



Iron as Therapeutic Targets in Human Diseases 2020

Guest Editor:

Dr. Meera Nanjundan

Department of Cell Biology,
Microbiology, and Molecular
Biology, University of South
Florida, Tampa, FL, USA

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Message from the Guest Editor

Dear Colleagues,

Intracellular iron is an essential element required to homeostatically allow maintenance of appropriate organismal and cellular survival. Hence, iron levels need to be tightly regulated. It is well established that iron, in its redox active state, can mediate cellular damage via its participation in Fenton reactions. Thus, it is not surprising that under multiple disease conditions, iron levels and/or expression of iron regulatory mediators are dysregulated. Therefore, efforts are underway to target the iron metabolic pathway to better control disease pathogenesis. This Special Issue focuses on iron therapy in inflammatory conditions, infectious diseases, cancer, and neurological diseases. The issue aims to provide an up-to-date review of the latest published findings in this research area as well as present limitations and future goals.

Dr. Meera Nanjundan

Guest Editor





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MDPI, Grosspeteranlage 5
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