



Emerging Research Organisms to Study Development

Guest Editor:

Dr. Ross Poché

Department of Molecular
Physiology and Biophysics,
Baylor College of Medicine,
Houston, TX 77030, USA

Deadline for manuscript
submissions:

closed (15 September 2021)

Message from the Guest Editor

The past decade has seen a progressive reduction in the cost of genome sequencing that has fortuitously coincided with tremendous breakthroughs in genome editing. As a result, researchers no longer have to choose model organisms based on convenience and available infrastructure. We can now choose model organisms best suited to answer specific biological questions without compromising the ability to perform mechanistic studies. Therefore, the repertoire of novel systems is ever-expanding and provides unprecedented access to biological processes such as regeneration, body plan formation, aging, stress response, and evolution. This Special Issue of the *Journal of Developmental Biology* will highlight emerging model organisms that are breaking new ground in the study of development and disease. These species may include multicellular animals and fungi, as well as unicellular microorganisms such as bacteria, archaea, and protists. Contributions can be research articles, reviews, and communications papers. Manuscripts reporting truly new model organisms that may not be familiar to most developmental biologists, and whose genomes have yet to be sequenced, are particularly encouraged.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Simon J. Conway

Herman B Wells Center for
Pediatric Research, 1044 West
Walnut Street, Indiana University
School of Medicine, Indianapolis,
IN 46202, USA

Message from the Editor-in-Chief

The *Journal of Developmental Biology* (JDB) publishes original research papers and timely reviews. Our primary aim is to provide a platform for the publication of studies on the development of multicellular organisms efficiently and professionally; papers undergo a fast, yet thorough, peer-review process. JDB is an open access journal and accepted contributions are published immediately online, providing unlimited access to the scientific community and general public. We look forward to receiving your contribution to our journal and to working with fellow researchers.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, ESCI (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (Developmental Biology) / CiteScore - Q2 (Developmental Biology)

Contact Us

Journal of Developmental Biology
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/jdb
jdb@mdpi.com
[X@JDBMDPI](https://twitter.com/JDBMDPI)