



insects



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Insecticides for Mosquito Control: Strengthening the Evidence Base

Guest Editor:

Dr. Rosemary S. Lees

Vector Biology Department,
Liverpool School of Tropical
Medicine, Liverpool L3 5QA, UK

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Message from the Guest Editor

Dear Colleagues,

The eradication of vector-borne diseases is threatened by the limited range of available insecticides, leading, inevitably, to the development of resistance. This is particularly concerning for malaria control, which relies heavily on insecticide-treated nets (ITNs) and indoor residual sprays (IRS). New chemistries are being developed, and innovative deployment of insecticides may play a role in overcoming resistance, either through new types of tools or new means of distribution. Novel approaches should be supported by robust data collected using appropriate and validated methods to monitor efficacy, durability, and any emerging resistance. A strong evidence base will guide effective operational deployment decisions. This Special Issue aims to highlight our developing understanding of the impacts of insecticide resistance, share learnings about how data can inform more effective use of new and existing tools to maintain an effective vector control toolbox, and describe efforts to develop and validate methods in this area.

Dr. Rosemary S. Lees

Guest Editor



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Special Issue



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Editor-in-Chief

Prof. Dr. Brian T. Forschler

Department of Entomology,
University of Georgia, 413
Biological Sciences Building,
Athens, GA 30602-2603, USA

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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Contact Us

Insects Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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