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## Efficacy of Household and Agricultural Insecticides

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Deadline for manuscript  
submissions:

**closed (31 May 2021)**

### Message from the Guest Editor

Dear Colleagues,

Over the last couple of decades, we have been dedicating a large amount of attention and efforts to screening new and safer alternatives of synthetic insecticides to deal with the rapid increase of insecticide resistance by the insect pests in agricultural and public environments.

Commercial insecticidal products consist of many other inert substances, and sometimes, those ‘inert’ materials can either show some effects on target insects or interact with the active ingredients. For example, hydrocarbon-based solvents in household aerosol insecticides can have a physical effect on mosquitoes by disrupting their flight and respiration, which also can be applied to resistant strains. On top of this, solvents may lower the surface tension of the pyrethroid insecticides to assist their cuticular penetration.

In this Special Issue, we’d like to invite leading research entomologists and formulation scientists to extend our knowledge on efficacy of insecticidal products in lab- and field-scale trials. Moreover, reviews on efficacy test guidelines are also welcome.



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**Special** Issue



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## Editor-in-Chief

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## 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.

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