

Special Issue Register Form

Special Issue Introduction

Special Issue "Pneumonia: New diagnostic and therapeutic options"

Dear Colleagues,

Pneumonia is a frequent disease, which can also impair the long-term health of infected patients. It can be caused by different pathogens, and its outcome is influenced by the virulence of the pathogen as well as the host's immune response. In this Special Issue, studies investigating new diagnostic and therapeutic options in acute pneumonia will be presented. Additionally, this Special Issue will focus on the underlying pathomechanisms of pneumonia and metabolic changes induced by the different kinds of pathogens causing pneumonia. Also, as the host's immune response strongly determines whether patients have a mild or severe course of disease, whether inflammatory processes are associated with genetic predisposition, gender, or other epigenetic/environmental factors will be examined. Furthermore, we also aim to characterize the relationship between symptoms of patients and metabolic alterations during acute infection and reconvalescence in more detail. All studies that intend to better understand the underlying pathomechanisms of pneumonia are welcome. Additionally, the long-term effects of pneumonia and their impact on patients' quality of life will also be discussed.

Keywords (5-10): pneumonia; pathogens; immune activation; host; underlying pathomechanisms; diagnostics; therapy; long-term effects; symptoms
