



Phytohormones in Vegetable Reproductive Development under Abiotic Stress

Guest Editor:

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Message from the Guest Editor

Abiotic stress prevents crops, in general, and vegetable crops, in particular, from reaching their yield potential, becoming the primary threat to agriculture production. Hormones are signaling molecules that participate in the control of plant growth and development. Over the recent years, our understanding of cellular hormone homeostasis and hormone signaling-related molecular mechanisms has massively improved. However, we are still far from having a comprehensive picture of phytohormones' complex molecular interactions in the reproductive developmental process of vegetable crops. Furthermore, we still lack an understanding of the role of phytohormones during reproductive development, gametogenesis, and embryogenesis under abiotic stress conditions.

The Special Issue will focus on understanding the role of plant hormones in the following reproductive process: stamen and carpel development, gametogenesis (female and male), pollination, pollen pistil interaction, fertilization, embryogenesis, fruit development, and other related processes.





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Message from the Editor-in-Chief

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