

## Special Issue

# Oxidative Stress Response in a Wide Variety of Insect Species

### Message from the Guest Editor

Insects include over one million species worldwide. This implies that insects have been able to expand their habitats on earth and that they adapt well to their environmental conditions. Therefore, we can find insects anytime and anywhere in the world. Moreover, insects are exposed to a variety of environmental stresses in nature. These environmental stressors cause the production of reactive oxygen species (ROS). Each insect differs in its morphology, size, food habits, and resistance to environmental changes, and is, therefore, expected to respond differently to oxidative stress. Thus, insects should exhibit diverse strategies against this type of stress. I expect that the study of the oxidative stress response in the various insect species will lead to the elucidation of the environmental adaptation ability that was acquired by insects during evolution. Therefore, the study of the mechanism underlying the oxidative stress response in various insect species is warranted. I speculate that each insect species possesses a specific system dedicated to resistance against ROS. I invite research and review papers related to oxidative stress response in diverse insect species.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 July 2021)



## Antioxidants

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## About the Journal

### Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of “oxidative stress” a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

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### Editor-in-Chief

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