

Special Issue

A Commemorative Issue in Appreciation of Professor David L. Denlinger: Great Advances in Insect Physiology

Message from the Guest Editors

The study of insect physiology allows us to explore the complex mechanisms underlying their amazing adaptive power. The study of the physiological systems involved in pest and disease vectoring insects can lead to new ways to control these insects. In the Special Issue, we recognize the immense contributions that Dr. David Denlinger has made across various topics in the field of insect physiology during his amazing career. Dave's passion for insects began as a child and guided him to study fundamental physiological questions such as "How can an insect survive in extreme cold of the Antarctic? How does a fly lactate and give birth?". In the process of investigating these questions, Dave has inspired, trained, and boosted the careers of many other insect physiologists who have gone on to make amazing discoveries of their own. This issue highlights papers from researchers (many of whom trained under Dave) who pursue topics such as viviparity, diapause, cold tolerance, circadian rhythms, and expand upon the foundational knowledge and systems established by Dave's research.

Guest Editors

Dr. Geoffrey M. Attardo
Prof. Dr. Serap Aksoy
Dr. Joshua B. Benoit

Deadline for manuscript submissions

closed (30 April 2024)



Insects

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.6
Indexed in PubMed



mdpi.com/si/108386

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).