



## Pesticide Resistance in Agricultural Practices

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### Message from the Guest Editors

Dear Colleagues,

The management of weeds relies heavily on herbicides but results in the development of resistance. Many scientific studies were carried out to understand herbicide resistance and shared with the public. However, more knowledge on herbicide resistance is still needed, especially using genomics, transcriptomics, and other omics techniques, as well as monitoring measures, and control strategies of resistant weeds that depend on clear resistance mechanisms.

The aim and scope of this Special Issue, titled “Pesticide Resistance in Agricultural Practices”, are to elucidate the biochemical and molecular resistance mechanisms of weeds to herbicides, especially using omics techniques and novel weed control strategies that have never been reported. Topics of interest include, but are not limited to, the following:

1. Target-site/non-target-site herbicide resistance;
2. Molecular basis of evolution in herbicide resistance;
3. Fitness traits of herbicide-resistant weeds;
4. Omics techniques for weeds;
5. Novel approaches for weed management strategies.

We welcome novel research articles and reviews addressing all related topics.





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## Message from the Editor-in-Chief

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