Special Issue

Tumor-Associated Myeloid Cells: From Basic Research to Clinical Application

Message from the Guest Editor

Myeloid cells, both macrophages and dendritic cells, play an active role in shaping the tumor micro-environment and anti-tumor immune response. In recent years, the deep characterization of myeloid cell populations in terms of surface markers, functions, transcriptional activity, and epigenetic profile has led to the idea of targeting them in the attempt to fight tumor progression or make more efficient antigen-specific strategies against tumors. This issue would like to be a collection of different types of contributions from methodological to translational papers and reviews widely discussing myeloid cell contribution in shaping tumor behavior and anti-tumor immune response. It would be important for the scientific community to have methodological and translational contributions to know how correctly treat myeloid cells in vitro and in vivo, how to perform experiments with them to better compare results obtained around the world, as well have comprehensive reviews to learn how to analyze them in depth within the tumors.

Guest Editor

Prof. Dr. Paola Cappello

Department of Molecular Biotechnology and Health Sciences, University of Turin, 10126 Turin, Italy

Deadline for manuscript submissions

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

mdpi.com/journal/cells

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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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Neuroscience, UMN Twin Cities, 6-145 Jackson Hall, 321 Church St SE, Minneapolis, MN 55455, USA

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