



animals



an Open Access Journal by MDPI

Black Soldier Fly Production and Applications

Guest Editor:

Dr. Matan Shelomi

Department of Entomology,
National Taiwan University,
Taipei, Taiwan

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.



mdpi.com/si/32306

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

1. Institute of Veterinary Medicine
and Animal Sciences, Estonian
University of Life Sciences,
Kreutzwaldi 1, 51014 Tartu,
Estonia
2. Curtin University Sustainability
Policy (CUSP) Institute, Kent St.,
Bentley 6102, Australia

Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 3.0 (2022, ranks 12 /62 (Q1) in ‘Agriculture, Dairy & Animal Science’; 13/143 (Q1) in ‘Veterinary Sciences’), 5-Year Impact Factor: 3.2.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PubAg, AGRIS, Animal Science Database, CAB Abstracts, and other databases.

Journal Rank: JCR - Q1 (*Veterinary Sciences*) / CiteScore - Q1 (*General Veterinary*)

Contact Us

Animals Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/animals
animals@mdpi.com
[X@Animals_MDPI](https://twitter.com/Animals_MDPI)