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Extracellular Vesicles as Future Therapeutics and Indicators of Cardiac Disease

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Message from the Guest Editors

Cardiovascular diseases (CVDs) are the leading cause of mortality and morbidity worldwide. Extracellular vesicles have attracted significant attention in mediating intercellular communication during cardiovascular development and pathophysiology. Exosomal ncRNAs, including microRNAs, lncRNAs, and circRNAs, are considered to be key players, offering a potential source of novel diagnostic and prognostic biomarkers for CVDs.

This Special Issue aims to highlight the novel studies and strategies that might overcome current obstacles in cardiovascular translational medicine and their potential applications.

Specific themes we would like contributors to address include, but are not limited to:

- Extracellular vesicles in cardiac cells differentiation;
- Extracellular vesicles in cardiovascular repair and regeneration;
- Extracellular vesicles in cardiovascular protection;
- Extracellular vesicles in cardiovascular drug development and safety assay;
- Extracellular vesicles in tissue engineering;
- Extracellular vesicles in CVD diagnostic and prognostic;
- Extracellular vesicles in CVD pathogenesis;
- Extracellular vesicles in cardiovascular homeostasis.



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Special Issue



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Message from the Editor-in-Chief

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