

Thursday, 10th October 2024

10:00 – 12:00 **Autoimmune Diseases & Cellular Therapy and Immunobiology WP Scientific Business Meeting**
Open for everybody

12:00 – 13:00 **Joint Autoimmune Diseases & Cellular Therapy and Immunobiology WP Scientific Business Meeting**
Open for everybody

14:00 – 15:00 **Session I: Current EBMT indications**

Chairs: Annalisa Ruggeri (IT) & Raffaella Greco (IT)

14:00 – 14:20 CART cells: standard indications and EBMT registry
14:20 – 14:40 EBMT Recommendations for autoimmune diseases undergoing CART cells
14:40 – 15:00 EBMT standard indications for HSCT in autoimmune diseases
15:00 – 15:10 Case Presentation

Annalisa Ruggeri (IT)
Raffaella Greco (IT)
John Snowden (UK)
To be decided

15:10 – 16:40 **Session II: Pathophysiology and novel therapeutic targets**

Chairs: Florent Malard (FR) & Tobias Alexander (DE)

15:10 – 15:30 Rheumatic and musculoskeletal diseases
15:30 – 15:50 Neurological autoimmune diseases
15:50 – 16:10 Inflammatory bowel diseases
16:10 – 16:30 Microbiome
16:30 – 16:40 Case presentation

Hans Ulrich Scherer (NL)
Paolo Muraro (UK)

Florent Malard (FR)
To be decided

16:40 – 17:10 **Coffee Break**

17:10 – 17:50 **Keynote lecture**

Chair: Jürgen Kuball (NL) & Katharina Fleishhauer (DE)
Challenges in Cell Therapy: TCR & CART

Chiara Bonini (IT)

Friday, 11th October 2024

09:00 – 10:00

Session III: Immunology

Chair: *Simona Pagliuca (FR) & Hans Ulrich Scherer (NL)*

09:00 – 09:20

Immune monitoring post HSCT

09:20 – 09:40

Immune monitoring post CART

09:40 – 10:00

GoCART update

Simona Pagliuca (FR)

Jürgen Kuball (NL)

10:00 – 10:45

Industry Symposium by Kyverna

CAR T cell therapy in autoimmune diseases – clinical experience with KYV-101

Further information will be available soon

10:45 – 11:15

Coffee Break

11:15 – 12:55

Session IV: Controversies in Cellular Therapies (part I)

Chairs: *Nicoletta del Papa (IT) & Eliane Gluckman (FR)*

11:15 – 11:55

Systemic Lupus Erythematosus

11:15 – 11:25

Standard treatment

11:25 – 11:35

HSCT

11:35 – 11:45

CART cells

11:45 – 11:55

Round table discussion

12:05 – 12:55

Systemic Sclerosis/Myositis

12:05 – 12:15

Standard treatment

12:15 – 12:25

HSCT

12:25 – 12:35

CART cells in Systemic Sclerosis

12:35 – 12:45

CART cells in myositis

12:45 – 12:55

Round table discussion

Luca Moroni (IT)

Tobias Alexander (DE)

Georg Schett (DE)

Marco Matucci (IT)

Nicoletta del Papa (IT)

Christina Bergmann (DE)

Jörg Henes (DE)

12:55 – 14:00

Lunch Break

14:00 – 15:40

Session IV: Controversies in Cellular Therapies (part II)

Chair: *Paolo Muraro (UK)*

14:00 – 14:40

Multiple Sclerosis

14:00 – 14:10

Standard treatments in Multiple Sclerosis

14:10 – 14:20

HSCT in Multiple Sclerosis

14:20 – 14:30

CART in Multiple Sclerosis

14:30 – 14:40

Round table discussion

14:50 – 15:40

Rare neurologic indications

14:50 – 15:00

Standard treatments in Neuromyelitis Optica

15:00 – 15:10

HSCT in Neuromyelitis Optica and Myasthenia Gravis

15:10 – 15:20

CART cells in Neuromyelitis Optica

15:20 – 15:30

CART cells in Myasthenia Gravis

15:30 – 15:40

Round table discussion

Sara Gil-Perotín (SP)

Matilde Inglese (IT)

Chris Heesen (DE)

Lucia Moiola (IT)

Basil Sharrack (UK)

Wei Wang (CN)

Aiden Haghikia (DE)

15:40 – 16:10

Coffee Break

16:10 – 17:10

Session V: Novel CAR technologies and indications

Chair: *Matteo Doglio (IT) & Vanderson Rocha (BR)*

16:10 – 16:25

Heterogeneity & efficacy of different engineered T cells

16:25 – 16:40

CAR-NK for cancer immunotherapy

16:40 – 16:55

"Off-the-Shelf" Allogeneic CART: how to overcome GvH and host alloreactivity

16:55 – 17:10

CAR Tregs in autoimmunity

17:10 – 17:20

Case presentation

Jürgen Kuball (NL)

Harry Dolstra (NL)

Eolia Brisott (FR)

Matteo Doglio (IT)

To be decided

Saturday, 12th October 2024

08:30 – 09:00	Special lecture in memory of Riccardo Saccardi Chairs: <i>Raffaella Greco (IT) & Annalisa Ruggeri (IT)</i> The long journey of HSCT in Multiple Sclerosis: from biology to clinical setting	Paolo Muraro (UK)
09:00 – 10:00	Session VI: CART cell toxicities Chair: <i>Ana Alarcón (SP) & Basil Sharrack (UK)</i>	
09:00 – 09:20	Cytokine Release Syndrome and Neurologic Toxicities for CART (incl. case)	Ana Alarcón (SP)
09:20 – 09:40	CART kinetics in PB/CSF for MS patients: correlation with outcome and toxicities	Johanna Richter (DE)
09:40 – 10:00	Toxicity profile of CART cells in ADs	
10:00 – 10:45	Industry Symposium “CAR T Therapy: Bringing a Decade of Successful Experience to Patients with Autoimmune Diseases” by BMS	
10:00 – 10:05	Introduction	
10:05 – 10:20	Optimizing CAR T Therapy: Challenges and Opportunities	
10:20 – 10:40	CAR T as the NEX-T Best Thing for patients with SLE, IIM and SSc	
10:40 – 10:45	Summary and Q&A	
10:45 – 11:15	<i>Coffee Break</i>	
11:15 – 12:15	Session VII: Late complications after cellular therapies Chairs: <i>John Snowden (UK) & Johanna Richter (DE)</i>	
11:15 – 11:35	Autoimmune complications post allo-HSCT	Arsene Mekinian (FR)
11:35 – 11:55	Secondary malignancies after CART cells	Fabio Ciceri (IT)
11:55 – 12:05	Case presentation	<i>To be decided</i>
12:05 – 12:15	Case Presentation	<i>To be decided</i>
12:15 – 13:15	Session VIII: Other cellular therapeutic approaches Chairs: <i>Rosamaria Nitti (IT) & Tobias Alexander (DE)</i>	
12:15 – 12:35	Neural stem cells	Angela Genchi (IT)
12:35 – 12:55	Mesenchymal stromal cells	Dominique Farge (FR)
12:55 – 13:15	Induced pluripotent stem cells	Richard Burt (USA)
13:15 – 13:30	Take-home messages from all the organizers	