# **Special Issue**

# Biorational Plant- and Microbial-Based Products for Controlling Neotropical Pests

# Message from the Guest Editors

Plant-derived biorational products have re-emerged as an eco-friendly approach for controlling pests in agriculture and animal health. Indigenous communities historically utilized products such as pyrethrum, nicotine and rotenone. Synthetic pesticides inspired by these substances have effectively controlled pests. This Special Issue provides a historical overview of synthetic pesticides derived from plants, emphasizing the growing importance of neotropical flora in developing eco-friendly alternatives for major pests in the region. Cutting-edge research explores the secondary metabolism of plants as a source of bioactive compounds, with a focus on neotropical flora. Solicited papers for this Special Issue include biorational pest control, botanical pesticides, sustainable pest management, alternative pest control, biorational control of diseases, pesticide development, nanoproducts and formulations, molecular and physiological basis for modes of action/selectivity, and unintended effects on non-target organisms of biorational pesticides.

### **Guest Editors**

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# Deadline for manuscript submissions

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### Editor-in-Chief

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