Special Issue

The Generation, Transmission, and Removal of Bioaerosols

Message from the Guest Editors

The generation, transmission, and removal of bioaerosols is a Special Issue of *International Journal of Environmental Research and Public Health*, and provides a forum for the latest scientific and technological advances in the characteristics of bioaerosols for promoting the formulation of slowing down the transmission of pathogens, especially because SARS-CoV-2 transmission is receiving more attention than ever. This Special Issue focuses on the generation of bioaerosols in different types of environments, the transmission characteristics of the bioaerosols, and the removal technologies of the bioaerosols. Fields of interest include:

- Bioaerosols generation during sneezing, coughing, talking, and breathing;
- Bioaerosols generation from human behaviors;
- Bioaerosols generation from emergency release;
- Experimental measurement of bioaerosols;
- Advanced numerical simulation of bioaerosols;
- Indoor transmission of bioaerosols;
- Bioaerosols' behaviors at community and urban scale;
- Prediction and detection methodology;
- Protective measures against bioaerosols;
- Disinfection technology;
- Disinfection effect assessment.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for 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, open access journal.

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou
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