

Special Issue

Decompensated Heart Failure

Message from the Guest Editors

Decompensated heart failure is commonly noted in patients with critical cardiac diseases, after cardiac surgery, and in critically ill patients treated for septic shock or traumatic brain injury. A diagnosis of decompensated heart failure is mainly based on clinical examination, haemodynamic measurement, and echocardiography. The main treatment for this pathology depends on its pathomechanisms and the clinical condition. The present Special Issue is dedicated to the pathomechanisms of decompensated heart failure and its treatment in patients with terminal heart failure, post-cardiosurgery cardiac failure, septic-shock-related cardiac decompensation, or traumatic brain injury-related cardiac decompensation. In this Special Issue, treatment with levosimendan and new β -blockers is also discussed. All articles are written by cardiologists, nephrologists, anesthesiologists, and/or intensivists. This Special Issue documents a multidisciplinary point of view of this dangerous-to-life pathology.

Guest Editors

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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

Editor-in-Chief

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