4th JOINT ASTCT + EBMT

Basic and Translational **SCIENTIFIC MEETING**

14-16 May 2025 • Lisbon, Portugal



Day 1: Wednesday, May 14

Morning sessions			
09:00 - 09:15 (15 mins)	Welcome and Introduction		
Topic: Fibrosis			
	Session Chair: Bruce Blazar		
09:15 — 09:40 (25 mins)	Kevin Hart (US) Overview on fibrosis		
09:40 - 10:05 (25 mins)	Christian Stockmann (CH) Immunotherapeutical Targeting of Fibrogenic Cells		
10:05 – 10:30 (25 mins)	Geoff Hill (US) Delineating clinically tractable pathogenic pathways of chronic GVHD in patients		
10:30 – 11:00 (30 mins)	Panel discussion and Q&A		
11:00 – 11:30	Break		
Topic: Genome Editing Session Chair: Chiara Bonini			
11:30 – 11:55 (25 mins)	Eliana Ruggiero (IT) TCR-engineered T cell therapy comes of age: generating safe and effective treatments for acute myeloid leukemia		
11:55 – 12:20 (25 mins)	Lukas Jeker (CH) CD45 Gene Editing		
12:20 – 12:45 (25 mins)	William Nyberg (SE) In vivo site-specific integrations to reprogram T cells		
12:45 – 13:15 (30 mins)	Panel discussion and Q&A		
	Afternoon sessions		
13:15 – 17:00	Lunch and Afternoon Networking		
Best Abstracts (I) Session Chair: Pavan Reddy			
17:00 — 17:15 (12 mins + 3 mins Q&A)	Julie Boiko (US) High-resolution spatial transcriptomic analysis of cutaneous chronic graft-versus-host disease highlights CSFIRintLYZhi macrophage infiltration with aberrant keratinocyte and fibroblast differentiation		
17:15 – 17:30 (12 mins + 3 mins Q&A)	Mary Riwes (US) Rational Modification of Human Gut Microbiome and Metabolites by Dietary Resistant Starch in Allogeneic Hematopoietic Stem Cell Transplantation (allo-HCT) to mitigate acute graft versus host disease (aGVHD): A Phase II study clinical and biological correlatives update		
17:30 – 17:45 (12 mins + 3 mins Q&A)	Sangya Chatterjee (DE) Gut-microbiota derived N,N,N-trimethyl-5-aminovaleric acid (TMAVA) is a modulator of CNS-acute GVHD		
17:45 - 18:00 (12 mins + 3 mins Q&A)	Verena Holzmüller (DE) The anti-inflammatory peptide RLS-007l (pegtarazimod) reduces acute graft-versus-host disease (aGVHD) by modulating immune cells and enterocytes		
18:00 – 19:00	Poster Tour + Networking Hour		
19:00 – 20:45	Dinner session Eliane Gluckman (FR) Sickle cell disease new developments		

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Day 2: Thursday, May 15

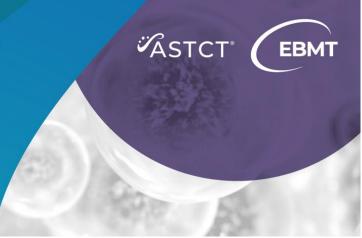
Morning sessions		
Topic: T-Cell Engineering		
Session Chair: Stan Riddell		
09:00 – 09:25	Johannes Huppa (DE)	
(25 mins)	Understanding T-cell antigen recognition to inform designs of T-cell-based therapies - insights from	
00.05 00.50	molecular imaging Stan Riddell (US)	
09:25 - 09:50 (25 mins)	Strategies for improving CART cell therapies for cancer	
09:50 – 10:15	Yvonne Chen (US)	
(25 mins)	Engineering Multi-Pronged CAR-T Cells for Cancer Therapy	
10:15 – 10:45 (30 mins)	Panel discussion and Q&A	
10:45 – 11:15	Break	
Topic: Biology of Relapse		
Session Chair: Anna Sureda		
11:15 – 11:40	Jonathan Licht (US)	
(25 mins)	The role of NSD2 in high risk t(4;14) associated multiple myeloma	
11:40 – 12:05	Marieke Griffioen (NL)	
(25 mins)	T-cell responses against minor histocompatibility antigens after allogeneic stem cell transplantation	
12:05 – 12:30	José Ángel Martínez Climent (ES) T-cell immunotherapy response and resistance in mouse models of myeloma and lymphoma	
(25 mins) 12:30 – 13:00		
(30 mins)	Panel discussion and Q&A	
	Afternoon sessions	
13:00 – 17:00	Lunch and Afternoon Networking	
Best Abstracts (II)		
Session Chair: Nicolaus Kröger		
17:00 – 17:15	Laure Maneix (US)	
(12 mins + 3 mins Q&A)	COPII transport controls T-cell functions by regulating SREBP-1 mediated fatty acid metabolism	
17:15 – 17:30 (12 mins + 3 mins Q&A)	Anna-Sophia Baur (DE) Targeting miR-146a to improve CAR T cell therapy	
17:30 – 17:45		
(12 mins + 3 mins Q&A)	To be announced	
17:45 - 18:00	Omer Khalid (DE)	
(12 mins + 3 mins Q&A)	Timed targeting of cGAS / STING to improve tissue-regeneration and anti-tumor responses following allo-HSCT Meet-the-Professor Session	
18:00 – 19:00	Dinner Session	
19:00 – 20:45	Cliona Rooney (US)	
18.00 - 20.40	My journey developing virus-specific T-cells as Immunotherapy	
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Connecting Basic, Translational and Clinical Science

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Day 3: Friday, May 16

	Topic: Microbiome Session Chair: Ami Bhatt	
08:00 - 08:25 (25 mins)	Ami Bhatt (US) From Precise Microbial Genomics to Precision Medicine	
08:25 - 08:50 (25 mins)	Hendrik Poeck (DE) Harnessing microbial metabolites for T cell therapies	
08:50 - 09:15 (25 mins)	Robert Jenq (US) Microbiome and transplantation/cell therapies – the search for specific mechanisms	
09:15 - 09:45 (30 mins)	Panel discussion and Q&A	
	Closing remarks	
09:45 - 10:00 (15 mins)	Closing remarks	