



## Interaction between Inorganic Pollutants and Microbiota in the Environment

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### Message from the Guest Editors

There is a growing demand for understanding the interaction between inorganic pollutants and microbiota in the environment. Inorganic pollutants, originating from both natural sources and anthropogenic processes, reach the biosphere where microbiota play a primary role in their fate. Inorganic pollutants include heavy metals, halides, oxyanions and cations, inorganic nanoparticles, and radionuclides. Microbial transformation mostly affects their mobilization or immobilization in the environment as many of them are not biodegradable. These reactions can lead to movement of inorganic pollutants between different phases of the biosphere. Recent advances in understanding microbiota in the environment using -omics methods allows for unprecedented understanding of the interactions between microbiota and inorganic pollutants. The Special Issue aims to collect cutting-edge studies in this subject—in particular, to provide a holistic view of the microbial processes affecting the fate of inorganic pollutants in the environment and the effect of these chemicals on native microbial communities' structure and functions.





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## Message from the Editor-in-Chief

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