

## Special Issue

# Biological Advances in Pregnancy Complications

### Message from the Guest Editors

Placenta-mediated complications result in significant short- and long-term maternal and fetal/neonatal morbidity and mortality, including preterm birth, hypertensive disorders of pregnancy, fetal growth restriction, abruption, and fetal loss. Obesity, gestational and pre-gestational diabetes, zoonotic diseases, and heat stress are increasingly prevalent worldwide. We are interested in the impact of combined exposures on mothers and babies in the short and long term. Maternal complications include metabolic syndrome and non-cardiovascular issues, while neonates may experience various health problems and developmental delays. However, the biological aspects of these complications have not been well studied. To address this gap, we plan to launch a Special Issue focusing on these topics, beneficial for basic and clinical researchers. We invite you and your colleagues to submit contributions to the Special Issue, "Biological Advances in Pregnancy Complications." We welcome original articles, reviews, and relevant communications for consideration. Your insights will enhance our understanding of pregnancy complications. We look forward to your valuable contributions.

---

### Guest Editors

Dr. Arumugam R. Jayakumar

Department of Obstetrics, Gynecology & Reproductive Sciences,  
University of Miami Miller School of Medicine, Miami, FL 33136, USA

Prof. Dr. Michael J. Paidas

Department of Obstetrics, Gynecology & Reproductive Sciences,  
University of Miami Miller School of Medicine, Miami, FL 33136, USA

---

### Deadline for manuscript submissions

31 January 2025



## Biology

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.6  
CiteScore 5.7  
Indexed in PubMed



[mdpi.com/si/207183](https://mdpi.com/si/207183)

*Biology*

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 3.6  
CiteScore 5.7  
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 16.1 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2024).