

Special Issue

Advances in Immunology and Inflammation During and After Infectious Diseases

Message from the Guest Editor

In recent years, our knowledge regarding the role of inflammation and immune response during and after infectious diseases has improved. For instance, let us refer to sepsis definition and pathogenesis, or to the COVID-19 emergency. But inflammation and immune response during and after infectious diseases can also lead to serious consequences, such as cancers, metabolic disorders, and cardiovascular diseases. With this Special Issue, we aim to provide new insights into immune response and inflammation, and especially persistent inflammation, in infectious diseases. Moreover, we aim to shed light on the immune response mechanisms which might help in developing new treatment strategies. Original and review articles, including basic studies, are all welcome to be submitted to this Special Issue. Research topics may include, but are not limited to, the following:

- Molecular and cellular mechanisms governing the immune response to microorganisms;
- Molecular and cellular mechanisms involved in persisting symptoms after the resolution of infection (i.e., long COVID-19);
- Therapeutic application of molecular and cellular patterns.

Guest Editor

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Deadline for manuscript submissions

closed (20 August 2025)



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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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