



Exploring Host-Pathogen Interactions – Host-Directed Therapies

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Message from the Guest Editors

Human organisms are constantly exposed to microorganisms, and most have no effects on their health, with disease being an exception, not the rule. However, when host–microorganism interaction results in damage to the host, the microorganism becomes a pathogen. A kind of “war” begins when they meet, and the increasing incidence of treatment-resistant infections makes the need for alternative management strategies an urgent one.

Understanding the mechanisms involved in human innate determinants of susceptibility or resistance against infection or the disease may help to intervene in host metabolic pathways vital to pathogen survival and find new tools that could act via a host-mediated response rather than acting directly on the pathogen.

The aim of this Special Issue is to highlight processes and mechanisms involved in the crosstalk between infectious agents and hosts that are already used or that may potentially be adapted in the future to host-directed therapy (HDT) strategies. We invite you to submit research articles, reviews, or short communications that together may contribute to improving the knowledge about this promising approach.





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Message from the Editor-in-Chief

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