



Extracellular Vesicles and Exosomes as Therapeutic Agents

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Message from the Guest Editor

Extracellular vesicles (EVs) are lipid-bound vesicles secreted by cells into the extracellular space. EVs are widely considered as promising therapeutic options because they have a long circulating half-life, are tolerated well by the human body, are capable of penetrating cell membranes and targeting specific cell types, and have the capacity to be engineered. Indeed, the use of EVs (predominantly exosomes) as therapeutic agents and/or drug-delivery systems in neurodegenerative diseases, cancers, stroke, myocardial infarction, and several other pathologies has been the subject of intense research. Despite recent advances, a better understanding of the mechanisms by which EVs function would help unlock the full potential of EV-based therapeutics. This Special Issue welcomes articles focused on the use of EVs—including exosomes—as therapeutic agents, with a focus on articles that provide a better understanding of the uptake, biodistribution, and trafficking of EVs or elucidate the mechanisms by which EVs exert their therapeutic effects.





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Message from the Editor-in-Chief

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