

## Special Issue

# Advancements in Hematology: Molecular Biology and Targeted Therapies

### Message from the Guest Editors

The recent advancements in hematology, particularly in the areas of molecular biology and targeted therapies, have significantly transformed the landscape of diagnosis and treatment for several hematological disorders, including leukemia, lymphoma, anemia, and other blood malignancies. Key developments in fields like molecular biology (genetic profiling and sequencing, biomarkers and gene expression, epigenetic modifications), targeted therapies (TKIs, monoclonal antibodies, CAR-T cell therapy, targeted inhibitors of epigenetic regulators, proteasome inhibitors), personalized medicine (risk stratification by genomic testing, detection of minimal residual disease), immunotherapy and checkpoint inhibitors (drugs inhibiting immune checkpoint proteins, bispecific antibodies), advancements in stem cell transplantation, are going to revolutionize the treatment of many hematologic diseases, enabling more precise and effective therapies. This Special Issue will try to cover and display some of these promising issues.

### Guest Editors

Dr. Fabio Stagno

Hematology Unit, Department of Human Pathology in Adulthood and Childhood "Gaetano Barresi", University of Messina, 98125 Messina, Italy

Dr. Stefania Stella

Center of Experimental Onco-Hematology (COES), Department of Clinical and Experimental Medicine, University of Catania, 95124 Catania, Italy

### Deadline for manuscript submissions

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

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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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### Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle  
Marche, Via Ranieri 65, 60100 Ancona, Italy

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