



9th International Transplant and Cellular Therapy Course

Barcelona, Spain
6-8 September 2024

WELCOME

Dear colleagues,

We are pleased to announce the 9th edition of the International Transplant and Cellular Therapy Course to be held once again in Barcelona (Spain) on 6-8 September 2024.

We hope it will be as successful as the prior editions; although COVID19 pandemics has modified our life, it has not decreased the interest for this course, which is already “a classic” within the EBMT Educational Portfolio. The course has a clear objective, the critical review of the most outstanding aspects in the field of hematopoietic progenitor transplantation, other cell therapy strategies as well as gene therapy. Through different presentations made by experts in the field, in an agile and interactive format, the aim of this event is the direct participation of young people through the presentation of clinical cases, among other activities.

As in prior editions, the course will take place over three days with two distinct tracks in order to embrace as many professionals as possible; the adult and paediatric tracks will focus on the specific peculiarities of these two populations of patients.

We hope that this new edition will also be of interest to you and that you will be encouraged to collaborate; your participation will undoubtedly be a key factor in its success. If you are interested in sponsoring this meeting, please contact fundraising@ebmt.org

Yours sincerely,

The Organising Committee

Anna Sureda - EBMT President

Fabio Ciceri | Scientific Council Chair with Research&Sciences Portfolio

Donal McLornan | Scientific Council Co-Chair with Research&Sciences Portfolio

Annalisa Ruggeri | Scientific Council Representative with Education Portfolio

Krzysztof Kalwak | PDWP Chair

Claire Horgan | Co-Chairperson Trainee Committee, Paediatric Haematology Trainee

Nico Gagelmann | Co-Chairperson Trainee Committee, Internal Medicine Trainee

Mohamad Mohty | EBMT Past President, 2014-2018

09:00 - 10:00	Welcome and Introduction Chairs: Anna Sureda (ES), Nico Gagelmann (DE) & Claire Horgan (UK)	
09:00 - 09:15	What is EBMT	Anna Sureda (ES)
09:15 - 09:30	What is WMDA	Lydia Foeken (NL)
09:30 - 09:45	What is JACIE	Bruna Gotardo (ES)
09:45 - 10:00	Q&A	
10:00 - 11:15	Session I: Basics to know Chairs: Daniele Sannipoli (IT) & Mette Hazenberg (NL)	
10:00 - 10:15	HLA-system	Pietro Crivello (DE)
10:15 - 10:30	Role of germline predisposition	Carmelo Gurnari (IT)
10:30 - 10:45	Donor selection and graft source	Frédéric Baron (BE)
10:45 - 10:50	Case Presentation 1: CEBPA germinal variant carrier family: Importance of basal genetic studies and donor selection	
10:50 - 11:15	Q&A	Shiomara R. Quiñones (ES)
11:15 - 11:45	Coffee Break	
11:45 - 13:00	Session II: Old but new? Chairs: Esra Gülderen (TR) & Annoek Broers (NL)	
11:45 - 12:00	Conditioning regimen and intensity	Francesca Kinsella (UK)
12:00 - 12:15	Engraftment, graft failure, poor graft function	Fabio Ciceri (IT)
12:15 - 12:30	Measurable residual disease	Felicitas Thol (DE)
12:30 - 12:35	Case Presentation 2: A Case of CD19-directed CAR-T Cell Therapy in a Patient with refractory Anti-Jo1-Antisynthetase-Syndrome	Johanna Richter (DE)
12:35 - 12:40	Case Presentation 3 : Re-achievement of MRD negativity in a patient with FLT3-mutated acute myeloid leukemia after HCT	Giulia Furnari (IT)
12:40 - 13:00	Q&A	
13:00 - 13:45	Lunch Break	
13:45 - 14:30	Industry Symposium “30 years of treating GvHD with ECP” by Therakos	
13:45 - 13:50	Introduction	Anna Sureda (ES)
13:50 - 14:20	After using ECP in GvHD for 30 years - does the number of cells treated matter?	Nina Worel (AT)
14:05 - 14:20	ECP as monotherapy or combination option in GvHD patients in the era of personalized medicine	Nicolaus Kröger (DE)
14:20 - 14:30	Discussion	All faculty
14:30 - 16:00	Session III: Statistical and ethical considerations Chairs: Daniele Sannipoli (IT) & Michelle Kenyon (UK)	
14:30 - 14:50	Statistics	Jacques-Emmanuel Galimard (FR)
14:50 - 15:10	Non-relapse mortality from patient perspective	Natacha Bolaños (ES)
15:10 - 15:30	Patient and Caregiver Outcomes After CAR T-cell Therapy	Anna Barata (US)
15:30 - 15:45	Palliative care: when enough is enough?	Jennifer Vidrine (UK)
15:45 - 16:00	Q&A	



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16:00 - 16:30 **Coffee Break**

16:30 - 18:00 **Session IV: GVHD**

Chairs: *Gabriele Facchin (IT) & Zinaida Perić (HR)*

16:30 - 16:45 Prophylaxis and diagnosis

Carmen Martinez (ES)

16:45 - 17:00 Treatment of acute GVHD

Giorgia Battipaglia (IT)

17:00 - 17:15 Treatment of chronic GVHD

Zinaida Perić (HR)

17:15 - 17:35 Q&A

17:35 - 17:40 Case presentation 4: Fatal acute graft-versus-host disease in Sezary Syndrome treated with

Mogamulizumab and hematopoietic cell transplantation

Gentiana Elena Trotta (IT)

17:40 - 17:45 Case Presentation 5: New onset dysphagia in a patient affected by chronic GvHD: the importance of differential diagnosis

Maria Helena Parrinello (IT)

17:45 - 18:00 Q&A

18:15 - 19:45 **Poster Tour and Welcome Reception**

Tour moderators: **Fabio Ciceri (IT), Tomasz Czerw (PL), Krzysztof Kalwak (PL), Bénédicte Neven (FR)**

09:00 - 09:50	Session V: Indications for allogeneic HCT in Adults – MDS and MPN Chairs: <i>Tomasz Czerw (PL) & Kristin Rathje (DE)</i>	
09:00 - 09:25	Introductory Case-based MDS – Discussion	Kristin Rathje (DE) Nicolaus Kröger (DE) Carolyn Maharaj (UK) Tomasz Czerw (PL)
09:25 - 09:50	Introductory Case-based MPN – Discussion	
09:50 - 10:40	Session VI: Indications for allogeneic HCT in Adults – Leukemia Chairs: <i>Fabio Ciceri (IT) & Vera Radici (IT)</i>	
09:50 - 10:15	Introductory Case-based AML – Discussion	Samantha Drummond (UK) Charles Craddock (UK) Ryszard Swoboda (PL) Sebastian Giebel (PL)
10:15 - 10:40	Introductory Case-based ALL – Discussion	
10:40 - 11:10	Coffee Break	
11:10 - 12:30	Session VII: Challenging Cases in allogeneic HCT Chairs: <i>Fabio Ciceri (IT) & Tomasz Czerw (PL)</i>	
11:10 - 11:30	Panellists: <i>Charles Craddock (UK), Nicolaus Kröger (DE) & Tomasz Czerw (PL) & Sebastian Giebel (PL)</i> Transplant for bone marrow failures	Antonio Risitano (IT)
11:30 - 11:35	Case Presentation 6: Refractory All Requiring CAR-T Cells And Hsct in a Patient with Cystic Fibrosis	Benedetta Elena Di Majo (IT)
11:35 - 11:50	Discussion	
11:50 - 11:55	Case Presentation 7: Donor Cell Myelodysplastic Syndrome after 10 years of related HLA matched Bone Marrow Transplant	Flor Maria Armillas Canseco (MX)
11:55 - 12:10	Discussion	
12:10 - 12:15	Case Presentation 8: Case Presentation 8: Transforming Allo-HCT Eligibility Through Pre-Habilitation: A Case Report of a Patient with Myelodysplastic Syndrome	Ares Guardia (ES)
12:15 - 12:30	Discussion	
12:30 - 13:15	Lunch Break	
13:15 - 14:00	Industry Symposium ‘Treosulfan as a conditioning agent for allogeneic hematopoietic stem cell transplantation’ by medac Your choice for adult patients A universal agent for pediatric stem cell transplantation	Jose A. Pérez Simón (ES) Krzysztof Kałwak (PL)
14:00 - 15:40	Session VIII: Indications for transplant and CAR-T Chairs: <i>Patrick Hayden (IE) & Marion Larue (FR)</i>	
14:00 - 14:15	Multiple myeloma: Transplant	Meral Beksac (TR) Nico Gagelmann (DE) Ines Zugasti (ES)
14:15 - 14:30	Multiple myeloma: CAR-T	
14:30 - 14:35	Case Presentation 9: CAR-T cell for AL amyloidosis: a clinical challenge	
14:35 - 14:50	Q&A	
14:50 - 15:05	Lymphoma: Transplant	Ali Bazarbachi (LB) Alberto Mussetti (ES)
15:05 - 15:20	Lymphoma: CAR-T	
15:20 - 15:25	Case Presentation 10: Refractory hydro vacciniiform-like cutaneous T- cell lymphoma secondary to Epstein-Barr virus infection successfully treated with allogeneic hematopoietic stem cell transplantation: A case report	Pedro Valeri (BR)
15:25 - 15:40	Q&A	



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15:40 - 16:00

Coffee Break

16:00 - 17:00

Keynote Lectures

Chairs: *Rosamaria Nitti (IT)*

16:00 - 16:20

Novel frontiers: CAR-T in AID

16:20 - 16:40

Current status of autologous HCT in AID

16:40 - 17:00

Q&A

Raffaella Greco (IT)

Tobias Alexander (DE)

09:00 - 10:20	Session I: Acute leukaemia in children Chairs: Krzysztof Kałwak (PL) & Claire Horgan (UK)	
09:00 - 09:20	HSCT for AML in 2024- who, how and when?	Claire Horgan (UK)
09:20 - 09:50	Latest updates for HSCT in Paediatric ALL	Christina Peters (AT)
09:50 - 10:10	Challenging cases in paediatric ALL-CAR-T and beyond	Krzysztof Kałwak (PL)
10:10 - 10:15	Case presentation 11: Low disease burden before CAR-T cell infusion highly reduces therapy-related toxicities	Paweł Marschollek (PL)
10:15 - 10:40	Q&A and discussion	
10:40 - 11:10	Coffee Break	
11:10 - 12:30	Session II: Inborn errors of metabolism Chairs: Bénédicte Neven (FR) & Katherine Colman (AU)	
11:10 - 11:30	HSCT vs gene therapy for metabolic disease	Valeria Calbi (IT)
11:30 - 11:50	Stem cell therapy for immune deficiency in 2024	Bénédicte Neven (FR)
11:50 - 12:10	HSCT for immune dysregulation	Bénédicte Neven (FR)
12:10 - 12:30	Discussion	
12:30 - 13:15	Lunch Break	
13:15 - 14:00	Industry Symposium 'Treo sulfan as a conditioning agent for allogeneic hematopoietic stem cell transplantation' by medac in Paranimf room Your choice for adult patients A universal agent for pediatric stem cell transplantation	Jose A. Pérez Simón (ES) Krzysztof Kałwak (PL)
14:00 - 15:30	Session III: Haemoglobinopathies and bone marrow failure syndromes Chairs: Emanuele Angelucci (IT) & Manuela Spadea (IT)	
14:00 - 14:20	HSCT vs gene therapy for haemoglobinopathy	Emanuele Angelucci (IT)
14:20 - 14:40	Case-based approach to HSCT for congenital bone marrow failure syndromes	Carlo Dufour (IT)
14:40 - 15:00	HSCT for paediatric MDS in 2024- who, how and when?	Brigitte Strahm (DE)
15:00 - 15:05	Case presentation 13: Mismatched sibling T Cell Receptor alpha/beta depleted myeloablative transplantation in a patient with recurrent hyperhaemolysis and multiple sickle cell disease related comorbidities – a challenge	Akshay Deshpande (UK)
15:05 - 15:30	Discussion	

Sunday, 8 September 2024
Plenary Room: Paranimf

09:00 - 10:30	Session IX: Endothelial and neurologic complications after HCT Chairs: <i>Mustafa Güven (TR) & Giorgio Orofino (IT)</i>	
09:00 - 09:15	VOD	Rafael Duarte (ES)
09:15 - 09:30	Neurological complications (non-infectious)	Lars Klinge Gjerde (DK)
09:30 - 09:45	TMA	Rafael Duarte (ES)
09:45 - 10:00	Q&A	
10:00 - 10:15	Long-term complications	Michelle Kenyon (UK)
10:15 - 10:20	Case Presentation 14: Thinking outside the box: differential diagnosis between VOD and PTCy toxicity	Francesca Mazzocco (IT)
10:20 - 10:30	Q&A	
10:30 - 11:00	Coffee Break	
11:00 - 12:30	Session X: Infections Chairs: <i>Jan Styczyński (PL) & Johanna Richter (DE)</i>	
11:00 - 11:15	CMV	Jan Styczyński (PL)
11:15 - 11:30	Other Herpesviridae	Jose Luis Piñana (ES)
11:30 - 11:45	Fungal	Maya Korem (IL)
11:45 - 11:50	Case Presentation 15: SARS-COV-2 and dengue virus co-Infection during Cytomegalovirus Preemptive Treatment after Haploidentical Hematopoietic Stem Cell Transplantation for Acute Myeloid Leukemia: A Brazilian Case Report	Noemi Lira (BR)
11:50 - 12:10	Q&A	
12:10 - 13:15	Session XI: Complications after CAR-T Chairs: <i>Anna Sureda (ES), Krzysztof Kalwak (PL)</i>	
12:10 - 12:25	CRS & ICANS	Roberta Di Blasi (FR)
12:25 - 12:40	HLH & MAS	Matteo Doglio (IT)
12:40 - 12:55	Critical care management of BMT/CAR-T patients	Pedro Castro (ES)
12:55 - 13:15	Q&A	
13:15 - 13:30	Closing and Poster Awards	

FACULTY LIST

Tobias Alexander (Germany)
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