

Special Issue

New Insights into the Immunopathology of Infectious Diseases

Message from the Guest Editor

The study of immune system activation during infectious diseases is an area of great scientific interest and is rapidly expanding. It is increasingly clear how organ damage resulting from immune system dysregulation plays a fundamental role in determining patient prognosis in certain infectious pathologies (e.g., immune reconstitution inflammatory syndrome, sepsis, and SARS-CoV-2 infection). Likewise, infections can trigger or perpetuate dysimmune phenomena that lead to chronic pathologies with highly variable clinical manifestations. The goal of this Special Issue is to shed light, from a biochemical and molecular biology perspective, on new immunological and inflammatory mechanisms triggered during acute infectious diseases or that may contribute to the pathogenesis of chronic inflammatory or degenerative diseases. We are particularly interested in studies proposing unexpected discoveries and innovative models of interaction between the infectious agent and the host's immune-inflammatory processes, opening the door to new pathogenetic theories. Review articles, research articles, and interesting short communications are welcome.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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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