

Special Issue

Acute Leukemia: From Basic Research to Clinical Application, Second Edition

Message from the Guest Editor

Acute leukemia is a significant contributor to human mortality. The scientific community has made significant efforts to understand the molecular basis of this disease to identify specific biomarkers and/or target aberrations for designing tailored treatment. Although the current use of chemotherapy has led to a high rate of survival, in children with cancer, acute leukemias represent the most significant cause of death. 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 with basic science and translating into clinical interventions. Therefore, the main aim of this Special Issue is to reveal the molecular mechanisms of acute leukemia that have clear, future translational impacts on treatment, including novel potential biomarkers and/or targets for tailored treatment.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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