# **Special Issue**

# Environmental and Hormonal Modulators of Cell Fate: Epigenetic and Phenotypic Plasticity in Somatic Tissues

## Message from the Guest Editors

Environmental, hormonal and metabolic stimuli profoundly shape somatic cell fate by altering stress-response pathways, chromatin architecture and epigenetic regulation. This Special Issue highlights recent advances in how environmental cues and hormonal pathways regulate epigenetic plasticity, phenotype and identity in somatic tissues. Topics include chromatin remodeling, non-coding RNA regulation, metabolic adaptation, resilience pathways and environmental stress signaling. We look forward to receiving your contributions.

## **Guest Editors**

Prof. Dr. Alireza R. Fazeli

Institute of Biomedicine, The University of Gothenburg, Box 100, 405 30 Gothenburg, Sweden

Prof. Dr. Małgorzata Duda

Department of Endocrinology, Institute of Zoology and Biomedical Research, Faculty of Biology, Jagiellonian University, 30-387 Krakow, Poland

### Deadline for manuscript submissions

30 September 2026



# **Biology**

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 7.4
Indexed in PubMed



mdpi.com/si/264951

Biology Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 biology@mdpi.com

mdpi.com/journal/ biology





# **Biology**

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 7.4 Indexed in PubMed



## **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 17.4 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2025).

