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

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Deadline for manuscript submissions:
closed (30 April 2024)

Message from the Guest Editors

Dear Colleagues,

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.

Dr. Geoffrey M. Attardo
Prof. Dr. Serap Aksoy
Guest Editors

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Editor-in-Chief

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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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