

JOINT ASTCT + EBMT

Basic and Translational SCIENTIFIC MEETING

May 23-25, 2023 • Sitges, Spain

Preliminary Programme

Tuesday, 23 May 2023

9:00-9:15 Welcome and introduction

9:15-11:15 Immune metabolism

- 9:15 Metabolic control of T cell differentiation in cancer
- 9:45 Metabolic reprogramming of T cells to enhance GVL effects
- 10:15 Obesity, Inflammation and Cancer
- 10:45 Abstract presentation 1
- 10:55 Abstract presentation 2
- 11:05 Abstract presentation 3

Session Chair: Bruce Blazar

Greg Delgoffe
Robert Zeiser
Jeffrey Rathmell

11:10-11:45 Coffee break

11:45-13:45 Graft Vs Host Disease

- 11:45 Target tissue: Tolerance and reminiscence
- 12:15 T-cell exhaustion and GVHD/GVL
- 12:45 Exploiting dual GVHD and GVL function of regulatory T cells
- 13:15 Abstract presentation 4
- 13:25 Abstract presentation 5
- 13:35 Abstract presentation 6

Session Chair: Warren Shlomchik

Pavan Reddy
Teshima Takanori
Bruce Blazar

13:45-17:30 Lunch break

17:30-18:30 Poster tour + Networking Hour

18:30-20:30 Dinner session

Keynote presentation + networking dinner

Session Chair: Pavan Reddy

Megan Sykes

Wednesday, 24 May 2023

9:00-11:00 Stem cell biology

- 9:00 The Microbiome-IL-1 axis drives HSC inflamm-aging and clonal hematopoiesis
- 9:35 Harnessing the microenvironmental regulation for improved outcomes of HSCT
- 10:10 Targeted Anti-CD117 Antibody-Based Conditioning in Hematopoietic Stem Cell Transplantation
- 10:45 Abstract presentation 7

Session Chair: Markus Manz

Markus Manz
Simon F. Mendez
Judith Shizuru

11:00-11:30 Coffee break

11:30-13:30 Cell engineering

- 11:30 CAR T-cells for brain tumors
- 12:05 The UCL CAR-T programme: Better Targets, Better Targeting
- 12:40 Modulating T-cell memory and tumor glycosylation to improve CAR-T cell therapy
- 13:15 Abstract presentation 8

Session Chair: Chiara Bonini

Crystal Mackall
Claire Roddie
Monica Casucci

13:30-17:30 Lunch break

17:30-18:30 Meet-the-professor

18:30-20:30 Dinner session

Keynote presentation + networking dinner

Session Chair: Chiara Bonini

Luigi Naldini

Thursday, 25 May 2023

9:00-11:00 Anti-leukemic strategies and NK Cells I

- 9:00 Factors determining the transition from clonal hematopoiesis to myeloproliferative neoplasms and progression to myelofibrosis.
- 9:30 Off-The-Shelf Targeted NK Cell Therapies to Treat Leukemia
- 10:00 Effect of pre-leukemic mutations on hematopoietic stem cell and their progenies
- 10:30 TCR-T cell therapy for leukemia post-transplantation

Session Chair: Nicolaus Kröger

Radek Skoda
Jeffrey Miller
Dominique Bonnet
Marie Bleakley

11:00-11:30 Coffee break

11:30-12:30 Anti-leukemic strategies and NK Cells II

- 11:30 Training NK Cells for Enhanced Leukemia Attack
- 12:00 Editing of T and HASC for Improved CART Function
- 12:30 Abstract presentation 9

Session Chair: Harry Dolstra

Todd Fehniger
John DiPersio

12:30-12:45 Closing remarks