Special Issue

The Role of Fibroblasts in Acute and Chronic Inflammatory Processes

Message from the Guest Editor

Fibrosis, the excess accumulation of extracellular matrix (ECM), is an aberrant process whereby normal wound healing and repair processes fail to resolve. The consequence of fibrosis is organ dysfunction. While fibroblasts represent the end effector cells responsible for the secretion of excess ECM, inflammatory cells also form a critical part of the fibrotic process by establishing a pro-inflammatory environment that influences fibroblast phenotype and function. Furthermore, a critical but generally understudied element is the reciprocal relationship, whereby fibroblasts regulate inflammatory cell function. Under proper wound healing conditions, fibroblasts are important in resolving inflammation at the appropriate time; however, in fibrosis, fibroblasts can perpetuate an inflammatory environment via the release pro-inflammatory cytokines. We invite you to contribute original articles on all aspects related to the theme of "The Role of Fibroblasts in Acute and Chronic Inflammatory Processes". Expert articles describing genetic, mechanistic, functional, cellular, or biochemical aspects of fibroblast regulation of inflammation are highly welcome.

Guest Editor

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Deadline for manuscript submissions

closed (15 April 2023)

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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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