



Molecular Study of Bacterial Pneumonia and Pathogens

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Message from the Guest Editor

Pneumonia and other lower respiratory tract infections (LRTIs) have been estimated to affect 489 million people worldwide, as revealed by the 2019 Global Burden of Disease study. It is important to note that as a clinical entity, pneumonia can be classified as community-acquired pneumonia or hospital-acquired pneumonia, each also differing regarding its etiology and pathology. Additionally, a diverse range of microorganisms can be the causative agents of pneumonia, including bacteria, viruses and fungi. This Special Issue will focus on bacterial pneumonia, encompassing either of its clinical forms with a focus on molecular aspects characterizing the disease presentation, transmission and epidemiology. The fact that a diverse set of bacterial species can act as causative agents of this disease, with varying geographical distributions and distinct resistance patterns and mechanisms, prompts the implementation of research on molecular mechanisms underlying the disease presentation, pathogen transmission and acquisition of resistance.

The main objective of this Special Issue is to publish high-quality research on these topics, and either original or review articles are welcomed.





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Message from the Editor-in-Chief

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