

Special Issue

Rhizosphere Microbial Community Diversity

Message from the Guest Editor

The plant rhizosphere is recognized as one of the main hot spots for diversity and the activity of microorganisms in terrestrial ecosystems. In recent years, the diversity of microorganisms in the rhizosphere has been revealed by never-before-seen advances in culturomics and metagenomics approaches. Diverse studies have shown that rhizospheres are able to recruit specific and dynamic microbial communities that are crucial for the growth and fitness of plants throughout their phenology. The rhizosphere not only harbors broad microbial diversity but also can harbor diverse beneficial microorganisms, mainly bacteria and fungi, which are commonly isolated and applied as commercial microbial biostimulants to improve the yields in agroecosystems. Consequently, this Special Issue welcomes microbiologists, ecologists, biologists, biochemists, bioinformatics, agriculturists, and biotechnologists to contribute new knowledge on the diversity of the rhizosphere-associated microbiomes of plants.

Guest Editor

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Diversity (ISSN 1424-2818) is a scholarly journal that covers all areas of diversity research. Our distinguished editorial board and refereeing process ensures the highest degree of scientific rigor for publishing. Original research articles and timely reviews are released online, with unlimited free access.

We invite papers and reviews on multidisciplinary topics of diversity that bridge organismic diversity (systematics, biodiversity, phylogeny, population genetics, and evolution) and molecular diversity (phytochemistry and biophysics).

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