

Special Issue

Airborne Microbes and Their Potential Influence

Message from the Guest Editors

Airborne microbes are ubiquitous in the atmosphere, being present at a density of 103 to 107 cells per cubic meter. These microbes are emitted from both natural and anthropogenic sources such as terrestrial, soil, forest, desert, composting, and agricultural activities, as well as city, wetland, and marine environments. These organisms are exposed to hostile conditions, including scarcity of nutrients, UV radiation, desiccation, temperature and pH shifts, and the presence of reactive oxygen species. Airborne microbes are known to play an important role in agriculture, public health, cloud formation, global climate, pollutant degradation, and atmospheric dynamics. Moreover, these microbes provide a medium for the spread of diseases. As the of the Special Issue, it is my pleasure to invite you to submit research articles, reviews, and short communications related to the biology of airborne microbes and their role in human health and climate, with the hope that this issue represents a suitable good platform to support the improvement of research related to airborne microbes. Prof. Dr. Tanaka Daisuke

Guest Editors

Prof. Dr. Daisuke Tanaka

Faculty of Science, Academic Assembly, University of Toyama, 3190 Gofuku, Toyama 930-8555, Japan

Prof. Dr. Fumito Maruyama

Center for the Planetary Health and Innovation Science (PHIS), The IDEC Institute, Hiroshima University, 1-3-2 Kagamiyama, Higashi-Hiroshima City 739-8511, Hiroshima, Japan

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

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About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism as a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular Toxicology, UFZ-Helmholtz Centre for Environmental Research, 04318 Leipzig, Germany

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