

## Special Issue

# Personalized Medicine for Metabolic Diseases: Novel Tools for the Study of Pathogenic Mechanisms and Treatment

### Message from the Guest Editor

Metabolic diseases are often genetic and rare, affecting less than 1/10000 individuals. However, as there are thousands of these diseases, many millions of individuals are affected. The human and social burdens are clear, and new therapeutic approaches are needed. From a biochemical, biophysical and cell biology point of view, the treatment of inherited metabolic diseases is challenging. We welcome multidisciplinary original research and review articles that address the molecular mechanisms of these diseases, as well as novel approaches to their investigation and treatment. We aim to gather papers that use classical and state-of-the-art tools to unravel different aspects of metabolic diseases (such as structure–function relationships), and welcome metabolomic and proteomic studies. We also aim to present current advances in X-ray crystallography and cryo-EM for the investigation of these diseases. We seek reviews, comments and original research. It is particularly important that manuscripts be of high quality and relevance if state-of-the-art approaches are used, described or discussed.

### Guest Editor

Dr. Angel L. Pey

Department of Physical Chemistry, University of Granada, Granada, Spain

### Deadline for manuscript submissions

closed (10 June 2024)



## Journal of Personalized Medicine

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## About the Journal

### Message from the Editor-in-Chief

*Journal of Personalized Medicine* is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on “omics”-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

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### Editor-in-Chief

Prof. Dr. Kenneth P.H. Pritzker

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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 25 days after submission; acceptance to publication is undertaken in 5.8 days (median values for papers published in this journal in the second half of 2025).