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Tuberculosis Vaccines and Novel Drug Development

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Message from the Guest Editors

Dear Colleagues,

Tuberculosis (TB) continues to be a major global health burden and kills over a million people annually. The emergence of drug-resistant strains has further worsened the situation that demands urgent need for vaccines and drug development against Mycobacterium novel tuberculosis (Mtb). The attenuated Mycobacterium bovis strain Bacille Calmette-Guerin (BCG) is the only FDAlicensed TB vaccine. BCG protects infants against disseminated TB, but it shows variable protection against adult pulmonary TB. Moreover, BCG can disseminate under immunosuppressed or immunocompromised conditions; hence, a safer and more efficacious TB vaccine is paramount. This requires a better understanding of the mechanisms that Mtb deploys to evade the host immune response.

This Special Issue welcomes all types of manuscripts providing insight into aspects relevant to TB vaccines and novel drug development. We are interested in a wide scope of work including but not limited to basic science research and clinical studies. We welcome the submission of original articles, reviews and other research articles that will improve our knowledge in these areas.







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Message from the Editor-in-Chief

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