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Genetic Regulation of Plant Growth and Protection

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The growth and development of plants are under strict genetic regulation. Although also influenced by a wide range of abiotic and biotic stresses, plants have evolved complex defense mechanisms. In recent decades, significant progress has been made in research on the genetic regulation of plant growth and protection, depending on the rapid development of plant genomics and genetics, as well as the modern biotechnologies. This Special Issue of *IJMS*, “Genetic Regulation of Plant Growth and Protection”, is dedicated to publishing cutting-edge research elucidating the genetic regulatory mechanisms that govern plant growth and responses to diverse stresses. The Reprint serves as a focused reference for researchers seeking to explore genetic strategies for enhancing crop productivity and sustainability.

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