

Special Issue

Precision Medicine for Immunology and Immunogenetics

Message from the Guest Editor

Immunity is the capability of an organism to resist harmful invaders using both specific and non-specific components. This can be done by either preventing their entrance or elimination following successful invasion. The immune system also acts against diseases, including cancer, being capable of eliminating them, even though certain types of cancer and cancer treatments may weaken or evade immune response. Inflammation due to cancer may contribute to genomic instability, epigenetic modification, proliferation and anti-apoptotic mechanism enhancement, angiogenesis, and tumor dissemination, thus leading to high metastatic potential. Immunogenetics, which studies the molecular and genetic basis of the immune response, is a new, but rapidly expanding scientific discipline to study immunological pathways and polymorphisms that affect the ability to control infectious diseases, autoimmunity or cancer, aiming at the identification of new therapeutic targets.

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 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.

Editor-in-Chief

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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).