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Macrophages in Tissue Repair, Regeneration, and Fibrosis

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Deadline for manuscript
submissions:

closed (15 May 2022)

Message from the Guest Editors

Dear Colleagues,

We are Guest Editing a Special Issue on “Macrophages in Tissue Repair, Regeneration and Fibrosis” of the open-access journal *Cells*. Experimental in vitro and in vivo studies examining macrophage function are welcome. The present Special Issue aims to highlight the involvement of macrophages in immune responses and restoring homeostasis (acute and chronic processes associated with tissue injury, infection and resolution of inflammation as well as tissue repair). Macrophages are critical for innate immunity, tissue homeostasis, and the resolution of inflammation, as well as the repair of damaged tissue. Their pleiotropic character and plasticity are strongly affected by the local microenvironment and the type of immune response to tissue injury and repair. Macrophages display a residential cell reservoir within tissues and can be additionally infiltrated upon trauma. In this Special Issue, we present the experimental work describing the role of macrophages in tissue injury, highlighting their responses that orchestrate the local microenvironment to restore homeostasis. We are looking forward to your contributions.

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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