



*insects*



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## Enzymatic Investigations in Insect Research

Guest Editor:

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submissions:

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### Message from the Guest Editor

Insects have a simplified division of organs, therefore, macromolecules such as enzymes play an important role in certain metabolic processes such as in the immune system, antioxidant system, digestion, and storage of harvested food. Insect enzymes may undergo a change in their activity as a result of the presence of pathogens, the administration of artificial diets, or the presence of toxic substances/pesticides. The aim of this Special Issue is to encourage scientists to publish results related to the insect's biology, physiology, behavior, and management, as well as their interactions with human societies, plants, and ecosystem services, using enzymatic activity as a parameter indicative of the physiology or the wellness of the insect. Researchers are invited to publish on themes of the immune system, antioxidant system, artificial diet effects, pathogen or pesticide effects, the environment–insect relationship read from an enzymatic perspective, insect digestion, fly, collection and storage of food, reproduction, nesting, and all other topics related to the involvement of enzymes in the physiological or pathological conditions of insects.



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