



*biology*



an Open Access Journal by MDPI

## Zebrafish as a Unique Model to Study Cardiovascular Physiology and Disease

Guest Editors:

**Prof. Dr. Patrick Y. Sips**

Department of Biomolecular  
Medicine, Ghent University, C.  
Heymanslaan 10, 9000 Ghent,  
Belgium

**Dr. Anabela Bensimon-Brito**

Max Planck Institute for Heart  
and Lung Research, Department  
of Developmental Genetics,  
Ludwigstrasse 43, 61231 Bad  
Nauheim, Germany

### Message from the Guest Editors

This Special Issue aims to highlight the current state of the art of the applications of zebrafish models for cardiovascular research. The topics may include (but are not limited to) zebrafish models of cardiovascular disease and regeneration, insights into signaling mechanisms based on zebrafish studies, advances in phenotyping techniques, and drug-discovery efforts. Original articles as well as reviews highlighting the latest advances in the field are welcomed.

Deadline for manuscript  
submissions:

**closed (31 March 2022)**



[mdpi.com/si/64949](https://mdpi.com/si/64949)

# Special Issue



an Open Access Journal by MDPI

## Editors-in-Chief

### **Prof. Dr. Jukka Finne**

Research Programme in  
Molecular and Integrative  
Biosciences, Faculty of Biological  
and Environmental Sciences,  
University of Helsinki, P.O. Box  
56, FI-00014 Helsinki, Finland

### **Prof. Dr. Andrés Moya**

Integrative Systems Biology  
Institute, University of Valencia  
and CSIC, 46980 Valencia, Spain

## Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Biology*) / CiteScore - Q1 (*General Agricultural and Biological Sciences*)

## Contact Us

*Biology* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/biology](http://mdpi.com/journal/biology)  
[biology@mdpi.com](mailto:biology@mdpi.com)  
[X@Biology\\_MDPI](https://twitter.com/Biology_MDPI)