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Small Non-Coding regulatory RNAs in Plant–Microbe Interactions

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Deadline for manuscript
submissions:

closed (30 November 2021)

Message from the Guest Editors

Since the discovery of the first small non-coding RNAs 25 years ago, the importance of these 20-to-24-nt-long regulatory molecules for the modulation of developmental processes as well as of highly tuned responses to the environment in different organisms, from bacteria to humans, has been demonstrated. Moreover, recent discoveries show that their function is not restricted to the organism where they are expressed and that they can act as well as cross-kingdom communication molecules, targeting specific mRNAs in other organisms and modulating by this means their metabolic and defense pathways.

In view of the importance of this topic for modern agriculture and biodiversity conservation in the context of global climate change, for this Special Issue, we invite researchers to submit original research articles or reviews on the role of small non-coding RNAs in plant–microbe interactions, including pathogenic and mutualistic interactions, as well as in the holobiont response to a changing environment.



mdpi.com/si/56299

Special Issue



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