Special Issue

Mycobacterium tuberculosis Infection: Control & Treatment

Message from the Guest Editor

Tuberculosis (TB) is the leading cause of death from a single infectious agent that claims the lives of more than 1.5 million people per year, and a growing number of multidrug-resistant TB strains constitute a major health threat. Moreover, *Mycobacterium tuberculosis* has developed a plethora of molecular mechanisms providing successful escape from host immunity by expressing specific factors and regulators which contribute to the progression of the disease. An additional challenge concerns latent TB—about 1.7 billion people are latently infected with *M. tuberculosis* with a lifetime risk of developing the active disease. Thus, improvement of vaccines and diagnostic testing, and continued drug discovery for active and latent TB, is critical to address the global health need, especially in the era of the COVID-19 pandemic when the burden on the healthcare system is very high. The aim of this special issue is to concern any aspects of arising challenges and future perspectives on TB control and treatment.

Guest Editor

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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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