

## Special Issue

# Molecular Genetics of *Drosophila* Development

### Message from the Guest Editor

For more than a century, *Drosophila* has been used by researchers to establish links between individual genes and their functions in developmental physiological processes. The functions of many genes have been linked to each other, leading to the description of the gene cascades that control development: Hippo, Notch, Hedgehog, Wnt/Wingless, ecdysone cascade, etc. At present, the vast amount of data generated by high-throughput methods challenges our approaches to describing the gene networks that drive development. Although Modern technical approaches make it possible to test the novel hypotheses on the work of *Drosophila* developmental genes at a deeper level than ever before, and the mechanisms of developmental genes regulation should also be experimentally verified at a new technical level. The aim of this Special Issue is to collect manuscripts describing both old and new genetic circuits, as well as individual genes that drive the *Drosophila* development.

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### Guest Editor

Dr. Nadezhda Vorobyeva

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### Deadline for manuscript submissions

closed (15 May 2024)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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