Special Issue

Immunometabolism in *Mycobacterium tuberculosis* (M.tb) Infection

Message from the Guest Editors

Tuberculosis (TB) is a leading infectious disease killer worldwide and is only second to COVID-19. Mycobacterium tuberculosis, the pathogen that causes TB, has the ability to persist in its host and evade multiple antimicrobial mechanisms. M. tuberculosis infection can result in diverse clinical outcomes. Global efforts to eradicate TB are marred by an alarming increase in multi-drug resistant infections. We invite you to submit original research articles, short communications, and review articles related to immunometabolism in M. tuberculosis pathogenesis. Research articles and short communications may describe metabolic dysfunction underlying inadequate immune responses to M. tuberculosis infection alone or during comorbidities, and metabolic perturbations and metabolites that enhance immunity against TB. Reviews should present the latest advancements in our understanding of immunometabolic crosstalk during M. tuberculosis infections and address gaps in current knowledge. Future investigations into this evolving discipline will contribute to an improved understanding of M. tuberculosis pathogenesis and aid in the development of TB therapies and biomarkers.

Guest Editors

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Deadline for manuscript submissions

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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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