



Biological and Toxicological Effects of Bioaerosols

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Message from the Guest Editor

Dear Colleagues,

Bioaerosol is the airborne collection of biological material, including viable or non-viable bacteria, fungi, pollen, particulate matter, and byproducts of cells. Bioaerosols occur both outdoors and indoors. Because of their small size and lightweight, bioaerosols may be easily transported between various sites, and exposure to bioaerosols may result in infectious diseases, allergies, toxic effects, neurological effects, and others. Thus, in recent years, occupational and residential exposure to bioaerosols has attracted increased research interest.

Based on the above, I sincerely invite you to submit manuscripts to this Special Issue, which aims to collect high-quality and novel research concerning various aspects of biological and toxicological effects of bioaerosols. The scope of the Special Issue will be focused on, but not limited to the formation of bioaerosols and factors affecting it, bioaerosol exposure in both occupational and residential environments, health, and biological and toxicological effects of bioaerosol exposure on organisms.





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Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

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