

Special Issue

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

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.

Guest Editors

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Deadline for manuscript submissions

closed (20 November 2023)



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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.

Editor-in-Chief

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