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Molecular Mechanisms and Therapies of Myeloid Leukaemia 3.0

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Acute myeloid leukaemia (AML) is the second most frequent haematological malignancy in the paediatric population. In adults, AML is rare, but it is still the most common form of acute leukaemia. Paediatric AML is thought to occur due to single genetic changes that alone are enough to cause AML at a young age. In adults, it has been thought that a lifetime accumulation of genetic alterations leads to the development of disease in later life. In both patient groups, and despite improvements of patient outcomes and the associated overall survival (OS) rates they offer, current therapies still have their limitations. It is essential, therefore, that we continue to identify new targets for therapies so that we can widen the scope of future treatments and determine their relevance to paediatric and adult leukaemia.

This Special Issue will focus on the identification and characterisation of the molecular mechanisms that underly AML pathogenesis and new targets for the therapy of this rare and heterogenous disease. The aim of this Special Issue is to review state-of-the-art research and look beyond current therapies to see where the future of AML treatment may reside.

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Message from the Editor-in-Chief

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