

Special Issue

Epigenetic Modifications Associated with Temperature Stresses

Message from the Guest Editor

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.

Guest Editor

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A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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