

## Special Issue

# Extracellular Vesicles in Allergy, Autoimmunity and Immune Regulation

### Message from the Guest Editors

Extracellular vesicles (EVs), such as exosomes, receive special attention due to their involvement in systemic intercellular communication and capability of delivering various immune regulatory molecules, including non-coding RNAs. This EV-mediated transfer of genetically-encoded information is unprecedented and paradigm breaking. Increasing prevalence of allergic and autoimmune diseases urges researchers and clinicians to search for new and efficient treatments. Accordingly, recent advances in understanding complex functions of EVs in hypersensitivity reactions make them promising candidates for creating a new pathway in specific immunotherapy, firstly by complementing the existing treatments to reduce the toxic side effects and increase the specificity, and secondly by altering the unwanted immune responses underlying allergic or autoimmune disorders.

Therefore, this Special Issue is aimed at presenting the comprehensive studies on the functions of EVs in allergies and autoimmune diseases, as well as in regulation of immune responses.

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### Guest Editors

Prof. Dr. Krzysztof Bryniarski

Prof. Dr. Philip W. Askenase

Dr. Katarzyna Nazimek

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### Deadline for manuscript submissions

closed (31 December 2020)



## International Journal of Molecular Sciences

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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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