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

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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