# **Special Issue**

# The Efficacy of Insecticides and Botanicals Against Pests—2nd Edition

## Message from the Guest Editor

Chemical control is the dominant method utilized in IPM programs and is designed to reduce insect populations. Given the success of the previous Special Issue, entitled "The Efficacy of Insecticides and Botanicals Against Pests", we are pleased to launch a second edition on the same topic, covering agricultural, silvicultural, and vetereinary and medical pest control to establish management strategies for insect populations. This Special Issue is dedicated to the insecticide efficacy of synthetic and natural molecules (e.g., chemical insecticides, plant extracts, essential oils, and bacterial and fungal metabolites). Research efforts shedding light on their evaluation in the field, their modes of action, the behavioral changes they result in at sublethal doses, and their non-target effects are all welcomed. Research items may include natural products, studies of modes of action, and insecticide toxicology and biochemistry. Original research articles and reviews are welcome. We look forward to receiving your contributions.

#### **Guest Editor**

Prof. Dr. Luis Carlos Martinez

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#### Deadline for manuscript submissions

closed (31 October 2025)



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# **About the Journal**

## Message from the Editor-in-Chief

#### Editor-in-Chief

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#### **Author Benefits**

## **High Visibility:**

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, and other databases.

### **Journal Rank:**

JCR - Q1 (Entomology) / CiteScore - Q1 (Insect Science)

## **Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.1 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).

