

Special Issue

Cytokines at the Edge between Alarm and Homeostasis

Message from the Guest Editor

Cytokines are small proteins that play a role in cell signaling. They are produced by a broad range of cells, including immune cells as well as structural cells like epithelial cells and they act through specific receptors on the target cell. Chronic inflammation thus develops when the host is not able to limit the excess of alarmins triggered from the environment such as in exposure to allergen and/or infection which affect the sensitivity of the homeostatic mechanisms of the host resulting in pathologic alarm without resolving the inflammation. There are evidences that cytokines and chemokines long recognized as pro-inflammatory can promote the resolution of the inflammation as we recently discovered for IL-3. We must also consider the origin of the insults targeting simultaneously multi organs or mucosal sites. This special topic aims to identify new cytokine-chemokine mediated homeostatic mechanisms activated by the host to maintain the homeostatic stage and thus be able to resolve inflammation. This should lead to improvement of current therapeutic strategies for inflammatory diseases.

For more information, please visit Special Issue [website](#).

Guest Editor

Prof. Dr. Susetta Finotto

Department of Molecular Pneumology, Friedrich-Alexander-University (FAU) Erlangen-Nürnberg, Universitätsklinikum Erlangen, 91052 Erlangen, Germany

Deadline for manuscript submissions

closed (30 November 2023)



Cells

an Open Access Journal
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Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/149140

Cells
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cells@mdpi.com

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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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