Special Issue

Research on Insect Interactions with Symbionts and Pathogens

Message from the Guest Editors

Insects can be affected by different pathogens grouped in viruses, bacteria, fungi, and nematodes. Complex mechanisms regulate the interactions between insects and non-self agents, where the insect immune system and the insect microbiota (including symbionts) counteract the infection. Improvements on the current knowledge within this field will be useful to comprehend how to optimize the use of different biotic agents for the fight against pest species, while simultaneously providing further information regarding the immune response of beneficial insects to a possible infection. Therefore, this Special Issue of *Insects* aims to explore the interactions between insects and pathogens. Papers including original research and/or review articles related to the insect immune response to non-self agents, as well as to the involvement of insect symbionts in the fight against pathogens, are welcome.

Guest Editors

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Deadline for manuscript submissions

closed (30 November 2024)

Insects

an Open Access Journal by MDPI

Impact Factor 2.9
CiteScore 5.6
Indexed in PubMed

mdpi.com/si/182494

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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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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).