



biology



an Open Access Journal by MDPI

Feature Review Papers on Developmental Biology

Guest Editor:

Prof. Dr. Jacek Z. Kubiak

Dynamics and Mechanics of Epithelia Group, Faculty of Medicine, Institute of Genetics and Development of Rennes, University of Rennes, CNRS, UMR 6290, 35043 Rennes, France

Deadline for manuscript submissions:

15 September 2025

Message from the Guest Editor

Dear Colleagues,

This Special Issue, 'Feature Review Papers on Developmental Biology', aims to collect high-quality review articles that explore the whole plethora of current research problems in the field of developmental biology.

This field includes processes that regulate all aspects of gametogenesis and embryo, fetus and adult development in living organisms, both unicellular and multicellular. Numerous research questions remain unresolved and thus should be the focus of future research, such as, for example, the molecular and genetic mechanisms governing sperm and oocyte development, the commitment of cells to form embryonic and adult tissues, the role and the nature of stem cells, differentiation and dedifferentiation, interrelationships between cells in situ tissues and organs as a result of both direct and distant communication, mechanisms of aging in cells and organisms, and, importantly, the impact of environmental cues on the developmental processes in plants, animals and humans. We sincerely welcome your submissions to this Special Issue on any of the subject areas discussed and any others that are closely related to all aspects of developmental biology.



mdpi.com/si/190503

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

Contact Us

Biology Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/biology
biology@mdpi.com
[X@Biology_MDPI](https://twitter.com/Biology_MDPI)