

## Special Issue

# Hormone Signaling and Regulation in Cultivated Plants

### Message from the Guest Editor

Plant hormones are naturally occurring molecules responsible for many aspects of plant growth and development, and play critical roles in response to biotic and abiotic stressors, such as pests, diseases, drought, salinity, nutrient imbalances, and extreme temperatures. Although hormones are naturally occurring in plants, some specific hormones can be also synthetically produced for exogenous application to crops. The ways in which crop plants generate, transport, and regulate both the local and long-distance hormone-based chemical signals that influence plant growth and production are important research targets. This Special Issue is intended to present novel research on the role of plant hormones in crop physiology, and yield and stress responses. In particular, submissions will be invited on the following topics (other related topics can be also accepted): (1) hormone signaling in crop plants, (2) hormone regulation of crop plant growth and production, (3) influence of plant hormones on crop plant tolerance to biotic and abiotic stresses, and (4) exogenous hormone applications and hormone-based biostimulants to improve crop plant physiology and yield.

### Guest Editor

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### Deadline for manuscript submissions

closed (15 October 2020)



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