

## Special Issue

# Tuberculosis and Latent Tuberculosis Infection: Molecular Basis and Translational Research

### Message from the Guest Editors

Though effective treatment has been available for more than sixty years, tuberculosis (TB) remains one of the deadly infectious diseases worldwide. Early diagnosis and treatment are crucial to prevent transmission and reduce mortality. However, many aspects of TB pathogenesis and transmission are still unclear, preventing accurate diagnosis and effective intervention. More translational research works for the management of TB are urgently needed. Another critical element in TB control is preventive therapy for latent TB infection (LTBI). Correct diagnosis and safe, short treatment both contribute to the effectiveness of LTBI intervention programs and public acceptance. With the introduction of interferon-gamma release assay (IGRA) and rifapentine, a long-acting rifamycin drug, there has been tremendous improvement in the implementation of LTBI programs. However, current clinical practice for LTBI is far from optimal. There are still many research gaps concerning the molecular basis of host immune response against TB bacilli and adverse drug reactions, as well as short, safe, and personalized treatment.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 September 2023)



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### Editor-in-Chief

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