



Molecular Mechanisms and Therapies of Myeloid Leukaemia: 3rd Edition

Guest Editor:

Dr. Giovanni Martinelli

IRCCS Istituto Romagnolo per lo
Studio dei Tumori (IRST) "Dino
Amadori", 47014 Meldola, FC,
Italy

Deadline for manuscript
submissions:

closed (30 September 2024)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. José L. Quiles

Department of Physiology,
Institute of Nutrition and Food
Technology “Jose Mataix”,
Biomedical Research Center,
University of Granada, Avda.
Conocimiento s/n, 18100 Armilla,
Granada, Spain

Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI