

## 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.

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### Guest Editor

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### Deadline for manuscript submissions

closed (20 January 2025)



## International Journal of Molecular Sciences

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Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



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*International Journal of  
Molecular Sciences*  
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### 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.

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