Special Issue

Feeding Organs in Hexapoda

Message from the Guest Editor

The feeding organs of Hexapoda are complex and show an enormous diversity, shaped by evolution to optimize the uptake and processing of different kinds of food. Mouthparts have been well studied to date; however, many taxa still lack basic research, and novel study techniques provide an opportunity to improve our knowledge through already well-investigated examples. Additional components of the feeding apparatus are less studied, and detailed information is missing to understand how Hexapoda take up food and ingest it into the alimentary tract. This Special Issue will address original studies on feeding organs across all taxa of Hexapoda. All topics are welcome that focus on morphology, function, as well as ecological and evolutionary aspects; comparative approaches are also encouraged. Review articles are especially welcome that cover new points of view, less studied aspects or so-far neglected taxa. The purpose of this issue is to publish basic and applied studies using recent methods and to outline future avenues of research of insect feeding.

Guest Editor

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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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