

## Special Issue

# Molecular Mechanisms of Leukemia

### Message from the Guest Editor

Hematopoietic stem cells (HSCs) in the bone marrow ensure lifelong hematopoietic homeostasis by giving rise to the full repertoire of blood cells via highly ordered differentiation process, while maintaining a proper HSC pool via self-renewal. Recent technological advances, including genome-wide profiling and chromatin analyses, have provided overwhelming evidence that the epigenetic landscape in hematopoietic stem/progenitor cells changes dynamically during normal hematopoiesis and fate determination, which often becomes impaired under pathological conditions.

For this Special Issue, we invite reviews or original research articles that describe the roles of chromatin modifications and the relevant enzymes that establish, erase, and interpret these epigenetic marks during normal and malignant hematopoiesis. We will also accept articles addressing roles for epigenetic modifiers in the consolidation of inputs from the HSC niche or intracellular metabolism with genetic programs to secure normal HSC self-renewal and differentiation.

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### Guest Editor

Dr. Myunggon Ko

Department of Biological Sciences, Ulsan National Institute of Science and Technology, Ulsan 44919, Republic of Korea

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### Deadline for manuscript submissions

closed (31 December 2022)



## Current Issues in Molecular Biology

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[cimb@mdpi.com](mailto:cimb@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

Prof. Dr. Madhav Bhatia

Department of Pathology and Molecular Medicine, University of Otago,  
Christchurch 8140, New Zealand

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