

Special Issue

Thrombo-Inflammatory Extracellular Vesicles

Message from the Guest Editors

The term “extracellular vesicles” (EV) refers to particles naturally released by several cell types upon different stimuli, which are bounded by a lipid bilayer and cannot replicate. Exosomes, microparticles, and apoptotic bodies, which differ in composition, biogenesis, and size, belong to this family. Evidence gathered over the past several years has demonstrated that EV are involved in numerous physiological processes, including blood coagulation and inflammation. Initially proposed as actors in blood coagulation, more recently, it has become evident that EV also carry other biological components of the parental cell in addition to phospholipids, which greatly broaden the spectrum of their potential effects as intercellular mediators and players in pathological processes.

For this Special Issue, we invite researchers to contribute either with original research (both in vivo or in vitro studies) or review articles focusing on vesicle-mediated thrombo-inflammatory mechanisms, as well as on the potential role of these EV as biomarkers, in the pathophysiology of cardiovascular and respiratory diseases.

Guest Editors

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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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