Special Issue

Pathophysiology and Molecular Targets in Myeloid Neoplasia

Message from the Guest Editor

Myeloid cancers developing from the aging hematopoietic system share common genetic and epigenetic aberrations, irrespective of the clinical phenotype. While current treatment options are clearly focused on the disease phenotype and the underlying driver mutations, cancers within the myeloid spectrum rather represent a continuum of diseases. The underlying genetic and epigenetic landscape, comparable metabolic requirements, common functional dependencies, and shared interface with the immune system may facilitate the definition of pan-myeloid disease mechanisms and therapeutic targets. Identification of common pathophysiologic mechanisms may facilitate development of therapies to prevent progression or induce regression of the underlying clonal landscape. In this Special Issue, we aim to focus on commonalities and differences between preleukemic conditions and various blood cancers of the myeloid spectrum that may serve as therapeutic targets in the future. Contributions may therefore include primary research articles, reviews, as well as perspectives (if solicited by the editorial board).

Guest Editor

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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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