

Special Issue

Insect Hormones, Metabolism, Immunity and Development

Message from the Guest Editors

Insect physiology is a broad field of research that deals with various aspects of insect life. A number of investigations based on different experimental approaches aim to reveal the complex mechanisms underlying insect fitness, development and metabolism, as well as their adaptations to unfavorable environmental conditions. The study of such mechanisms and the relevant molecules as well as the interplay between them is now regarded as one of the main areas of research in the insect science. We are pleased to invite you to contribute with original research articles or reviews to the Special Issue of MDPI *Insects* entitled "Insect Hormones, Metabolism, Immunity and Development". This Special Issue aims to bring together up-to-date research information on the endocrinology and immunity of insects in different biological contexts including (but not limited to) hormonal control of development, metabolic changes and behaviors affecting reproduction, as well as resistance to various biotic and abiotic stresses. All contributions related to the mechanisms of hormone action and immune defense of various insect taxa are of interest.

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).