Special Issue

Insect Rearing: Reserve Forces with Commercial and Ecological Values

Message from the Guest Editors

Insect rearing is a well-established practice for various purposes. Insects are farmed for the biological control of pests and weeds, for sterile insect technique (SIT) programs, as an innovative source of food and feed, to obtain several valuable products (e.g., honey, silk, chitin, enzymes, or antimicrobial peptides), and as model organisms in medical studies. Moreover, insect rearing is a key step on the path to improve sustainability and to maximize the exploitation of resources from a circular economy perspective. Indeed, insect-based bioconversion represents an economically viable solution for food waste management. This Special Issue aims to encourage scientists to publish results related to new aspects of insect rearing such as improvements in breeding techniques, innovative applications of insect products (e.g., chitin, enzymes, or antimicrobial peptides) and insect farm waste (i.e., frass), diseases, and the preservation of insect health on insect farms. Other particular aspects related to insect rearing could be also considered. Both original research articles and reviews will be considered for publication.

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Message from the Editor-in-Chief

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.1 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).