

Special Issue

Iron and Mycobacteria

Message from the Guest Editors

In this Special Issue, we would like to put together the most recent findings related to the interplay between iron and mycobacteria. Microbiological and molecular studies on heme and non-heme iron uptake and storage systems in mycobacteria, as well as on important molecular pathways regulated by iron, are one of the sub-topics that we would like to see represented. The second sub-topic we would like to include is mycobacteria–host interaction. Many host iron-related proteins can influence infection by mycobacteria—siderocalin, transferrin, hepcidin, ferritin, ferroportin, NRAMP1 and others. Finally, we would also like to see the results of studies directed to the understanding of the consequences of mycobacterial infection for the host iron status, obtained by any experimental approaches: in vitro cell culture, in vivo animal models and human studies. We believe this Special Issue will be an important opportunity to collect high quality articles in the field of iron and mycobacteria and will stimulate scientific discussion among those passionate for this topic, as we are.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

"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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