



insects



an Open Access Journal by MDPI

Insect Symbionts: Evolution and Application

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Message from the Collection Editor

Dear Colleagues,

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.

Dr. Hannes Schuler
Collection Editor



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Topical Collection