<u>EBMT</u> <u>Annual report</u> <u>2021</u>



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Rafael de la Cámara IDWP Chair Spain

Major achievements

This year, like 2020, was marked by the SARS-CoV-2 pandemic, impacting all aspects of HSCT, forcing historical changes like the universal cryopreservation of allogenic products in many centres, decreasing the transplant activity for the first time in 30 years (6.5% in allogeneic HSCT and 7.5% in auto HSCT) (Passweg JR et

al., BMT 2022 in press) and producing an important suffer for our patients with a high rate of mortality.

This year was also marked by the collaboration and generosity of the EBMT family and by a significant increase in the activity of the IDWP. The IDWP has participated in the elaboration of several recommendations and guidelines for this infection with other WPs and groups: the EBMT recommendations for the general management (16 updates) and vaccination of SARS-CoV-2 (8 updates); EBMT recommendations for HSCT in autoimmune diseases in the time of COVID-19 (in collaboration with ADWP, PWP, EBMT Nurses Group); and in the ECIL 9 COVID-19 guidelines (manuscript in preparation). Thanks to the generosity of several WPs of EBMT, an extra budget was obtained to support several studies under the umbrella of the recently created COVID Task Force.

But the activity of the IDWP has not been limited to SARS-CoV-2, and many other activities and studies have been done or are in progress. In 2021 we had 17 publications (Leukemia 2; Lancet Oncol 2; CID 1; J Infect 2; Ann Hematol 1, BMT 9) with the highest impact factor in the history of the group (168), and 4 communications to congresses (EBMT and ASH). We also organised two educational courses.

Principal research studies

Impact of Covid-19 on stem cell transplant recipients and CAR-T cell recipients Study type Non-interventional Prospective Studies Diseases Complications: infectious Group Infectious Diseases Working Party (IDWP) COVID-19 Type of treatment Allogeneic Autologous CAR T Principal investigator Per Ljungman, Rafael de la Camara, Nicolaus Kröger, Jan Styczynski, Stephan Mielke, Malgorzata Mikulska Impact of pre-existing invasive aspergillosis on allogeneic hematopoietic stem cell transplantation for treatment of acute leukaemia and myelodysplastic syndrome Study type **Non-interventional Prospective Studies** Diseases Myelodysplastic (MDS) or MDS/MPN Acute Myeloid Leukaemia (AML) Acute Lymphatic Leukaemia (ALL) Group Infectious Diseases Working Party (IDWP) Type of treatment Principal investigator **Olaf Penack** Central nervous system disorders following hematopoietic stem cell transplantation: a prospective observational study from the Infectious Diseases Working Party (IDWP) and the Transplant Complications Working Party (TCWP) Study type Non-interventional Prospective Studies Diseases **Complications: infectious Complications: non-infectious** Group Infectious Diseases Working Party (IDWP) Transplant Complications Working Party (TCWP) Type of treatment Allogeneic Autologous Principal investigator Martin Schmidt-Hieber

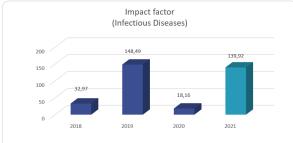
Key publications

2021 COVID-19 and stem cell transplantation; results from an EBMT and GETH multicenter prospective survey Group Infectious Diseases Working Party (IDWP)

1st listed author Per Ljungman Journal Leukemia. 2021 Seasonal Human Coronavirus Respiratory Tract Infection in Recipients of Allogeneic Hematopoietic Stem Cell Transplantation Group Infectious Diseases Working Party (IDWP) 1st listed author Jose Luis Piñana Journal J Infect Dis. 2021 Nocardia infections in hematopoietic cell transplant recipients: a multicenter international retrospective study of the Infectious Diseases Working Party (IDWP) of the European Society for Blood and Marrow Transplantation (EBMT) Group Infectious Diseases Working Party (IDWP) 1st listed author **D** Averbuch Journal Clin Infect Dis. 2021 Efficacy, safety and feasibility of treatment of chronic HCV infection with directly acting agents in hematopoietic stem cell transplant recipients - study of Infectious **Diseases Working Party of EBMT** Group Infectious Diseases Working Party (IDWP) 1st listed author Malgorzata Mikulska Journal | Infect. 2021 Association of pre-existing comorbidities with outcome of allogeneic hematopoietic cell transplantation. A retrospective analysis from the EBMT Group Acute Leukemia Working Party (ALWP)

Severe Aplastic Anaemia Working Party (SAAWP) Autoimmune Diseases Working Party (ADWP) Chronic Malignancies Working Party (CMWP) Inborn Errors Working Party (IEWP) Infectious Diseases Working Party (IDWP) Transplant Complications Working Party (TCWP) Lymphoma Working Party (LWP) Paediatric Diseases Working Party (PDWP) 1st listed author Olaf Penack Journal Bone Marrow Transplant. See the full list of the IDWP 2021 publications





2019 2020 2021

Oral presentations	1	3	2
Poster presentations	2	11	2
Educational events	2	1	2



<u>Event</u>

24th Infectious Diseases Working Party Educational Course

Nov 24, 2021 - Nov 26, 2021 / VIRTUAL MEETING Discover more



<u>Event</u>

EBMT Summit on COVID-19

Jun 29, 2021 - Jul 01, 2021 / Virtual Meeting Discover more