

Special Issue on
Insecticide Resistance in Vectors of Pathogens

CALL FOR PAPERS

The use of insecticides is one of the main tools employed against pathogens vectors by governmental campaigns, private companies, and households. The intense use of these chemicals, however, has been selecting resistant populations of several arthropod species all around the world. Insecticide resistance is nowadays claimed as one of the main threats to the control of arthropod vectors of pathogens, especially mosquitoes. Although new strategies of vector control are currently being tested under field conditions, the use of insecticides will remain with an important role in the near future at least. In this sense, the knowledge of processes leading to resistance is crucial to try to revert the resistant status of natural populations, avoiding resistance to new compounds and maintaining this strategy as an effective alternative of arthropod control.

The purpose of this special issues is to contribute to the publication of high-quality research papers, reviews, addressing recent advances on insecticide resistance in vectors of disease pathogens. Original, high-quality contributions that are not yet published or that are not under review by other journals or peer-reviewed conferences are sought.

Potential topics include but are not limited to the following:

- ▶ Monitoring of insecticide susceptibility/resistance status in the field
- ▶ Unrevealing mechanisms selected for insecticide resistance
- ▶ Laboratory selection pressure for insecticide resistance studies
- ▶ Tests of new insecticides
- ▶ Alternative tools for evaluating insecticide resistance
- ▶ Description of national wide or interregional network programs for insecticide resistance monitoring or advisory

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/bmri/parasitology/irvp/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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Submission Deadline

Friday, 16 February 2018

Publication Date

July 2018