

Special Issue

Molecular Research and Pathological Mechanism of Leukemia

Message from the Guest Editors

Hematocology is a field that dynamically uses new technologies in both diagnosis and treatment. The highest increase in the use of new therapies is observed in patients with blood cancers. The high effectiveness of targeted therapies and immunotherapy is associated with limiting the use of traditional chemotherapy. A personalized therapeutic approach in the treatment of leukemia is associated with a better cure/survival ratio, but it also has its limitations. Should traditional therapeutic approaches be abandoned? How can we improve the diagnosis and treatment efficiency of leukemia patients? How can we effectively eliminate leukemic stem cells? These and other questions will be answered in this Special Issue, which aims to present research in the field of pathophysiology, treatment strategies, and outcomes of leukemia, with a focus on the following:

- The molecular mechanisms involved in leukemia;
- Novel biomarkers for early leukemia diagnosis;
- New therapeutic approaches (target therapies including drug design and development).

Guest Editors

Prof. Dr. Sylwia Flis

Center for Translational Medicine, Warsaw University of Life Sciences,
100 Nowoursynowska St., 02-797 Warsaw, Poland

Prof. Dr. Mirosława Koronkiewicz

Department of Biomedical Research, National Medicines Institute,
30/34 Chelmska St., 00-725 Warsaw, Poland

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Madhav Bhatia

Department of Pathology and Biomedical Science, University of Otago,
Christchurch, 2 Riccarton Avenue, P.O. Box 4345, Christchurch 8140,
New Zealand

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