Special Issue

Microbiota Diversity in Plants and Forest

Message from the Guest Editor

Research on the forest underworld is significantly changing our fundamental understanding of the ecological systems of plants. The ecology system is a complex of competing and symbiotic interactions between microbiota and plants. Large networks of symbiotic fungi, bacteria, trees, and plants supply each other with the necessary resources to thrive. To better understand the symbiotic biological processes below the ground, we would like to highlight the exchange of water, carbon, and nutrients in forests and the associated fungal and bacterial species. We aim to significantly expand our understanding of the microbiota networks in the soil, the rate at which they transfer matter between them and trees, and the chemical compounds used by tree roots to communicate with the soil microbiota. Omics data of molecular identification, metabolomic analysis, stable isotope labeling, and microbiome analysis will help us to understand the diversity in these ecology environments.

Guest Editor

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Message from the Editor-in-Chief

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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