

Special Issue

Cellular and Molecular Mechanisms of Hematopoiesis

Message from the Guest Editors

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.

Guest Editors

Prof. Dr. Geoffrey Brown
Prof. Dr. Ken Mills
Dr. Maarten Hoogenkamp

Deadline for manuscript submissions

closed (31 July 2020)



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

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The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
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Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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