

Special Issue

Population Genetics of Mosquitoes

Message from the Guest Editor

We are open for submissions for a Special Issue of *Insects* dedicated to advancing our understanding of mosquito population genetics—a cornerstone of vector control, evolutionary ecology, and emerging genetic technologies. This Special Issue will include original research, reviews, and perspectives that explore topics such as the following:

- Gene flow, hybridization, introgression, and speciation;
- Genetic control, including SIT, gene drive strategies, and resistance evolution;
- Integrative approaches combining genomics, modeling, and field data.

Contributions that bridge ecological, ethical, and translational dimensions are especially welcome. Basic and applied population genetics has shaped and will continue to shape our understanding of mosquito biology and the control of the human and animal diseases that they transmit. We warmly invite you and your colleagues to contribute to this project.

Guest Editor

Prof. Dr. Gregory C. Lanzaro

Vector Genetics Lab, Department of Pathology, Microbiology & Immunology, School of Veterinary Medicine, University of California, Davis, CA 95616, USA

Deadline for manuscript submissions

8 June 2026



Insects

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.6
Indexed in PubMed



mdpi.com/si/254548

Insects
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
insects@mdpi.com

[mdpi.com/journal/
insects](https://mdpi.com/journal/insects)





Insects

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.6
Indexed in PubMed



[mdpi.com/journal/
insects](https://mdpi.com/journal/insects)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Brian T. Forschler

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, GEOBASE, PubAg, and other databases.

Journal Rank:

JCR - Q1 (Entomology) / CiteScore - Q1 (Insect Science)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).