

Special Issue

Targeting the Microbiome for Disease Diagnosis and Therapy: New Frontiers for Personalized Medicine

Message from the Guest Editor

The gut microbiota is emerging as a pivotal player in the pathogenesis of many non-communicable diseases. Thus, it has been proposed as a new diagnostic and therapeutic target. This Special Issue will focus on the microbiome as a potential target of new personalized therapies or diagnostic tools.

In the last decades, the gut microbiome has been deeply investigated, and many studies have provided new information on the role of dysbiosis in many gastrointestinal and extra-gastrointestinal diseases. Recently, in addition to its phylogenetic characterization, new information has become available regarding the function of the gut microbiota, thanks to proteomic and metabolomic analyses.

The therapeutic modulation of the gut microbiota based on different strategies, including diet modification, antibiotics, prebiotics, probiotics, and, last but not least, fecal microbiota transplantation, has been tested for the treatment of various diseases.

We are looking for original clinical or pre-clinical research papers and reviews focusing on the use of the microbiome for disease diagnosis, monitoring, or therapy and suggesting new possible gut microbiota-based approaches for personalized care.

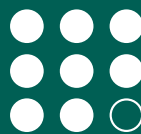
Guest Editor

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Deadline for manuscript submissions

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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).