Special Issue

Taxonomy and Biology of Parasitoids and Potential for Their Biological Control

Message from the Guest Editor

Reliable taxonomy is the basis for meaningful biological research, but its importance is often underestimated in the modern world. In particular, there are considerable gaps in our knowledge of the taxonomy and biology of parasitoids, even though they play a crucial role in ecosystems and are irreplaceable for biological pest control. The effective use of parasitoids for biological control requires in-depth taxonomic knowledge, as accurate species identification is essential for understanding host specificity, distribution and ecological interactions. This Special Issue brings together original research papers and comprehensive review articles dealing with the taxonomy and biology of parasitoids, from morphological and molecular approaches to studies of their ecology, behavior and life cycles. In addition, this collection will explore innovative strategies to improve their biocontrol potential based on the present accumulated knowledge. By filling these knowledge gaps, we aim to promote a greater understanding of the role of taxonomy and advance sustainable pest control methods.

Guest Editor

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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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