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Herbicide Mechanisms of Action and Resistance

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Message from the Guest Editor

Herbicides are and have been the most important tool to control weeds around the world, representing a highly efficient approach for weed management. The repetitive use of these chemicals, however, can lead to the evolution of herbicide resistance, posing a major threat for global agriculture and food production. Therefore, elucidating the mechanisms of herbicide resistance has become crucial to create alternative tools to assist weed management, such as molecular markers, resistance breakers, resistant crops, population genetics, and others.

This Special Issue focuses on the herbicide mechanism of action and resistance. We encourage authors to submit their research involving herbicide resistance, weed physiology, herbicide biochemistry, mode of action, weed genetics, herbicide interaction, and related topics.



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Special *Issue*



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Message from the Editor-in-Chief

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