



## Diagnosis and Treatment of Pneumonia in the Intensive Care Unit

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### Message from the Guest Editor

Pneumonia acquired in intensive care units (ICUs), especially ventilator-associated pneumonia (VAP), is a life-threatening infection in critically ill patients. The estimated incidence varies by definition, population and screening methods. Various studies have advanced our understanding of the pathogenesis, risk factors, prognosis and health costs of this disease, but questions relating to the diagnosis and treatment remain unanswered. However, continuous research and the fast development of technologies in intensive medicine leave physicians with the need to summarize and collect the newest information on epidemiology, diagnostics, monitoring and therapeutic strategies in ICU-associated pneumonia and VAP.

This Special Issue aims to highlight novelties in the diagnosis and treatment of ICU-associated pneumonia and VAP, including all the research to help clinicians improve the pneumonia-associated outcomes in critically ill patients.





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