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Macrophages in Health and Non-infectious Disease 2.0

Guest Editors:

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Deadline for manuscript submissions:

closed (15 December 2021)

Message from the Guest Editors

Dear Colleagues,

Having first been described more than 100 years ago, macrophages are still the focus of biomedical research. For about 50 years, they were considered solely as part of the defense against pathogens intruding an organism; however, unravelling the mechanisms of inflammatory reaction regulation made it clear that macrophages not only possess effector functions but also act as important regulators of inflammation. Apart from infectious diseases, it has been demonstrated that macrophages are actively involved in the pathogenesis of socially important noninfectious diseases, such as atherosclerosis, cancer, diabetes and others. These findings have expectedly led to the identification of macrophages as potential and highly attractive therapeutic targets. In this Special Issue, we want to collect the most recent publications on the mechanisms that macrophages use to regulate homeostasis and their involvement in the pathogenesis of non-infectious diseases. We also welcome research describing novel macrophage markers that reflect their functional state or are involved in macrophage tolerance and training as well as the interaction of macrophages with resident microbiomes.







IMPACT FACTOR 4.7





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Editor-in-Chief

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Message from the Editor-in-Chief

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