

## Special Issue

# Advances in Biological Breast Cancer Research (2nd Edition)

### Message from the Guest Editors

Breast cancer occurs when carcinogens cause breast epithelial cells to grow uncontrollably. It is one of the most prevalent cancers in the world and the most common type of malignant tumor in women. Fortunately, significant advancements have been made in breast cancer research, improving the success rate of treatment. Using the commonality between breast cancer experimental animal models and human breast cancer in terms of tumor molecular characteristics and biological behavior to study the pathogenesis of various breast cancers and the development of new therapeutic drugs has been particularly helpful. In addition, molecular and cell biology research also contributes to increasing our understanding of breast cancer, leading to more effective diagnosis and treatment options.

In this Special Issue, we aim to collect the latest advances in the study of breast cancer biology, covering mechanisms, diagnosis, regulations, treatment, and other related aspects.

---

### Guest Editors

Prof. Dr. Anna-Mart Engelbrecht  
Prof. Dr. Joji Mercier  
Dr. Iman Van Den Bout

---

### Deadline for manuscript submissions

30 June 2026



## Biology

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 7.4  
Indexed in PubMed



[mdpi.com/si/237566](https://mdpi.com/si/237566)

*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).