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Altri autori (Persone)	AhammedGolam Jalal
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Sommario/riassunto	This edited book compiles multifaceted functions of melatonin in plant growth, development, and stress response. The main focus of the book is to address the recent most developments in the arena of melatonin-mediated regulation of stress tolerance. Plants are continuously challenged by both biotic and abiotic stressors, which have negative impacts on growth and development. Stimulation of exogenous cues and endogenous signals can help plants to better withstand biotic and abiotic stresses. Melatonin is an important biologically active compound that acts as a multifunctional signaling molecule and regulates key physiological and biochemical processes. Currently, researchers all over the globe have been exploring the in-depth mechanisms of melatonin-modulated regulation of plant biology using

various advanced molecular techniques. These recent advancements in melatonin research have possible applications in plant stress management as well as developing stress-tolerant crop varieties. This book is of interest to university teachers, researchers, plant scientists, industry professionals, and policymakers on a global scale. It also serves as a reading material for undergraduate and graduate students of agriculture, forestry, plant biology, and environmental sciences.
