

## Special Issue

# Enhancing Genetic Prediction in Precision Medicine with Artificial Intelligence

### Message from the Guest Editor

*Genes* is pleased to announce a Special Issue entitled “Enhancing Genetic Prediction in Precision Medicine with Artificial Intelligence”, for which we are looking for original research papers. Precision medicine represents an emerging approach to clinical research and patient care, focusing on understanding and treating diseases. It integrates multimodal or multi-omics data to make tailored decisions for each patient. Within artificial intelligence (AI), machine learning is a computing methodology that aims to identify complex patterns in data. Machine learning analysis in precision medicine enables the comprehensive analysis of large datasets and a deeper understanding of human health and disease. This Special Issue will include works exploring applications of AI in precision medicine to improve patient care. Research areas may include, but are not limited to, the analysis of gene expression patterns, phenotype prediction, prevention, diagnosis, risk score assessment, patients risk categorization, and treatment for each individual based on individual genetics and/or epigenetics, among other relevant topics.

### Guest Editor

Prof. Dr. Isabel De la Torre Diez

Department of Signal Theory, Communications and Telematics Engineering, University of Valladolid, Paseo de Belen, 15, 47011 Valladolid, Spain

### Deadline for manuscript submissions

20 October 2025

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## Genes

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## About the Journal

### Message from the Editor-in-Chief

*Genes* is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

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### Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan  
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