

## Special Issue

# Vaccine against COVID-19: Current State of the Art and Future Perspectives

### Message from the Guest Editor

Although COVID-19 vaccines have been extensively used around the world, millions of cases are still diagnosed every day, contributing to the decreased effectiveness of the vaccine and strain variations. Therefore, it is still imperative to formulate a scientific immunization strategy based on the current COVID-19 vaccines and design and develop the next generation of vaccines. A thorough evaluation of how different COVID-19 vaccines were developed is valuable:

- (1) The continued scientific, normative, and comprehensive clinical evaluation of COVID-19 vaccines with antigens originating from wild strains as well as variant strains against VOC;
- (2) The development of a safe and effective heterologous prime-boost strategy which may to some degree draw on the strengths of different technology platforms and induce a rich immune response;
- (3) A deeper understanding of the importance of new adjuvants and analysis of their synergistic mechanisms applied to vaccines.

We aim to present the latest developments of clinical studies on COVID-19 vaccines and gather promising research or perspectives on the design of next-generation COVID-19 vaccines and immunization strategies.

---

### Guest Editor

Prof. Dr. Fengcai Zhu

Jiangsu Provincial Center for Disease Prevention and Control, Nanjing  
210009, China

---

### Deadline for manuscript submissions

closed (20 July 2023)



## Journal of Clinical Medicine

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.9  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/111912](https://mdpi.com/si/111912)

*Journal of Clinical Medicine*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jcm@mdpi.com](mailto:jcm@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[jcm](https://jcm)





# Journal of Clinical Medicine

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.9  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/journal/](https://mdpi.com/journal/jcm)

[jcm](https://mdpi.com/journal/jcm)



## About the Journal

### Message from the Editorial Board

There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

---

### Editors-in-Chief

Prof. Dr. Emmanuel Andr  s

Internal Medicine Department, University Hospital Strasbourg, 67000  
Strasbourg, France

Prof. Dr. Kent Doi

Department of Acute Care Medicine, University of Tokyo, Tokyo, Japan

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Medicine, General and Internal) / CiteScore - Q1 (General Medicine)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.7 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).