

Immunology and Cellular Therapies in Autoimmune Diseases

Preliminary Programme

Milan, Italy
10-12 October 2024

Thursday, 10th October 2024

10:00 - 12:00 **Parallel Business Meetings**

12:00 - 13:00 **Joint Business Meeting**

14:00 - 15:10 **Session I: Current EBMT indications**

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

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

Karin Tarte (FR)

Paolo Muraro (UK)

Elena Ricart (ES)

Florent Malard (FR)

16:40 - 17:10 *Coffee Break*

17:10 - 17:50 **Keynote lecture**

Chair: Jürgen Kuball (NL)

Challenges in Cell Therapy: TCR & CART

Chiara Bonini (IT)

Friday, 11th October 2024

09:00 - 10:00 **Session III: Immunology**

Karin Tarte (FR) + Simona Pagliuca (FR)

09:00 - 09:20 Immune monitoring post HSCT

09:20 - 09:40 Immune monitoring post CART

09:40 - 10:00 GoCART update

Laura Simons (BE)

Simona Pagliuca (FR)

Chiara Bonini (IT)

Jürgen Kuball (NL)

10:00 - 10:45 **Industry Symposium**

10:45 - 11:15 *Coffee Break*

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11:15 - 12:55 **Session IV: Controversies in Cellular Therapies (part I)**

Chairs: Nicoletta del Papa (IT) & Florent Malard (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

Lorenzo Dagna (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)**

Chairs: Massimo Filippi (IT) + 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 Garcia (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**

Chairs: Mohamad Mohty (FR) + Matteo Doglio (IT)

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 allorejection

16:55 - 17:10 CAR Tregs in autoimmunity

17:10 - 17:20 Case presentation

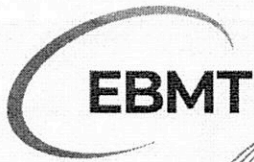
Jürgen Kuball (NL)

Eveline Ulrich (DE)

Mohamad Mohty (FR)

Matteo Doglio (IT)

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Saturday, 12th October 2024

08:30 - 09:00	Special lecture in memory of Riccardo Saccardi <i>Chairs: Annalisa Ruggeri (IT) & Raffaella Greco (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 <i>Chairs: Basil Sharrack (UK) & Ana Alarcón (SP)</i>	
09:00 - 09:20	Cytokine Release Syndrome and Neurologic Toxicities for CART (incl. case)	Ana Alarcón (SP)
09:20 - 09:40	Haematotoxicity	Marion Subklewe (DE)
09:40 - 10:00	Toxicity profile of CART cells in ADs	Fabian Müller (DE)
10:00 - 10:45	Industry Symposium	
10:45 - 11:15	Coffee Break	
11:15 - 12:15	Session VII: Late complications after cellular therapies <i>Chairs: Marion Subklewe (DE) & John Snowden (UK)</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	
12:05 - 12:15	Case Presentation	
12:15 - 13:15	Session VIII: Other cellular therapeutic approaches <i>Chairs: 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 (US)
13:15 - 13:30	Take-home messages from all the organizers	

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