

Special Issue

Current Strategies for Cell-Based Cardiac Therapies

Message from the Guest Editors

Cardiac injury, including blunt cardiac injury and penetrating cardiac injury, can result in a variety of specific injuries to the heart, the most common of which is myocardial contusion, a bruise (contusion) to the heart after an injury. Other potential injuries include septal defects and valvular failures, and the right ventricle is thought to be most commonly affected. Autologous tissue therapy means that are removed from, and applied to, the same person, i.e., the donor and the recipient, are the same. The holy grail in translational cardiology is the repair of cardiac injury with autologous tissue or locally regenerate damaged myocardium or conduction systems. Autologous cell-based cardiac therapies have emerged as among the most promising strategies for treating heart injury. This Special Issue will be dedicated to novel technologies in mammalian cardiac cell-subtype generation and integration and explore strategies for local regeneration of the heart myocardium or conduction system. Buikema

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About the Journal

Message from the Editor-in-Chief

The primary goal of the *Journal of Cardiovascular Development and Disease* (JCDD, ISSN 2308-3425) is to provide cardiovascular scientists a platform to publish their work in a quick and efficient way. Topics can range from studies designed to decipher the events underlying early heart development to studies focusing on the origins of congenital and acquired heart disease. Papers submitted to *JCDD* undergo a fast, yet thorough, peer-review process. In this process, we will apply strict ethical policies and standards. *JCDD* guarantees fast dissemination of results to a large scientific audience.

Editor-in-Chief

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