EBMT Annual report 2024



ScienceEducationPatient Care & Advocacy

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# **Entity Print**



Dina Averbuch
IDWP Chair (ELECTED APRIL 2024, PREVIOUS CHAIR: Rafael de la Cámara)
Israel

## **Major achievements**

Adequate management of transplant infectious complications is of paramount importance to improve patient outcome following HCT or CAR-T therapy. The IDWP continues to enriching the knowledge on infections, providing guidelines on their management, and promoting education.

#### Team update

After four successful years of serving as an IDWP Chair, Rafael de la Camara (Spain) has completed his term. Dina Averbuch (Israel) was elected as a Chair of the IDWP, Jan Styczynski (Poland) is a Secretary of IDWP, and Dilnasheen Safdar (Pakistan) joined an IDWP as a nurse.

#### **IDWP Organigram**

Ten IDWP subcommittees, chaired by IDWP board members, are actively involved in the ongoing and planned scientific activities. The IDWP organigram is presented on the IDWP Webpage.

#### **Scientific activity**

During 2024 IDWP published 7 manuscripts, had 4 oral and 7 poster presentations. Among them:

- Novel ECIL-9 recommendations on management of toxoplasmosis in HSCT recipients (Aerts, ... Cordonnier Lanc Inf Dis 2024)
- In collaboration with the Practice Harmonization and Guidelines Committee, the IDWP experts development definitions related to communityacquired respiratory viruses and ADV infections in HCT recipients (Pinana, Cesaro Curr Res Transl Med 24)
- A new analysis of the COVID-19 database revealed decreased COVID-19-related mortality over time (Spanjaart, Ljungman Leukemia 2024)
- A registry-based analysis of factors associated with mortality in children and adults with adenovirus (ADV) infection after allo-HCT (Styczynski BMT 2024)
- Two retrospective multinational case-control study identified risk factors for Nocardiosis and Listeriosis among HSCT patients (De Greef, Averbuch J Infection 2024; Averbuch et al. TCT 2024)

#### **Educational activities:**

- a Joint Symposium with European Society for Pediatric Infectious Diseases in Copenhagen, attended by ~450 participants
- an ECIL-10 meeting providing guidelines on CMV infections (Chairs Per Ljungman and Rafael de la Camara), *Clostridioides difficile* infections (Malgorzata Mikulska), antifungal prophylaxis (Livio Pagano), COVID-19 (Simone

- Cesaro), respiratory infections (Hans Hirsch), and febrile neutropenia (Dina Averbuch).
- 27th IDWP-EBMT Educational Course of the IDWP took place in Geneva, Switzerland, with 110 attendees from 22 countries. An excellent scientific program prepared by the local organizers (Anne Bergeron and Dennis Neofytos) was highly appreciated by attendees. Seven young physicians presented cases and four educational grants were awarded by the EBMT.







## **Principal research studies**

Incidence and outcome of post-transplant haemorrhagic cystitis in patients who undergo allogeneic haematopoietic cell transplantation

Study type

Closed Survey/Study

Diseases

All diseases

Group

Infectious Diseases Working Party (IDWP)

Type of treatment

<u>Allogeneic</u>

Principal investigator

Simone Cesaro

Fusarium infections in allogeneic hematopoietic cell transplant recipients

Study type

**Retrospective Studies** 

Diseases

Complications: infectious

<u>Group</u>

Infectious Diseases Working Party (IDWP)

Type of treatment

Allogeneic

Principal investigator

Dina Averbuch

Survey on ICU organization and ICU admission after haematopoietic cell

transplantation with special emphasis on infectious causes

Study type

Closed Survey/Study

<u>Diseases</u>

All diseases

Group

Infectious Diseases Working Party (IDWP)

**Transplant Complications Working Party (TCWP)** 

Type of treatment

Allogeneic

<u>Autologous</u>

Principal investigator

Joanna Drozd-Sokolowska

Infections following CAR-T therapy. A retrospective collaborative study between the Infectious Diseases Working Party (IDWP), the Cellular Therapy and Immunobiology Working Party (CTIWP), the Transplant Complications Working Party (TCWP) of the EBMT, the European Hematology Association (EHA), and the Medical College of

Wisconsin.

Study type

Closed Survey/Study

Diseases

Non-Hodgkin's Lymphoma (NHL)

Acute Lymphatic Leukaemia (ALL)

Group

**GoCART Coalition** 

Infectious Diseases Working Party (IDWP)

Cellular Therapy & Immunobiology Working Party (CTIWP)

Transplant Complications Working Party (TCWP)

Type of treatment

**CAR T** 

Principal investigator

Dina Averbuch

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

<u>Allogeneic</u>

<u>Autologous</u>

Principal investigator

Martin Schmidt-Hieber

## **Key publications**

2024

Adenovirus infections after allogeneic hematopoietic cell transplantation in children and adults: a study from the Infectious Diseases Working Party of the European Society for Blood and Marrow Transplantation

Group

Infectious Diseases Working Party (IDWP)

1st listed author

Jan Styczynski

Journal

Bone Marrow Transplant.

2024

Pitfalls in definitions on respiratory viruses and particularities of Adenovirus infection in hematopoietic cell transplantation patients: Recommendations from the EBMT practice harmonization and guidelines committee

Group

Infectious Diseases Working Party (IDWP)

Practice Harmonisation and Guidelines Committee

1st listed author

José Luis Piñana

Journal

Curr Res Transl Med.

2024

Guidelines for the management of Toxoplasma gondii infection and disease in patients with haematological malignancies and after haematopoietic stem-cell transplantation: guidelines from the 9th European Conference on Infections in Leukaemia, 2022

Group

Infectious Diseases Working Party (IDWP)

Other society

1st listed author

Robina Aerts

<u>Journal</u>

Lancet Infect Dis.

2024

Risk factors for Nocardia infection among allogeneic hematopoietic cell transplant recipients: A case-control study of the Infectious Diseases Working Party of the European Society for Blood and Marrow Transplantation

Group

Infectious Diseases Working Party (IDWP)

1st listed author

Julien De Greef

Journal

J Infect.

2024

Improved outcome of COVID-19 over time in patients treated with CAR T-cell therapy: Update of the European COVID-19 multicenter study on behalf of the European Society for Blood and Marrow Transplantation (EBMT) Infectious Diseases Working Party (IDWP) and the European Hematology Association (EHA) Lymphoma Group

Group

Cellular Therapy & Immunobiology Working Party (CTIWP)

Infectious Diseases Working Party (IDWP)

1st listed author

Anne Mea Spanjaart

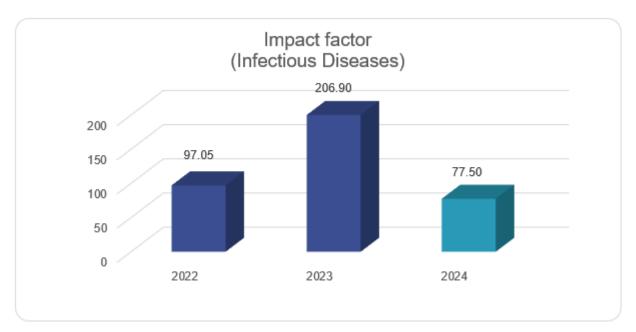
Journal

Leukemia.

See the full list of the IDWP 2024 publications



## **Indicators**



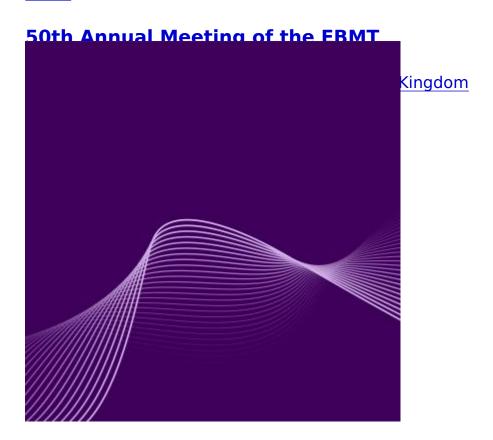
#### 2022 2023 2024

Oral presentations 6 7 4
Poster presentations 7 3 8
Educational events 2 2 4

# **Major educational events**



### **Event**



### **Event**

## **27th Infectious Diseases Working Party Educational Course**

Nov 07, 2024 - Nov 09, 2024 / Geneva, Switzerland

<u>Discover more</u>

VISIT THE IDWP WEBPAGE