



insects



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Integrated Management of Public Health Pests

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Message from the Guest Editors

Contagious diseases transmitted by arthropods are of increasing concern around the globe. Numerous arthropod species play a major role as vectors of pathogens (e.g., malaria, dengue, Zika virus, lymphatic filariasis, Lyme disease, etc.). The lack of effective management tools against these organisms and the resistance they have developed against several active ingredients have caused their eruptive proliferation in urban, suburban and natural ecosystems. Therefore, the need for new control measures is both imperative and challenging. Deep knowledge of the biology, ecology and behavior of hazardous arthropod organisms of importance to public health may contribute towards their effective management. The current Special Issue includes international communications of the most recent research results on the management of arthropods related to public health, using synthetic insecticides, biological control agents, novel active ingredients, genetic control, botanical substances, essential oils (EOs), and EO-based nanoemulsions, which exhibit a low toxicity profile, alone or in combination.



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Special Issue