

## Special Issue

# Bioinformatics Tools for the Detection and Identification of Mechanisms in Immune Cells of COVID-19

### Message from the Guest Editors

Bioinformatics tools provide a list of options that can answer immunological questions and challenges such as obtaining structural information, gene expression patterns, genetic variation across populations, functions of particular subsets of immune cells, and, most importantly, to generate an informed hypothesis or prediction that can be tested bench-side. This Special Issue should encompass all disorders that involve Covid-19 and along with the direct involvement of the immune system in this disease. We are also interested in understanding whether drugs with immunological targets can affect Covid-19 and related disorders. The research topic will focus on, but is not be limited to, the following:

- Tools designed to visualize the genetic and immune profiles of Covid-19;
- Computational analysis of immunogenic patterns in Covid-19;
- Investigation of a novel question relating to Covid-19 and immunology using bioinformatics tools;
- Reviews to summarize the current knowledge in the field of bioinformatics tools in Covid-19;
- Databases developed for Covid-19.

### Guest Editors

Dr. Saurabh Kumar Jha

Dr. Niraj Kumar Jha

Dr. Parma Nand

Dr. Kavindra K. Kesari

### Deadline for manuscript submissions

closed (30 April 2022)



## Immuno

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 3.7

---



[mdpi.com/si/76935](https://mdpi.com/si/76935)

*Immuno*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[immuno@mdpi.com](mailto:immuno@mdpi.com)

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





# Immuno

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 3.7



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



## About the Journal

### Message from the Editor-in-Chief

---

#### Editor-in-Chief

Prof. Dr. Toshihiko Torigoe

Department of Pathology, Sapporo Medical University School of  
Medicine, S-1, W-17, Chuo-ku, Sapporo 060-8556, Japan

---

#### Author Benefits

##### Open Access:

free for readers, with article processing charges (APC) paid  
by authors or their institutions.

##### High Visibility:

indexed within ESCI (Web of Science), Scopus, EBSCO,  
and other databases.

##### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
provided to authors approximately 31.6 days after  
submission; acceptance to publication is undertaken in 2.9  
days (median values for papers published in this journal in  
the first half of 2025).