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Cellular and Molecular Mechanisms of Hematopoiesis

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Message from the Guest Editors

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The way that we view the development of the many different types of blood and immune cells from a hematopoietic stem cell has changed dramatically over the past few years to accommodate many new findings. From new findings, investigators are continuing to rewrite the nature of hematopoiesis. This includes views on the inherent nature of the hematopoietic stem cell, whether pluripotent or whether some of them are in fact lineage affiliated, and the extent to which cytokines are survival/growth factors and instruct cell lineage choice. Changes to our view of hematopoiesis are also changing the way we view leukemia.

The aims of this Special Issue are to examine the molecular aspects of the nature of hematopoietic stem cells and their progeny, how the environment nurtures cells to change their behavior, and the importance of all of this to understanding leukemia. We welcome original articles and full reviews on all these areas.

Deadline for manuscript
submissions:

closed (31 July 2020)



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Special Issue



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Message from the Editor-in-Chief

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