

Special Issue

Extracellular Vesicles as Non-coding RNA Delivery Systems in Inflammatory and Immunological Diseases

Message from the Guest Editors

In recent years, extracellular vesicles, nanometer-sized lipid-bilayer-enclosed, have attracted increasing attention due to their inherent ability to shuttle proteins, lipids and genes between cells and their natural affinity to target cells. Their intrinsic features such as stability, biocompatibility, low immunogenicity and ability to overcome biological barriers, have prompted interest in their use as drug delivery vehicles, mainly on the transfer of non-coding RNAs (key functional components of gene expression through their roles in alternative splicing, epigenetic regulation, mRNA turnover and translational repression), being an informed way to treat severe and harming pathologies such as the inflammatory and immunological diseases. This Special Issue's goal is to highlight the current state of the art and contemporary progress in this field. We invite review or original articles on all aspects of "Extracellular vesicles as non-coding RNA delivery systems in inflammatory and immunological diseases".

Guest Editors

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Deadline for manuscript submissions

closed (20 May 2022)



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