



## Molecular Studies of Microbial Communities

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Deadline for manuscript  
submissions:

**closed (20 December 2024)**

### Message from the Guest Editor

Dear Colleagues,

Species within the kingdoms Archaea, Bacteria, and Fungi are ubiquitous in nature. They fulfil key environmental functions related to nutrient cycling, have beneficial to pathogenic associations with other macroscopic organisms, and thrive in habitats devoid of macroscopic life, such as hot acidic springs. Unfortunately, most microorganisms are unculturable using current laboratory techniques, a fact that has slowed the pace of research. However, due to the advancements in molecular sequencing and big data processing, it is now possible to investigate the unculturable microbial communities and their relationships to other organisms using environmental sequencing techniques. Using these methods, researchers can identify shifts in community structure, species composition, and investigate species distributional patterns among others. Therefore, this Special Issue focuses on using molecular techniques, including environmental sequencing, to uncover the microbial diversity associated with animals, insects, plants, and other environmental habitats. Manuscripts that focus on archaeal, bacterial, and fungal communities are welcome.





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## Message from the Editor-in-Chief

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