

Topical Collection

Insect Symbionts: Evolution and Application

Message from the Collection Editor

Microbes are ubiquitous in insects and have important consequences for their host's nutrition, behavior, and ecology. The consequences of the symbiont–host association encompass a continuum from beneficial effects, providing their hosts essential nutrients or protecting against pathogens and natural enemies to parasitism, influencing the reproduction of their host bacteria and, therefore, are an important factor influencing the ecology and evolution of their insect hosts. Consequently, they represent an important novel tool to control insect pests. This Special Issue will focus on the diversity and consequences of symbionts in various insect species including potential strategies involving their application to combat insect pests. We welcome submissions covering the whole spectrum of insect–symbiont interaction, such as occurrence and diversity of insect symbionts, symbiont-induced host evolution, symbiont evolution within insects, and the usage of symbionts to combat insect pests.

Collection Editor

Dr. Hannes Schuler

Faculty of Science and Technology, Free University of Bozen-Bolzano,
Universitätsplatz 5, 39100 Bozen-Bolzano, Italy



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Insects
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
insects@mdpi.com

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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

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