

Special Issue

Plant Biotic and Abiotic Stresses 2024

Message from the Guest Editors

Global food production and the concomitant human survival significantly rely on crop stress resistance. Both biotic and abiotic stresses, exacerbated by climate change, represent substantial constraints on worldwide agricultural output. Employing different agricultural formulations based on biostimulants that enhance tolerance mechanisms to stress emerges as a promising strategy to address this looming threat. Such formulations, from phytohormones to antioxidants, have the potential to enhance plant resilience to stress through osmotic adjustment, antioxidant response stimulation, or immunity activation, among other processes. The development of novel strategies in plant management to enhance both biotic and abiotic stresses is essential to mitigate production losses and augment crop resilience against diverse stressors. This Special Issue of *Life*, entitled “Plant Biotic and Abiotic Stresses”, aims to compile original research articles and review papers regarding this matter.

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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