

Special Issue

Energy Metabolism, Genetics and Development in *Drosophila*

Message from the Guest Editor

Drosophila has been a key model organism in biological research for over a century, contributing to fundamental studies in genetics, developmental biology, energy metabolism, and more. Energy metabolism, a critical process related to development, is closely regulated in *Drosophila* and shares remarkable similarities with higher organisms, including humans. In this Special Issue, entitled “Energy Metabolism, Genetics and Development in *Drosophila*,” we will present innovative research that explores the fascinating relationships among energy metabolism, genetic regulation, and developmental processes in *Drosophila*. We welcome original research articles and reviews that address the interplay among energy metabolism, genetics, and development in *Drosophila*. The scope of this Special Issue includes, but is not limited to, the following topics: Molecular mechanisms of metabolic regulation in *Drosophila* development; Genetic and epigenetic control of energy metabolism; Signaling pathways in growth and development; Non-coding RNAs in metabolism and development; *Drosophila* models for studying metabolic diseases.

Guest Editor

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Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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