

## Special Issue

# New Trends in Vector and Pest Control: The Search for Safer and Greener Chemicals

### Message from the Guest Editor

Arthropod vectors are harmful to human well-being because they can potentially transmit pathogens to humans, livestock and plants, with vector-borne pathogens being directly or indirectly responsible for millions of human deaths every year. Although vector management has long relied on natural and synthetic insecticides, awareness of their toxicological and ecotoxicological effects is rather new, as is the search for innovative strategies to overcome the problems of resistance that result from their intensive use. This implies the development and use of control strategies that involve using fewer amounts of insecticides (e.g., autodissemination) as well as acquiring a better knowledge of their sublethal effects and behavior in situ. This also implies the discovery of new insecticides with fewer adverse effects on humans and the environment. This search for new insecticides and new targets can be carried out conventionally or by QSAR modeling and other in silico techniques.

### Guest Editor

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### Deadline for manuscript submissions

closed (27 September 2024)



## Toxics

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## About the Journal

### Message from the Editor-in-Chief

*Toxics* (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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