

## Special Issue

# Personalized Medicine in Metabolism Disorders

### Message from the Guest Editor

Metabolic disorders encompass a diverse range of conditions characterized by disruptions in cellular metabolism, which impact the processing of macronutrients and energy balance. These disorders have reached epidemic levels, with metabolic syndrome affecting approximately 20-25% of the global adult population. Recent studies have focused on the complex interactions between genetic predisposition, epigenetic modifications, gut microbiota composition, and lifestyle factors in metabolic health. Emerging areas of investigation include the modulation of adipose tissue function, particularly the activation of brown adipose tissue and the browning of white adipose tissue, as potential therapeutic targets. We welcome original research articles, systematic reviews, and meta-analyses that explore innovative methods for preventing, detecting, and treating metabolic disorders. Particular emphasis will be placed on studies examining personalized medicine strategies, novel biomarkers for early diagnosis, and lifestyle interventions that demonstrate efficacy in improving metabolic outcomes.

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### Guest Editor

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### Deadline for manuscript submissions

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## 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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