for the historic genomics study. Furthermore, polymorphic genes are currently in use in population genetics: full genome studies, SNPs, and STRs. However, low polymorphic gene markers may be useless for distinguishing populations since “noise” is too high, limiting their usefulness.

We invite you to explore the "Historic Genomics" in the issue.

Guest Editor

Prof. Dr. Antonio Arnaiz-Villena
Department of Immunology, Universidad Complutense de Madrid,
28012 Madrid, Spain

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/194545

*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)* 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, and molecular biophysics. *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. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)