

Special Issue

Acute Leukemia: From Basic Research to Clinical Application

Message from the Guest Editor

Acute leukemia is a big killer. The scientific community has made significant efforts to understand the molecular bases of this disease, in order to identify specific biomarkers and/or target aberrations to be used for designing a tailored treatment. Although the current use of chemotherapy leads to a high rate of survival, in children, acute leukemias represent the greatest cause of death in the pediatric population with cancer. In adult settings, despite a high rate of remission at the end of induction therapy, relapse is a major concern in the management of patients with acute leukemia. Thus, it is essential to undertake efforts in translational research, starting from basic science and translating into clinical interventions. Therefore, the main scope of this Special Issue is to reveal the molecular mechanisms of basic research studies on acute leukemia with a clear and future translational impact on treatment, including novel potential biomarkers and/or target for tailored treatment.

Guest Editor

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