

## Special Issue

# Genetic Susceptibility in Human Diseases

### Message from the Guest Editor

Rapid advancements in genomic technologies and bioinformatics have transformed our understanding of genetic susceptibility in human diseases. Genetic variants, combined with environmental factors, critically influence disease onset, progression, and therapeutic outcomes across diverse populations.

Topics of interest include the following: The identification of genetic variants linked to disease susceptibility; Gene–environment interactions shaping disease risk; Epigenetic mechanisms influencing predisposition; Biomarkers for disease screening, diagnosis, and prognosis; Pharmacogenomics and personalized therapeutic approaches; Polygenic risk scores for clinical risk assessment; Genetic factors in complex diseases (e.g., cancer, cardiovascular, neurodegenerative, autoimmune); Population genetics and diversity in susceptibility; Bioinformatics tools and databases for genetic research; Ethical, legal, and social implications of genetic studies.

This open access Special Issue welcomes contributions that bridge fundamental science, clinical applications, and translational research, fostering the development of novel diagnostics and targeted therapies.

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### Guest Editor

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### Deadline for manuscript submissions

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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)* 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.

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