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Black Soldier Fly Production and Applications

Guest Editor:

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Deadline for manuscript submissions:
closed (30 June 2020)

Message from the Guest Editor

The rising world population is placing great demands for sustainability in food production, both in reducing the input costs and proper management of pre- and post-consumer waste. What if one could solve all these problems with one solution? Enter the black soldier fly, *Hermetia illucens*, whose larvae can consume a vast variety of organic wastes and convert them into a nutritious insect biomass suitable as animal feed. Able to close nutrient loops by recycling the wastes of food production back into the food cycle, the black soldier fly shows great potential for development. As black soldier fly farms spring up worldwide, the species is poised to join honeybees and silkworms as the most widely domesticated insects in agriculture.

Original manuscripts that address any aspects of black soldier fly biology, production, and application are invited for this Special Issue. Topics such as farming and rearing technology and design, adult mating behavior, digestive physiology, waste elimination rates, effects on larvae of chemicals, microbiology, safety, nutrition and effects on animals when used as feed, carbon footprint, larval processing technology, and legal issues are welcome.

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Message from the Editor-in-Chief

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