

Special Issue

COVID-19 Vaccination: Clinical Response, Influencing Factors, Development Prospects

Message from the Guest Editors

The world is in the midst of the COVID-19 pandemic and is expecting vaccines to be game changers. Four months after COVID-19 vaccination beginning in many countries, however, many challenges remain, as listed below:

- Accelerating the development of safe and effective vaccines against COVID-19;
- Population prioritized for vaccination and fair and equitable allocation of vaccines for all countries;
- Safety and adverse events seen after clinical trial;
- Effective pharmacovigilance strategies;
- COVID-19 variants and vaccines;
- Length of effectiveness of vaccines;
- Influencing factors in vaccine response;
- Clinical responses;
- Chances of getting COVID-19 after being fully vaccinated;
- Spreading COVID-19 after being vaccinated;
- Pros and cons of vaccine types;
- Personalized use of vaccines according to patient profiles.

This Special Issue aims both to provide an overview of vaccines' mechanisms of action, clinical response, and safety and address clinical questions concerning personalized management of vaccination. Prof.

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Guest Editors

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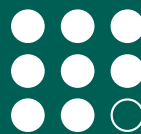
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About the Journal

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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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).