

Special Issue

Emerging Issues in COVID Vaccine

Message from the Guest Editors

The time has come to summarize the effectiveness of vaccines over the last 12 months, especially in the context of the emergence of new variants and the expansion of vaccination schedules with new doses. Factors (especially biochemical and genetic) determining the course of COVID-19 as well as those responsible for the intensity of the immune system's response to vaccinations are still being sought. We still know too little about genetic determinants (such as changes in the gene expression profile, the presence of polymorphisms or epigenetic regulations) of the immune response to SARS-CoV-2-related antigens. Let us summarize the role of vaccination in reducing the negative effects of a pandemic and in assessing the immune response in the rational management of vaccination programs together.

Guest Editors

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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