

## Special Issue

# Role of Extracellular Vesicles in Immune Regulation

### Message from the Guest Editor

Extracellular vesicles (EVs), including exosomes, microvesicles, and apoptotic bodies, as key mediators of intercellular communication. In the immune system, EVs play a pivotal role in modulating innate and adaptive responses by transferring proteins, lipids, and nucleic acids between cells. They can either promote immune activation or contribute to immune tolerance and suppression, depending on their cellular origin and molecular cargo.

This Special Issue will focus on the multifaceted roles of EVs in immune regulation across physiological and pathological contexts. We welcome original research and review articles exploring the mechanisms by which EVs influence immune cell function, mediate antigen presentation, modulate inflammatory signalling, or contribute to immune evasion in cancer, infection, and autoimmune disease. Contributions addressing the therapeutic potential of EVs as drug delivery vehicles, biomarkers, or immunomodulatory agents are also encouraged. Furthermore, studies investigating the biogenesis, molecular profiling, and engineering of EVs relevant to immune modulation are within scope.

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### Guest Editor

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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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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### Editor-in-Chief

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