<u>EBMT</u> Annual report

2024



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Fabio Ciceri ALWP Chair Italy

Major achievements

The ALWP works actively with the help and the great contribution of the staff and all ALWP members. Several relevant studies have been performed during this year to elucidate the criteria for the donor choices and to refine the algorithm for donor selection. Namely in the setting of MMUD the use of PTCY is able to reduce the detrimental effect of HLA mismatches in patients with acute myeloid leukemia in remission.

Another important achievement completed by the ALWP is the data collection on next-generation sequencing (NGS) data and use of novel drugs, with the aim to improve the quality of the registry and the scientific output of the publications to the benefit of the patient's care. Data analysis will be performed in the upcoming months.

I am very grateful for the great enthusiasm and collaboration of colleagues and all EBMT staff for improving the quality of the data and the treatment of patients with acute leukaemia.

Principal research studies

Long term outcomes and relative mortality in survivors of allogeneic hematopoietic cell transplantation in acute myeloid leukemia: an analysis from the ALWP of the EBMT Study type **Retrospective Studies** Diseases Acute Myeloid Leukaemia (AML) Group Acute Leukemia Working Party (ALWP) Type of treatment Allogeneic Principal investigator **Vivek Patel** Frequency and Impact of Pre-Transplant Somatic Co-Occurring Mutations on Clinical Outcomes of Acute Myeloid Leukemia Patients Receiving Allogeneic Hematopoietic Stem Cell Transplantation: On Behalf of the EBMT Acute Leukemia Working Party Study type **Retrospective Studies** Diseases Acute Myeloid Leukaemia (AML) Group Acute Leukemia Working Party (ALWP) Type of treatment Allogeneic

Principal investigator Ali Bazarbachi Trends in donor characteristics for unrelated Stem Cell Transplantation in patients with acute myeloid leukemia Study type **Retrospective Studies** Diseases Acute Myeloid Leukaemia (AML) Group Acute Leukemia Working Party (ALWP) Type of treatment Allogeneic Principal investigator Arnon Nagler COLLECTION OF NEXT-GENERATION SEQUENCING (NGS) DATA AND USE OF NOVEL DRUGS IN ACUTE LEUKEMIA PATIENTS Study type **Retrospective Studies** Diseases Acute Lymphatic Leukaemia (ALL) Acute Myeloid Leukaemia (AML) Group Acute Leukemia Working Party (ALWP) Type of treatment

Principal investigator Prof M. Mohty

Key publications

<u>2024</u>

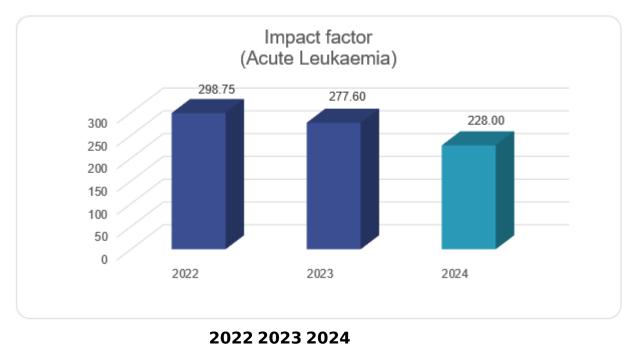
Higher survival following transplantation with a mismatched unrelated donor with posttransplant cyclophosphamide-based graft-versus-host disease prophylaxis than with double unit umbilical cord blood in patients with acute myeloid leukemia in first complete remission: A study from the Acute Leukemia Working Party of the European Society for Blood and Marrow Transplantation Group Acute Leukemia Working Party (ALWP)

1st listed author Frédéric Baron Journal Am | Hematol. 2024 Post-transplant cyclophosphamide separates graft-versus host disease and graft versus leukemia effects after HLA-matched stem-cell transplantation for acute myeloid leukemia Group Acute Leukemia Working Party (ALWP) 1st listed author Avichai Shimoni Journal Leukemia. 2024 Older MRD vs. younger MUD in patients older than 50 years with AML in remission using post-transplant cyclophosphamide Group Acute Leukemia Working Party (ALWP) 1st listed author Simona Piemontese lournal Leukemia. 2024 Younger unrelated donors may be preferable over HLA match in the PTCy era: a study from the ALWP of the EBMT Group Acute Leukemia Working Party (ALWP) 1st listed author Jaime Sanz Journal Blood. 2024 Haploidentical stem cell donor choice for patients with acute myeloid leukemia: a study from the ALWP of the EBMT Group Acute Leukemia Working Party (ALWP) 1st listed author

Jaime Sanz Journal Blood Adv. See the full list of the ALWP 2024 publications



Indicators



Oral presentations	14	23	27
Poster presentations	22	22	25
Educational events	4	3	1



<u>Event</u>

50th Annual Meeting of the EBMT

Apr 14, 2024 - Jun 17, 2024 / Glasgow, United Kingdom Discover more



<u>Event</u>

9th International Transplant and Cellular Therapy Course

Sep 06, 2024 - Sep 08, 2024 / Barcelona, Spain Discover more VISIT THE ALWP WEBPAGE