

## Special Issue

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

### 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.

---

### 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

---

### Deadline for manuscript submissions

closed (31 March 2022)



## Biology

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 7.4  
Indexed in PubMed



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

*Biology*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[biology@mdpi.com](mailto:biology@mdpi.com)

[mdpi.com/journal/  
biology](https://mdpi.com/journal/biology)





# Biology

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 7.4  
Indexed in PubMed



[mdpi.com/journal/  
biology](https://mdpi.com/journal/biology)



## About the Journal

### 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.

---

### 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

---

### Author Benefits

#### High Visibility:

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

#### Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (General Agricultural and Biological Sciences)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).