

Special Issue

Advanced Research of Bioaerosol and Viral Dispersion

Message from the Guest Editor

The definitions used in exposure science and industrial hygiene to describe aerosols and their respiratory tract deposition do not correspond to the way droplets and aerosols are frequently used by the medical infectious disease community, which explains the reluctance to recognize the SARS-CoV-2 airborne route transmission by some physicians and public health experts. The resulting communication difficulty and silo work compromise effective and timely collaborative efforts when we need to bring together the best science from many disciplines. This Special Issue aims to publish papers addressing advanced research in bioaerosols, especially viruses, including a variety of study designs (collecting experimental and field data), sampling techniques, sample processing, and the methodologies applied to describe viral dispersion in different environmental contexts. The goal is to have a collection of articles advancing our understanding of the precise mechanisms of viral modes of transmission to come to a better and ultimately transdisciplinary understanding of respiratory infection spread.

Guest Editor

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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

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