Special Issue

Acute Myeloid Leukemia and Myelodysplastic Syndromes: Biological and Clinical Implications

Message from the Guest Editor

Acute myeloid leukemia (AML) is a malignancy of the hematopoietic stem cell and is characterized biologically by the uncontrolled division and undifferentiated phenotype of the malignant cells. The main clinical characteristics of this disease are caused by bone marrow infiltration and inhibition of the normal hematopoietic lineages, leading, most frequently, to bone marrow insufficiency. Clinically, most AML subtypes have a similar presentation, it becomes more and more clear that AML is a general term a plethora of diseases. There are still a lot of AML subtypes with poor prognosis and that have no specific therapy. Myelodysplastic syndrome (MDS) is also characterized by bone marrow insufficiency. This is not caused in all cases by the presence of blasts, and rather it is represented by the influence that the bone marrow microenvironment has on the hematopoietic stem cell. MDS represents a heterogeneous entity in which the therapy did not see the "boom" that AML experienced. The current Special Issue will be focused on the biological and clinical characteristics of AML and MDS, trying to further advance the understanding of these entities.

Guest Editor

Dr. Sergiu Pasca
Department of Hematology, Iuliu Hatieganu University of Medicine and Pharmacy, 400012 Cluj Napoca, Romania

Deadline for manuscript submissions

closed (30 November 2020)

Medicina

an Open Access Journal
Published by MDPI

Impact Factor 2.4
CiteScore 4.1
Indexed in PubMed

mdpi.com/si/35242

Medicina
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
medicina@mdpi.com

mdpi.com/journal/medicina

MDPI

Medicina

an Open Access Journal
Published by MDPI

Impact Factor 2.4
CiteScore 4.1
Indexed in PubMed

mdpi.com/journal/medicina

MDPI

About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Medicina* (ISSN: 1648-9144). *Medicina* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on medicine. The scientific community and the general public can access the content free of charge as soon as it is published.

Editor-in-Chief

Prof. Dr. Edgaras Stankevičius
Medical Academy, Lithuanian University of Health Sciences, Kaunas, Lithuania

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, MEDLINE, PMC, and other databases.

Journal Rank:

JCR - Q1 (Medicine, General and Internal) / CiteScore - Q1 (General Medicine)