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Omics in Infectious Pulmonary Diseases

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Message from the Guest Editor

Dear Colleagues,

Infectious lung disease is a global health problem and could be a threat to the world because it could spread rapidly. The progression and severity of pulmonary infectious disease is decided by host defense mechanism and virulence of pathogen. To understand the pathogenesis and treatment traits for infectious pulmonary diseases, omics studies including genomics, transcriptomics, metabolomics, proteomics and epigenetics could provide insights to better understanding of diseases and to innovative treatment modalities. This Special Issue is focused on omics studies for various infectious pulmonary diseases for diagnosis, pathogenesis, and treatment against the pathogen itself and the interaction and environment between the host and pathogens.



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Special Issue