



Infectious Diseases Working Party

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| Chair: | Dina Averbuch | Secretary: | Jan Styczynski |
| Study Coordinator Lead: | Nina Knelange | Statisticians: | Gloria Tridello Juana Schwartz Mota |
| Study Coordinators: | Inge Verheggen Lotus Wendel | Nurse: | Dilnasheen Safdar |

IDWP in 2024

Major Achievements

At the **50th EBMT Annual Meeting** in Glasgow, Scotland, the IDWP session was at the 4th place among 12 Working Parties sessions with a total of 471 attendees, onsite or online.

Our past IDWP Chair and founder of the European Conference on Infections in Leukemia (ECIL),

Catherine Cordonnier, is awarded **EBMT Honorary member**.



Catherine Cordonnier

We welcomed our new **IDWP nurse** Dilnasheen Safdar from Lahore, Pakistan.

In 2024 the IDWP introduced 10 **subcommittees**; on HSV/CMV, EBV, Covid/respiratory viruses, other viral infections, fungal infections, bacterial infections, rare infections, CAR-T, vaccines, and Communication and Young investigators.

In May 2024, Dina Averbuch (chair) and Rafael de la Camara (former chair) chaired and presented at the **joint symposium EBMT-ESPID** with 450 participants.

The **10th European Conference on Infections in Leukemia (ECIL)** in Nice, France, included updates on CMV infections lead by Per Ljungman and Rafael de la Camara, Clostridioides difficile infections by Malgorzata Mikulska, antifungal prophylaxis by Livio Pagano, COVID-19 and respiratory infections by Simone Cesaro and Hans Hirsch, and bacterial new drugs – duration of therapy – febrile neutropenia by Dina Averbuch.

In November 2024, we welcomed the IDWP community in Geneva, Switzerland, for the **27th IDWP-EBMT Educational Course**, with 110 attendees from 22 different countries. Overall educational value was 4.5 out of 5! Local organizers were Anne Bergeron and Dennis Neofytos, 7 case presenters and 4 educational grants were awarded.

The IDWP HIV study was selected as a **pilot study in 'StudyManager'**; the new tool for electronic data collection, former MED-C, within the Registry.

Overall, in 2024, the IDWP had 11 **publications** and 4 oral and 7 poster presentations at international conferences.

Currently ongoing studies

- HIV-positive patients undergoing HCT (A. Paviglianti)
- Maribavir (A. Paviglianti)
- CMV and non-relapse mortality in CAR-T (R. de la Camara, D. Averbuch)

Key publications in the past year

- Guidelines for the management of Toxoplasma gondii infection and disease in patients with haematological malignancies and after HSCT. R. Aerts et al. 9th ECIL
- Risk factors for Nocardia infection among allogeneic HCT recipients. A case-control study of the IDWP. J. de Greef, D. Averbuch et al. Journal of Infection
- Adenovirus infections after allogeneic HCT in children and adults. J. Styczynski et al. BMT
- Improved outcome of COVID-19 over time in patients treated with CAR T-cell therapy. A. Spanjaart, P. Ljungman et al. Leukemia
- Pitfalls in definitions on respiratory viruses and particularities of Adenovirus infection in HCT: Recommendations from the EBMT practice harmonization and guidelines committee. J.L. Pinana, S. Cesaro et al. Curr. Res. Transl. Med.
- Listeria monocytogenes infections in HCT. D. Averbuch et al. Transplant. Cell. Ther.

Participants of the 27th IDWP Educational Course, Geneva, 2024



IDWP plans for 2025

Studies

- Bacterial and fungal infections in CAR-T therapy (C. Oltolini, M. Mikulska, D. Averbuch) – GoCART supported project
- Recombinant zoster vaccine, Shingrix feasibility survey (M. Stamouli)
- Vaccination in CAR-T (A. Piekarska)
- EBV PTLD (J. Styczynski)
- Scedosporium (C. Garonzi, S. Cesaro)
- Neglected Tropical Infections (J. Snowden)

Young Investigators and communication subcommittee (S. Cesaro)

We invite young investigators, within 10 years of their professional carrier, to have a more active role within future IDWP studies and our subcommittees. Possibility to perform studies, for example based on a case presentation, under the close supervision of a senior IDWP expert in that area.

Educational activities in 2025

The 28th IDWP-EBMT Educational Course, 20 – 22 November 2025, Wurzburg, Germany, Local organizer: Daniel Teschner

51st Annual Meeting of EBMT (30 March – 2 April, Florence, Italy)

IDWP-organised sessions

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| IDWP Business Meeting | <u>Mon, March 31, 7.00-8.45h</u> |
| IDWP Working Party Session | <u>Mon, March 31, 9.00-10.15h</u> |

Chair: Dina Averbuch and Jan Styczynski

- P. Ljungman – State of the art: CMV management 2025: new ECIL guidelines
- M. Hoenigl – Challenges in the management of mold infections
- M. Akova – How shall I manage neutropenic patient with severe sepsis?
- M. Mikulska & D. Neofytos – Top 10 publications in HCT infections 2024-2025

Other Infection-related sessions

- **TD3. Trainee day** Sun, March 30, 14.30-15.45h
- **Going viral: an educated gameshow - EBV-infections and PTLD / CMV-infections with and without letermovir / Multi-drug-resistant infections worldwide in allogeneic HCT recipients / Gameshow**
- **MTE-02. Meet-the-Expert** Mon, March 31, 7.45-08.45h
- **Respiratory viruses including SARS-CoV-2**
- **W02. Workshop** Mon, March 31, 11.00-12.30h
- **Vaccine and other prevention strategies - Locally endemic infections pre-transplant evaluation and post-transplant evaluation and prevention / What is new in vaccination after allo and auto HCT in the era of post-HCT chemo-immunotherapy / Adoptive cellular therapy**
- **MTE-13. Meet-the-Expert** Tue, April 1, 7.45-08.45h
- **Infections after CAR-T**
- **E06. Educational** Tue, April 1, 9.00-10.30h
- **MDR bacterial and fungal pathogens in 2025 - What is new in diagnosis of resistant infections / Treatment of multi-drug-resistant gram-negatives / Antifungal prophylaxis and treatment / Novel therapies from the clinical pharmacologist's point of view**
- **W04. Workshop - Pulmonary complications** Tue, April 1, 9.00-10.30h
- **Is it infection? Optimal diagnostic strategies in evaluation of lung lesions**
- **NG12. Nurses - Infections** Tue, April 1, 9.00-10.30h
- **Vaccinations / Central nervous system infections / Gut infections and microbiome recovery / Post-transplant lymphoproliferative disease**
- **E07. Educational - Viral infections** Tue, April 1, 11.00-12.30h
- **Controversies in HHV6 - (1) What is the clinical impact in HCT and CAR-T / Controversies in HHV6 - (2) How to monitor and treat HHV6 / Treatment of CARVs in 2025 / Management of BKV and ADV infections**

IDWP-affiliated oral presentations

- **OS1. Viral infections** Mon, March 31, 14.30-15.45h
- **OS1-04 - J. Styczynski** – Impact of donor and recipient EBV-serostatus on incidence of acute and chronic GVHD after haploidentical hematopoietic cell transplantations
- **OS1-08 - S. Cesaro** – Practices and the management of post-transplant haemorrhagic cystitis (HC) after allogeneic hematopoietic cell transplantation (HCT)
- **OS16. Bacterial and fungal infections** Wo, April 2, 12.30- 13.45h
- **OS16-05 - J. Drozd-Sokolowska** – Survey on ICU organisation and admission after haematopoietic cell transplantation with special emphasis on infectious cause
- **OS16-07 - D. Averbuch** – Invasive fusariosis following allogeneic hematopoietic stem cell transplantation
- **OS16-08 - M. Yeshurun** – The effect of antibacterial prophylaxis on early post-transplant mortality in myeloma and lymphoma patients undergoing autologous HCT

IDWP-affiliated poster presentations

- **A191 - J. Snowden** – Neglected tropical diseases (NTD) and related infections in haematopoietic cellular therapy (HCT) in adults and children
- **A196 - R. de la Camara, D. Averbuch** – CMV reactivation in patients with lymphoma after CAR-T therapy
- **A202 - D. Averbuch** – Surveillance and prophylaxis of infections following CAR-T cell therapy
- **A268 - S. Cesaro** – Incidence, type and outcome post-transplant haemorrhagic cystitis (HC) after allogeneic hematopoietic cell transplantation (HCT)

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