



## ***Caenorhabditis elegans* – a Model for Understanding Development and Disease**

Guest Editors:

**Dr. Ann K. Corsi**

Professor, Biology Department,  
The Catholic University of  
America, Washington, DC 20064,  
USA

**Dr. Andy Golden**

National Institute of Diabetes  
and Digestive and Kidney  
Diseases (NIDDK), Bethesda, MD,  
USA

Deadline for manuscript  
submissions:

**closed (20 November 2023)**

### **Message from the Guest Editors**

In the intervening time since Sydney Brenner published his seminal paper on isolating the first *Caenorhabditis elegans* mutants, this tiny nematode has greatly contributed to our understanding of eukaryotic biology. In this Special Issue, we will highlight the many ways *C. elegans* continues to advance our understanding of development and disease with original research and up-to-date reviews, including a primer directed at general audiences, particularly students, for using *C. elegans* to understand mechanisms of human disease pathology. We plan to emphasize examples of how human genetic diseases can be modeled in *C. elegans*. Characterization of mutant phenotypes at the cellular and molecular levels can help to identify the role conserved genes play in cell biology and development. Modifier screens can then be performed to learn more about a given biological process and possibly identify potential targets for future therapies in humans.

Manuscripts may be submitted from now until 31 October 2022, as papers will be published on an ongoing basis. We welcome your contributions and look forward to highlighting your work.





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.

**Rapid Publication:** manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.1 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the second half of 2023).

## Contact Us

*Journal of Developmental Biology*  
Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

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