

Special Issue

Cardiac Regeneration in Non-Mammalian Vertebrates

Message from the Guest Editor

JCDD is launching a Special Issue on "Cardiac Regeneration in Non-Mammalian Vertebrates", which focuses on recent advances in understanding the genetic, molecular, and cellular mechanisms underpinning robust regeneration of a damaged heart in non-mammalian vertebrates, such as zebrafish and salamanders. Research using non-mammalian vertebrates has inspired new priorities in cardiac regeneration science. For example, classical and recent studies using newts and axolotls provided evidence for cell cycle re-entry of differentiated cardiomyocytes after injury. More recently, genetic fate-mapping studies using zebrafish definitively identified cardiomyocytes (not stem cells) as the primary cellular source for muscle replacement during regeneration, significantly influencing the direction of the field in seeking future therapies focused on cardiomyocyte renewal to repair human hearts.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2018)



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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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