

Special Issue

Molecular Study of Cardiac Death

Message from the Guest Editor

Cardiovascular diseases remain one of the most important causes of mortality worldwide, despite the significant advances made in the last few decades in the field. Sudden cardiac death disproportionately affects the young, and its causes often remain unknown.

This Special Issue aims to bring recent advances in molecular biology that could be used to tackle sudden death due to cardiovascular diseases. We welcome articles detailing underlying physiopathological mechanisms for various causes of sudden death, including (but not limited to) ion channel disease, arrhythmogenic disorders, congenital heart diseases, cardiac conduction system disorders, etc. We are also interested in studies that aim to develop updated or new techniques for diagnosing these disorders, both in the clinic and during autopsies including (but not limited to) molecular autopsy of the heart, advanced micro-imaging techniques, genetic diagnosis, and advanced histological techniques. Due to its increasing importance, including in molecular biology, we especially welcome meta-analyses or studies using big data mining, which could bring new insights in the area.

Guest Editor

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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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