

Special Issue

Hematopoietic Cell Lines as Models for Leukemia and Lymphoma

Message from the Guest Editor

Hematopoietic malignancies share the same tissue of origin but manifest as diverse entities, types, and subtypes. Hematopoietic cell lines are derived from patients with specific types of leukemia and lymphoma and bear the chromosomal, genomic, genetic, and functional characteristics of the original tumor. Accordingly, these cell lines represent faithful models to investigate carcinogenesis and treatment approaches in vitro. However, it is essential that they are authenticated and carefully characterized for their benefits as experimental models to be extracted correctly. While some leukemia/lymphoma types and subtypes are well covered by such models, other entities lack corresponding cell lines and deserve redoubled effort to close these gaps. This Special Issue seeks studies that describe novel hematopoietic cell lines or have used established cell lines for basic research as well as translational approaches, demonstrating their applications, advantages, and limitations.

Guest Editor

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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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