

### Thursday, 10th October 2024

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

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

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

**Chair:** *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     Raffaella Greco (IT)

14:40 – 15:00     EBMT standard indications for HSCT in autoimmune diseases

15:00 – 15:10     Case Presentation

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

**Chair:** *Florent Malard (FR)*

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

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**

**Chair:** *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

Simona Pagliuca (FR)

Chiara Bonini (IT)

Jürgen Kuball (NL)

**10:00 – 10:45**     **Industry Symposium kindly sponsored by Kyverna**

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

**10:45 – 11:15**     **Coffee Break**

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|----------------------|---|-------------------------|
| <b>11:15 – 12:55</b> | <b>Session IV: Controversies in Cellular Therapies (part I)</b><br><b>Chairs:</b> Nicoletta del Papa (IT) & Florent Malard (FR) |                         |
| <b>11:15 – 11:55</b> | <b>Systemic Lupus Erythematosus</b>   |                         |
| 11:15 – 11:25        | Standard treatment  |                         |
| 11:25 – 11:35        | HSCT  |                         |
| 11:35 – 11:45        | CART cells  |                         |
| 11:45 – 11:55        | Round table discussion  |                         |
| <b>12:05 – 12:55</b> | <b>Systemic Sclerosis/Myositis</b>  |                         |
| 12:05 – 12:15        | Standard treatment  |                         |
| 12:15 – 12:25        | HSCT  | Nicoletta del Papa (IT) |
| 12:25 – 12:35        | CART cells in Systemic Sclerosis  |                         |
| 12:35 – 12:45        | CART cells in myositis  | Jörg Henes (DE)         |
| 12:45 – 12:55        | Round table discussion  |                         |
| <b>12:55 – 14:00</b> | <i>Lunch Break</i>  |                         |
| <b>14:00 – 15:40</b> | <b>Session IV: Controversies in Cellular Therapies (part II)</b>  |                         |
| <b>14:00 – 14:40</b> | <b>Multiple Sclerosis</b>   |                         |
| 14:00 – 14:10        | Standard treatments in Multiple Sclerosis   | Sara Gil-Perotin (SP)   |
| 14:10 – 14:20        | HSCT in Multiple Sclerosis  | Matilde Inglese (IT)    |
| 14:20 – 14:30        | CART in Multiple Sclerosis  |                         |
| 14:30 – 14:40        | Round table discussion  |                         |
| <b>14:50 – 15:40</b> | <b>Rare neurologic indications</b>  |                         |
| 14:50 – 15:00        | Standard treatments in Neuromyelitis Optica   | Lucia Moiola (IT)       |
| 15:00 – 15:10        | HSCT in Neuromyelitis Optica and Myasthenia Gravis  |                         |
| 15:10 – 15:20        | CART cells in Neuromyelitis Optica  | Wei Wang (CN)           |
| 15:20 – 15:30        | CART cells in Myasthenia Gravis   |                         |
| 15:30 – 15:40        | Round table discussion  |                         |
| <b>15:40 – 16:10</b> | <i>Coffee Break</i>   |                         |
| <b>16:10 – 17:10</b> | <b>Session V: Novel CAR technologies and indications</b>  |                         |
| 16:10 – 16:25        | Heterogeneity & efficacy of different engineered T cells  | Jürgen Kuball (NL)      |
| 16:25 – 16:40        | CAR-NK for cancer immunotherapy   |                         |
| 16:40 – 16:55        | "Off-the-Shelf" Allogeneic CART: how to overcome GvH and host allojection   |                         |
| 16:55 – 17:10        | CAR Tregs in autoimmunity   |                         |
| 17:10 – 17:20        | Case presentation   |                         |

Saturday, 12th October 2024

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| <b>08:30 – 09:00</b> | <b>Special lecture in memory of Riccardo Saccardi</b><br><b>Chair:</b> <i>Raffaella Greco (IT)</i><br>The long journey of HSCT in Multiple Sclerosis: from biology to clinical setting |
| <b>09:00 – 10:00</b> | <b>Session VI: CART cell toxicities</b>  |
| 09:00 – 09:20        | Cytokine Release Syndrome and Neurologic Toxicities for CART (incl. case)  |
| 09:20 – 09:40        | Haematotoxicity  |
| 09:40 – 10:00        | Toxicity profile of CART cells in ADs  |
| <b>10:00 – 10:45</b> | <b>Industry Symposium</b>  |
| <b>10:45 – 11:15</b> | <i>Coffee Break</i>  |
| <b>11:15 – 12:15</b> | <b>Session VII: Late complications after cellular therapies</b>  |
| 11:15 – 11:35        | Autoimmune complications post allo-HSCT  |
| 11:35 – 11:55        | Secondary malignancies after CART cells  |
| 11:55 – 12:05        | Case presentation  |
| 12:05 – 12:15        | Case Presentation  |
| <b>12:15 – 13:15</b> | <b>Session VIII: Other cellular therapeutic approaches</b><br><b>Chair:</b> <i>Rosamaria Nitti (IT)</i>  |
| 12:15 – 12:35        | Neural stem cells  |
| 12:35 – 12:55        | Mesenchymal stromal cells  |
| 12:55 – 13:15        | Induced pluripotent stem cells   |
| <b>13:15 – 13:30</b> | <b>Take-home messages from all the organizers</b>  |

Angela Genchi (IT)

Richard Burt (USA)