

Special Issue

Research on Insect Molecular Biology

Message from the Guest Editors

Molecular biology techniques are indispensable in entomology for comprehending various insect behavioral mechanisms. Advancements in molecular biology have facilitated the investigation of gene structure, the regulation of gene expression, protein localization, function, activity, and interactions, in addition to the impact of mutations on gene/protein function. These studies have helped elucidate evolutionary processes, ecological dynamics, population genetics, physiological functions, reproductive strategies, and communication and interaction patterns within and between insect populations. This Special Issue invites research employing molecular biology methodologies across various areas of insect studies. We welcome original research articles and comprehensive review papers that focus on insect behavior, physiology, endocrinology, genomics, and proteomics or utilize both fundamental and advanced molecular biology approaches. All submissions meeting these criteria will be considered for publication in this Special Issue.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Arthropods are a diverse and abundant group of animals that are important to a variety of research dictates. For example, hexapods act as bio-indicators of ecosystem function and pest status and serve as model systems for questions concerning physiology, embryology, genetics, and social interaction. The editorial board and staff at *Insects* is committed to providing contributors an open access forum to showcase objective and innovative research as well as succinct review articles. Our journal is dedicated to providing timely and thorough review of qualified submissions and we welcome you to submit a contribution.

Editor-in-Chief

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Author Benefits

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).