# **Special Issue**

## Scavenging and Utilisation of Reactive Oxygen Species (ROS) in Horticultural Crops

## Message from the Guest Editors

Reactive oxygen species (ROS), e.g., ozone, H2O2, used in various areas of science and industry, are an effective tool for influencing chemical and biological processes. Agriculture has shown a trend of moving away from chemical compounds, the use of which carries negative consequences, in favour of those that are safe for both the environment and consumers. ROS use can contribute to environmental protection due to the fact that they do not leave residues, a problem associated with other, more complex chemical compounds. Included in this Special Issue are studies that analyse the use of ROS in horticultural crops with the aim of protecting plants from pests and diseases, improving their physiology, studying their response at the cellular level, increasing yields, and extending the shelf life of crops. At the same time, this Special Issue seeks to reduce the use of products with a negative impact on the environment. This Special Issue focuses on scientific advances in agricultural tools within the scope of sustainable development.

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#### Deadline for manuscript submissions

1 October 2025



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