# Special Issue

# The Potential of Plants to Absorb Xenobiotics

**Message from the Guest Editors**

Environmental contamination by pollutants is a complex and pressing problem deeply felt at a global scale. Heavy metals, organic pollutants, microplastics, and other xenobiotics can accumulate in living organisms along the food chain, posing a serious risk at the top trophic levels, including humans. Therefore, the monitoring and cleaning-up of pollutants in the environmental compartment represent crucial ways to minimize the hazard to ecosystems. To date, many physical, chemical, and biological approaches have been used to cope with this problem, with differing outcomes. The use of plants and associated soil microbes to restore polluted soils or absorb/adsorb pollutants from water bodies or the atmosphere could be an effective and green method for both biomonitoring and environmental restoration. The aim of this Special Issue is to present a collection of original studies focused on the capacity of plants to absorb/adsorb xenobiotics from the environment, particularly emerging pollutants.

**Guest Editors**

Prof. Dr. Valeria Spagnuolo

Dr. Fiore Capozzi

Prof. Dr. Luis Gómez

**Deadline for manuscript submissions**

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*Plants*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
plants@mdpi.com

mdpi.com/journal/plants

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## Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

## Editor-in-Chief

Prof. Dr. Dilantha Fernando
Department of Plant Science, University of Manitoba, Winnipeg, MB R3T 2N2, Canada

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