

Special Issue

Microbial-Based Solutions for Pest Management

Message from the Guest Editor

Historically, several approaches have been successfully followed to protect crops, but not without having deleterious side effects on the environment, posing health risks to operators, contaminating food and water, and causing undesirable consequences on non-target organisms (such as natural predators, parasites, and pollinators). This is particularly the case of various plant protection products (PPPs) based on synthetic chemicals. In the search for sustainable alternatives, recent technological advancements and the discovery of new active substances with less environmental impact have characterized current research trends, and bio-based solutions for pest management have been developed. These include a variety of plant and microbial-derived bioactive substances. This Special Issue aims to collect original scientific work on the development and application of promising bio-solutions for the management of crop pests with a specific focus on microbial entomopathogens (bacteria, viruses, fungi, and nematodes) and their derived products.

Guest Editor

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