Special Issue

Microbial Exposure Assessments in Different Occupational and Indoor Settings

Message from the Guest Editor

Microorganisms are present in different occupational and indoor settings. Thus, workers/occupants are constantly exposed to a wide range of species, including those that are a part of our natural flora, as well as opportunistic and pathogenic, which may potentiate the development of adverse health outcomes. Different sampling methods as well as assays can be employed to obtain useful information in the scope of exposure assessment to microbial contamination and, consequently, to risk characterization and management. Culture-dependent and, more recently, culture-independent methodologies have been applied for the analysis of microbial communities in different indoor environments. The use of different analysis methods can provide different and divergent perspectives on the stages of microbial growth and quantity. This Special Issue will focus on various occupational/indoor sources of microbial exposures, sampling and analysis methods, as well as potential health consequences of those exposures.

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"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is 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.

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