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The Efficacy of Insecticides and Botanicals against Pests

Guest Editors:

Dr. Luis Carlos Martínez

Department of General Biology,
Federal University of Viçosa,
Viçosa 36570000, MG, Brazil

Dr. Angélica Plata-Rueda

Department of Entomology,
Federal University of Viçosa,
Viçosa 36570000, MG, Brazil

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Message from the Guest Editors

Dear Colleagues,

For decades, many advances have been made in preventive and curative measures based on natural or synthetic molecules causing lethal and sublethal effects on insects. Chemical control continues to be a fundamental part of agricultural, forestry, medical-veterinary, and urban pests. We are pleased to invite you to a Special Issue of *Insects*, titled “The Efficacy of Insecticides and Botanicals against Pests”. This Special Issue aims to publish advances in the use of natural/synthetic insecticides, showing their effectiveness in pest control and incorporation into IPM programs. In particular, the present Special Issue is dedicated to the efficacy of insecticide with synthetic and natural molecules (e.g., chemical insecticides, plant extracts, essential oils, bacterial and fungal metabolites). Research efforts shedding light on their field evaluation, modes of action, behavioral changes at sublethal amounts, and effects on non-targets are welcomed. Research items may include the following: natural products, studies modes of action, and insecticide toxicology and biochemistry. Original research articles and reviews are welcome.



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Special Issue