

## Special Issue

# Advances in Laboratory Animal Research for Precision Medicine in Cardiovascular Diseases

### Message from the Guest Editor

Cardiovascular disease (CVD) remains the leading cause of death worldwide, requiring continued efforts to understand its mechanisms and improve diagnosis and treatment. Animal models are essential for studying cardiac and vascular pathophysiology, identifying risk factors, and validating new therapeutic targets under controlled conditions. They also support the development of precision medicine by enabling tailored therapies and predictive models. This Special Issue of the *International Journal of Molecular Sciences (IJMS)* invites original research and reviews on the use of animal models in CVD research. Topics include molecular mechanisms, novel diagnostics, therapeutic strategies, in silico approaches, and advances in laboratory animal science. Submissions that bridge experimental and computational methods or enhance translational relevance are particularly encouraged.

### Guest Editor

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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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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