

## 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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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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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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