

Special Issue

Insect Genomics

Message from the Guest Editors

Advances in genome sequencing have made scientific infrastructure previously reserved for model organisms available to the broader entomology community. Large-scale coordinated sequencing projects, such as the i5k pilot project, have increased the taxonomic breadth of insect draft genomes, and newer initiatives under the Earth BioGenome Project, such as Ag100Pest and Darwin Tree of Life, promise reference-quality genomes at an unprecedented scale. Rapid improvements in long-read sequencing technology, assembly methods and genome annotation in addition to new databases have improved accessibility. This special issue on insect genomics will highlight how whole genome assemblies and transcriptomes increase our understanding of the biology, physiology and behavior of this most diverse class of animals.

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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.

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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 19.7 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2026).