

Special Issue

Spider Behavior and Physiology

Message from the Guest Editor

Spiders represent the largest and most diverse and important Order, Araneae, within the Class Arachnida. They initially attracted the attention of researchers for a range of reasons, including silk and venom production. This group has achieved great adaptive diversity, inhabiting almost all environments accessible to life. Their remarkable diversity is due to, among other factors, their plasticity, from both physiological and behavioral perspectives. Understanding how the molecular mechanisms behind different systems function, how internal homeostasis is maintained, and how spiders respond to environmental changes is of great importance. Additionally, behaviors such as foraging, predator avoidance, territory defense, and communication among conspecifics influence their survival, environmental adaptation, and reproduction. This Special Issue will present outstanding studies on spider physiology and behavior across all relevant disciplines, including original research articles, reviews, and short communications. We are pleased to invite submissions for this Special Issue of *Insects* titled “Spider Behavior and Physiology”.

Guest Editor

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Message from the Editor-in-Chief

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is
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submission; acceptance to publication is undertaken in 2.9
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the first half of 2025).