



Cardiac Repair and Regeneration: New Molecular Mechanisms and Therapeutics

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Message from the Guest Editors

The adult heart is largely a postmitotic organ with limited cellular turnover during one's lifetime. In the face of injury, adult cardiomyocytes undergo adverse remodeling and death, severely compromising cardiac structure and function. Over the years, several strategies have evolved with the goal to promote cardiac repair and regeneration in response to myocardial damage. This Special Issue explores the new molecular mechanisms and state-of-the-art therapeutics, including the strategies targeting cardiomyocyte cell cycle activation and proliferation, stem-cell-mediated cardiac repair, role of immune cells in cardiac repair, and extracellular vesicles in cardiac repair and regeneration.





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Message from the Editor-in-Chief

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