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Macrophages during Inflammation

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Deadline for manuscript submissions:

closed (1 March 2021)

Message from the Guest Editors

Dear Colleagues,

Macrophages are critical mediators of tissue homeostasis. They are generally considered to be one of the first lines of defense against pathogens, as they employ a range of strategies to phagocytose and kill pathogens and play important roles in orchestrating the protective inflammatory response through pattern recognition receptors. In addition, macrophages play an important role in removing cellular debris and repairing tissues.

For this Special Issue entitled "Macrophages during Inflammation", we welcome the submission of original research and review articles covering a broad range of topics related to macrophage biology, including: host-pathogen interactions; molecular mechanisms for inflammatory signaling; plasticity; tolerance and trained immunity; immunomodulatory strategies; origins. This Special Issue may also include topics related to the implication of macrophages in the development of several human diseases: pulmonary, cardiovascular, or metabolic inflammatory diseases, neurodegeneration, aging, or cancer. We look forward to your contribution.

Dr. María Luisa Gil

Dr. Alberto Yáñez

Guest Editors



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Special Issue



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Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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