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Epigenetic Modifications Associated with Temperature Stresses

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Message from the Guest Editor

Dear Colleagues,

Epigenetics refers to the heritable alterations in gene expression that may lead to a variation in the phenotype without a change in the DNA sequence. Molecular events in epigenetics take place naturally in cells but are also affected by environmental conditions, such as heat, cold, drought, and pathogen infections. In particular, heat and cold greatly affect plant growth and development. Research in recent years has revealed that epigenetic modification plays a key role in plants' response to temperature stress.

This Special Issue focuses on recent progress in the epigenetic control of temperature responses, including cold and heat responses in plants. Further research perspectives will also be discussed. We invite you to submit an original scientific report, a review article, or a commentary or perspective piece on this topic.

Prof. Tamas Dalmay

Guest Editor



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