

Special Issue

Bioherbicides and their Modes of Action

Message from the Guest Editor

Agricultural production has always been threatened by the presence of plant pathogens such as fungi, bacteria, and viruses. Weeds are another major issue. They can cause severe economic damages of up to 34% in field crops. On the other hand, the use of chemical herbicides could not only induce negative impacts on the environment, animals, and human health but also increase the weeds' resistance to herbicides. In this context, the use of bioherbicides based on natural extracts or biobased molecules could be an interesting alternative to chemical herbicides. In this Special Issue, we wish to focus on all areas related to the development of bioherbicides, which may include herbicidal testing, the identification of new molecules, and their mode of action on weeds. This could offer new strategies and pathways for the bioherbicide industries to create an eco-friendly alternative to chemical herbicides. Dr. Sofiene Ben Kaab

Guest Editor

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Message from the Editor-in-Chief

The *International Journal of Plant Biology* will publish regular research papers, reviews, short communications and opinion papers. The aim is to provide a platform for publication, information and debate, encompassing all areas that fall within the scope of plant biology. Indeed, the *International Journal of Plant Biology* will deepen plant research at all levels, from the molecular to the whole plant and community scales, including bioinformatics and modeling approaches. We will particularly highlight the importance of contributions to current topics, such as plant–plant communication, protection of plant biodiversity and plants in urban environments.

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