



Advances in Clinical and Molecular Myeloid Malignancies

Guest Editors:

Dr. Cristina Panuzzo

Department of Clinical and
Biological Sciences, University of
Turin, 10043 Orbassano, Italy

Dr. Enrico Bracco

Department of Oncology,
University of Turin, 10043 Turin,
Italy

Dr. Barbara Pergolizzi

Department of Oncology,
University of Turin, 10043 Turin,
Italy

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submissions:

closed (31 July 2021)

Message from the Guest Editors

Hematopoietic malignancies are often characterized by genetic mutations and epigenetic alterations that may lead to oncogenes activation or oncosuppressors inactivation, besides the non-genomic loss of function of crucial oncosuppressors. In recent years, the identification of new prognostic markers has overwhelmingly emerged as a powerful tool to approach the eradication of stem cell clones and as a valuable Swiss knife for monitoring minimal residual disease and relapse. Besides contributing to the molecular characterization of hematological disorders, the identification of malfunctioning players and related dysregulated signaling pathways has unveiled novel therapeutic targets.

For this Special Issue, we are inviting researchers to submit original research articles or reviews which address diverse aspects of the biology, clinical response to therapy, and molecular diagnostic and prognostic markers of myeloid disorders, including (Acute Myelocytic Leukemia) AML, Myelodysplastic syndromes (MDS), Myeloproliferative neoplasms (MPNs), and Chronic myelogenous leukemia (CML).





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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
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