

## Special Issue

# Precision Medicine Genomics: Pharmacogenomics

### Message from the Guest Editors

The history of healthcare is going through a period of transformation. The concept of "precision medicine" concerns the prevention, diagnosis and treatment of diseases by taking into account the genomic and molecular characteristics of each patient. Traditionally, the selection of a particular drug for pharmacological prescription has been decided by trial and error. However, an increasing amount of information is becoming available to increase efficacy and prevent adverse drug reactions based on pharmacogenomics. Pharmacogenomics is the main tool of precision medicine that uses genetic/omics information to individualize prescriptions in order to optimize drug response. In this way, the efficacy of these therapies would be maximized, reducing side effects and also the unnecessary costs associated with treatment failure and hospitalizations due to adverse drug reactions, thus improving patients' quality of life. However, since precision medicine remains a challenge, the aim of this issue is to collect solid articles from any field of personalized medicine or genomics that will increase the knowledge of precision medicine.

### Guest Editors

Dr. Luis Andrés López-Fernández

Dr. Sara Salvador-Martín

Dr. Matea Zajc Petranović

### Deadline for manuscript submissions

closed (15 September 2023)



## Journal of Personalized Medicine

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## About the Journal

### Message from the Editor-in-Chief

*Journal of Personalized Medicine (JPM)*, ISSN 2075-4426) is an international, open access journal aimed at bringing all aspects of personalized medicine to one platform. *JPM* publishes cutting edge, innovative preclinical and translational scientific research and technologies related to personalized medicine (e.g., precision medicine, pharmacogenomics/proteomics, systems biology, 'omics association analysis). *JPM* is covered in Scopus, the Science Citation Index Expanded (SCIE), PubMed, PMC, Embase, and other databases.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.5 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the first half of 2025).