#### <u>EBMT</u> Annual report 2023



ScienceEducationPatient Care & Advocacy Our SocietyOur Mission, Vision & ValuesEBMT Membership 2023Organisational Structure 2023Financial Highlights 2023EBMT Partners

## Breadcrumb

1. <u>Home</u>

# **Entity Print**



Fabio Ciceri ALWP Chair Italy

## **Major achievements**

The activity of the ALWP continues to increase thanks to the great contribution of the ALWP members and collaborators and the continuous efforts of the ALWP staff. Study proposals are presented with relevant questions for investigating factors associated with patients outcomes. All these achievements are possible with the continuous and voluntary work of distinguished colleagues, and I thank all of them for it.

One of the main topics of 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.

The number of transplants for patients with acute leukaemia is constantly growing, with increase in the HCT indications, as well the age of the patients and diseases. The role of age and donor kinship has been analysed in different transplant settings to implement the algorithm of donor selection for patients in need of HCT.

I am very grateful for your tireless efforts in sending such complex data, which will definitely lead to the generation of new knowledge to further advance the management of acute leukaemia.

#### **Principal research studies**

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
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 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 PTCY MMUD vs Haplo in active disease for AML Study type **Retrospective Studies** Diseases Acute Myeloid Leukaemia (AML) Group Acute Leukemia Working Party (ALWP) Type of treatment Allogeneic - Haploidentical Principal investigator Frédéric Baron Outcome after allogeneic SCT for MLL-PTD AML Study type **Retrospective Studies** Diseases Acute Myeloid Leukaemia (AML) Group Acute Leukemia Working Party (ALWP) Type of treatment

<u>Allogeneic</u> <u>Principal investigator</u> <u>Marta Pratcorona</u>

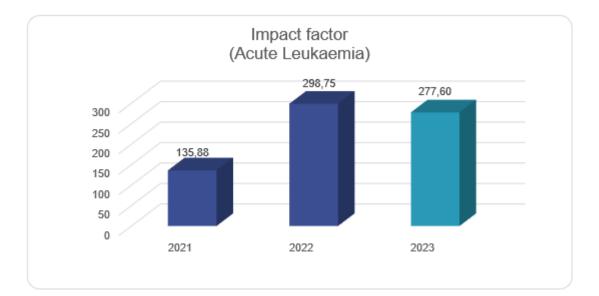
## **Key publications**

<u>2023</u>

Total body irradiation plus fludarabine versus busulfan plus fludarabine as a myeloablative conditioning for adults with acute myeloid leukemia treated with allogeneic hematopoietic cell transplantation. A study on behalf of the Acute Leukemia Working Party of the EBMT Group Acute Leukemia Working Party (ALWP) 1st listed author **Ryszard Swoboda** Journal Bone Marrow Transplant. 2023 Validation of the transplant conditioning intensity (TCI) index for allogeneic hematopoietic cell transplantation Group Acute Leukemia Working Party (ALWP) 1st listed author Alexandros Spyridonidis Journal Bone Marrow Transplant. 2023 Comparison of fludarabine/melphalan (FluMel) with fludarabine/melphalan/BCNU or thiotepa (FBM/FTM) in patients with AML in first complete remission undergoing allogeneic hematopoietic stem cell transplantation - a registry study on behalf of the EBMT Acute Leukemia Working Party Group Acute Leukemia Working Party (ALWP) 1st listed author Jesús Duque-Afonso Journal Bone Marrow Transplant. 2023

Thiotepa-based regimens are a valid alternative to total body irradiation-based reduced-intensity conditioning regimens in patients with acute lymphoblastic leukemia: a retrospective study on behalf of the Acute Leukemia Working Party of the **EBMT** Group Acute Leukemia Working Party (ALWP) 1st listed author Giorgia Battipaglia Journal Transplant Cell Ther. 2023 The role of anti-thymocyte globulin in allogeneic stem cell transplantation (HSCT) from HLA-matched unrelated donors (MUD) for secondary AML in remission: a study from the ALWP /EBMT Group Acute Leukemia Working Party (ALWP) 1st listed author Arnon Nagler Journal Bone Marrow Transplant. See the full list of the ALWP 2023 publications





2021 2022 2023

Oral presentations	10	14	23
Poster presentations	8	22	22
<b>Educational events</b>	1	4	3



<u>Event</u>

#### **49th Annual Meeting of the EBMT**

Apr 23, 2023 - Apr 26, 2023 / Paris, France Discover more

• <u>7th IPC Symposium Advances in Transplant and Cellular Immunotherapy in</u> <u>Older Patients</u> - 23-25 June 2023 in Marseille, France

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