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Novel Omics Studies of Insects

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Deadline for manuscript
submissions:

closed (15 June 2022)

Message from the Guest Editor

Sufficient food production for a growing human population has become an issue of global concern. Insects are successful in terms of both species richness and abundance, as they are the most abundant organisms on Earth, representing about 66% of all animal species, forming an important part of every ecosystem, and they are also vital within our food supply chains, where they perform valuable ecosystem services. With the rapid development of omics technology, genomics, metabolomics, and proteomics have been widely used to dissect new biology in a variety of insect species to better control harmful insects and use beneficial insects such as honeybees and silkworm. This Special Issue on “Novel Omics Studies of Insects” in *Genes* aims to disseminate the latest novel findings in the study of insects utilizing omics technology.



mdpi.com/si/99449

Special Issue



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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

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