

Special Issue

New Advances in Environmental Microbiology

Message from the Guest Editors

Microorganisms are everywhere, and thanks to their great functional and taxonomic variability, they play central roles in almost all environments. In soil, they are responsible for biogeochemical cycles (i.e., carbon and nitrogen) and for the cycling of organic compounds. They reside both on the surface and in the deep layers of human skin, in the saliva and oral mucosa, in the conjunctiva, and in the gastrointestinal tracts performing tasks that can be useful for human hosts. Nevertheless, the study of microbial diversity patterns is still hampered by the enormous diversity of microbial communities and the lack of resources to sample them exhaustively. A range of novel methods, mostly based on molecular analyses, have uncovered part of the microbial diversity, but the percentage of characterized organisms remains low (approximately 1%–5% of the whole bacterial biodiversity). We invite for this Special Issue papers approaching these topics which will provide novel insights into different aspects of microbiology from hard science to a more applied view of emerging concepts.

Guest Editors

Dr. Giovanni Bacci

Prof. Matteo Ramazzotti

Dr. Niccolò Meriggi

Deadline for manuscript submissions

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijerph@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou
RCMI Center for Urban Health Disparities Research and Innovation,
Richard N. Dixon Research Center, Morgan State University, Baltimore,
MD 21251, USA

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