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Microbial and Plant Phytotoxins

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Deadline for manuscript submissions:
closed (15 August 2021)

Message from the Guest Editors

Dear Colleagues,

Phytotoxins are generally considered secondary metabolites produced by phytopathogenic fungi and/or bacteria that play an important role in the disease induction on the host plant. Microbial phytotoxins are able to cause serious diseases to agrarian, ornamental, and forest plants with consequently heavy economic losses in food quality and production and environmental heritage. When microbial phytotoxins are produced by microbes that are pathogenic for weeds, including parasitic plants, they represent an important tool to develop biohebicides. In particular, in agriculture, they could be used to find new potential bioherbicides to combat weeds, including parasitic plants, through seed inhibition or stimulation and suppression of radical growth.

Thus, this Special Issue of *Toxins* will report articles describing both microbial and plant phytotoxins, focusing on their biological properties and their potential practical application in different fields.

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Editor-in-Chief

Prof. Dr. Jay Fox
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Message from the Editor-in-Chief

Toxinology is an incredibly diverse area of study, ranging from field surveys of environmental toxins to the study of toxin action at the molecular level. The editorial board and staff of *Toxins* are dedicated to providing a timely, peer-reviewed outlet for exciting, innovative primary research articles and concise, informative reviews from investigators in the myriad of disciplines contributing to our knowledge on toxins. We are committed to meeting the needs of the toxin research community by offering useful and timely reviews of all manuscripts submitted. Please consider *Toxins* when submitting your work for publication.

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