



Molecular Aspects of Environmental Pollutants on Soil Microbial

Guest Editors:

Dr. Elżbieta Wotejko

Dr. Urszula Wydro

Dr. Agata Jabłońska-Trypuć

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Message from the Guest Editors

The presence of microorganisms is one of the determinants of soil quality, which also influences its processes. Achieving a good understanding of the soil microbial community remains a challenge due to the complexity of community composition and interactions of the environment. An increase in the environmental pollution level and the possibility of the presence of new substances of anthropogenic origin in the environment make it necessary to monitor the changes that occur in soil microbial communities. Therefore, a multidisciplinary approach combining knowledge and experience from different areas such as sciences of microbiology, toxicology, biotechnology, environmental chemistry, environmental engineering, molecular biology, metagenomics, metaproteomics, and metatranscriptomics should be implemented. An important issue is the identification of biotic and abiotic factors influencing the microbial composition of soils.

This Special Issue is open to extensive review papers and innovative research studies on problems related to the identification and impact of pollutants affecting microbial communities of soils based on molecular biology techniques.





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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*International Journal of Molecular
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MDPI, Grosspeteranlage 5
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