



Midterm Meeting on New Indications in Immune Dysregulatory, Autoinflammatory and Autoimmune Diseases

Preliminary Programme

Brescia, Italy
22-24 June 2023

Thursday, 22 June 2023

13:00 - 14:00 Registration

14:00 - 15:00 Session I: State of the art of HSCT in immunedysregulatory, autoinflammatory and autoimmune diseases

Chairs: Fabio Candotti (IT) & Fulvio Porta (IT)

14:00 - 14:20 HSCT in inborn errors of immunity

Bénédicte Neven (FR)

14:20 - 14:40 Autologous vs. allogeneic HSCT in AD

Raffaella Greco (IT)

14:40 - 15:00 Future of cellular therapies

Selim Corbacioglu (DE)

15:00 - 16:30 Session II: Pathophysiology

Chairs: Aleixo Muise (CA) & Raffaele Badolato (IT)

15:00 - 15:20 Genetics in lupus

Christian Hedrich (UK)

15:20 - 15:40 Mechanism of autoimmunity in IEI

Eleonora Gambineri (IT)

15:40 - 16:00 Plasma cells as drivers of chronic inflammation in autoimmune diseases

Falk Hiepe (DE)

16:00 - 16:20 T-cell compartment

Maria Teresa Cencioni (UK)

16:20 - 16:30 Discussion

16:30 - 17:00 Coffee Break

17:00 - 18:30 Session III: Key steps in the procedure

Chairs: Eleonora Gambineri (IT) & John Snowden (UK)

17:00 - 17:20 Transplant Indications according to EBMT guidelines

John Snowden (UK)

17:20 - 17:40 Conditioning regimen and ATG in AD

Riccardo Saccardi (IT)

17:40 - 18:00 Conditioning and serotherapy for IEI

Arjan Lankester (NL)

18:00 - 18:20 The role of low-dose radiotherapy

Fulvio Porta (IT)

18:20 - 18:30 Discussion

All talks include 5 minutes for Q&A at the end

Friday, 23 June 2023

08:30 - 10:00	Session IV: Neurologic diseases Chairs: Riccardo Saccardi (IT)	
08:30 - 08:50	HSCT in MS	Joachim Burman (SE)
08:50 - 09:10	HSCT in ADA2 deficiency	Isabelle Meyts (BE)
09:10 - 09:30	HSCT in rare neurologic indications	Basil Sharrack (UK)
09:30 - 09:40	Case presentation: Impact of AHST on acute and chronic neuroinflammation in aggressive multiple sclerosis	Giacomo Boffa (IT)
09:40 - 09:50	Case presentation: Fludarabine and cyclophosphamide as safety and affective lymphoablative conditioning regime for multiple sclerosis	
09:50 - 10:00	Discussion	
10:00 - 11:30	Session V: Lupus and vascular diseases Chairs: Christian Hedrich (UK) & Falk Hiepe (DE)	
10:00 - 10:25	Transplant in lupus	Tobias Alexander (DE)
10:25 - 10:50	HSCT in interferonopathies	Marie Louise Fremond (FR)
10:50 - 11:15	AHST in BEHCET's disease	Mathieu Puyade (FR)
11:15 - 11:25	Case presentation: Long-term Disease Remission of Neuromyelitis Optica with Allogeneic Hematopoietic Stem Cell	
11:25 - 11:30	Discussion	
11:30 - 12:00	Coffee Break	
12:00 - 13:40	Session VI: Hematopoiesis Chairs: Bénédicte Neven (FR) & Alessandro Aiuti (IT)	
12:00 - 12:20	Autoimmune dysregulation and purine metabolism in adenosine deaminase deficiency	Alessandro Aiuti (IT)
12:20 - 12:40	Autologous HSCT in pediatric cytopenia	Federica R. Achini (CH)
12:40 - 13:00	Monogenetic causes of cytopenia	Jérôme Hadjadj (FR)
13:00 - 13:20	VEXAS	Carmelo Gurnari (IT)
13:20 - 13:30	Case presentation: How to investigate VEXAS: early identification and characterization of HSCT candidates	
13:30 - 13:40	Discussion	
13:40 - 14:30	Lunch Break	
14:30 - 16:00	Session VII: Scleroderma and other Skin diseases Chairs: Dominique Farge (FR) & Arjan Lankester (NL)	
14:30 - 14:55	CTLA-4 Insufficiency	Thomas Fox (UK)
14:55 - 15:20	HSCT in ARPC1B and related diseases (Actinopathies)	Stefano Volpi (IT)
15:20 - 15:45	HSCT vs. MSC in reversing skin fibrosis	Nicoletta del Papa (IT)
15:45 - 15:55	Case presentation: Esophageal motility in systemic sclerosis before and after autologous hematopoietic cell transplantation	Jan Storek (CA)
15:55 - 16:00	Discussion	
16:00 - 17:30	Session VIII: Systemic Inflammation Chairs: Matteo Doglio (IT) & Despina Moshous (FR)	
16:00 - 16:25	Allogeneic hematopoietic stem cell transplantation for severe, refractory juvenile idiopathic arthritis	Juliana M. F. Silva (UK)
16:25 - 16:50	IEI with inflammatory osteoarticular involvement	Tadej Avcin (SI)
16:50 - 17:15	Primary and secondary HLH	Fabrizio de Benedetti (IT)
17:15 - 17:25	Case presentation: Sideroblastic anemia with B-cell immunodeficiency, periodic fevers, developmental delay (SIFD) due to novel bi-allelic TRNT1 mutations successfully treated with Hematopoietic Stem Cells Transplantation (HSCT)	
17:25 - 17:30	Discussion	

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Saturday, 24 June 2023

08:00 – 09:00 Session IX: Heart and Lung

Chairs: Tobias Alexander (DE)

08:00 – 08:20 Pulmonary alveolar proteinosis and HSCT

08:20 – 08:40 Improvement of lung function in SSc after HSCT

08:40 – 08:50 Case presentation: Triple hematopoietic stem cell transplantation in a boy with refractory systemic juvenile idiopathic arthritis – a case report

08:50 – 09:00 Discussion

Michael Albert (DE)

Dominique Farge (FR)

09:00 – 10:45 Session X: Gastroenterologic inflammatory diseases

Chairs: Michael Albert (DE) & Ariadna Domènech (SP)

09:00 – 09:20 Monogenetic causes of IBD

09:20 – 09:40 Genetic Predisposition to IBD

09:40 – 10:00 AutoHSCT versus DMT

10:00 – 10:20 Nonmyeloablative allogeneic HSCT in Crohn's Diseases

10:20 – 10:30 Case presentation: IL10R deficiency and Hemopoietic cell transplantation (HCT): outcome of 2 patients treated in a single Center with CBU HCT

10:30 – 10:45 Discussion

Daniel Kotlarz (DE)

Aleixo Muise (CA)

Azucena Salas (SP)

Richard Burt (USA)

Stefano Rossi (IT)

10:45 – 11:15 Coffee Break

11:15 – 12:45 Session XI: Non-transplant approaches

Chairs: Raffaella Greco (IT)

11:15 – 11:40 Targeted therapy in monogenetic IEI

11:40 – 12:05 CD19 CAR T-cells in SLE

12:05 – 12:30 CAR-Tregs in autoimmunity

12:30 – 12:40 Case presentation: Severe immune effector cell associated HLH-like syndrome: a case report of successful treatment in a pediatric patient after CAR-T cell infusion

12:40 – 12:45 Discussion

Markus Seidel (AT)

Fabian Müller (DE)

Matteo Doglio (IT)

12:45 – 13:00 Closing

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