

## Special Issue

# Mechanisms of Morphogenesis, Degeneration, and Regeneration

### Message from the Guest Editors

This Special Issue focuses on the mechanisms of morphogenesis, degeneration, and regeneration, soliciting the latest research findings at the molecular, cellular, and tissue levels that control morphogenesis, tissue/organ degeneration, and regenerative processes in biological development. We welcome studies elucidating how these processes are regulated and interrelated across diverse contexts, including development, physiology, aging, disease, and tissue repair. This theme covers research including, but not limited to, the following:

- Molecular and cellular mechanisms of morphogenesis during development;
- Mechanisms of tissue and organ degeneration and aging;
- Signaling pathways controlling regeneration and repair processes;
- Morphogenesis and regeneration studies using model organisms;
- Applied research for disease and regenerative medicine;
- Integrating mechanisms to organize tissue and organs through cell–cell interactions.

We seek the latest research findings on molecular, cellular, and tissue-level mechanisms that regulates morphogenesis, tissue and organ degeneration, and regeneration processes in biological development.

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### Guest Editors

Dr. Tsutomu Nohno  
Prof. Dr. Hideyo Ohuchi  
Prof. Dr. Naoyuki Wada

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### Deadline for manuscript submissions

16 April 2027



## Journal of Developmental Biology

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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Simon J. Conway

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