

The Immunobiology Working Party

Educational Event

28-29 September 2013, Perugia, Italy

Faculty of Medicine, University of Perugia

Chairman: Andrea Velardi

I am happy to announce the upcoming EBMT Immunobiology Working Party (IWP) Educational Event to be held in Perugia on 28th-29th September 2013. The meeting focuses on immunology, immunogenetics, tolerance and graft-vs-leukemia effects in allogeneic hematopoietic transplantation and immunotherapies for leukemia and infection. I would like to thank speakers and chairpersons for making such a wonderful effort to ensure the meeting is successful and for creating such an exciting program. I am confident all the participants will enjoy the encounter and would like to thank them for their enthusiasm and interest in the topics that will be presented!

Andrea Velardi
EBMT-IWP Chair

Saturday, 28th September

10.50 a.m. **Welcome address**
Andrea Velardi (IWP Chair)
Antoine Toubert (IWP Secretary)

Session 1: Improving GvL while attenuating GvH reactions across HLA barriers

Chairs: Massimo F Martelli (Perugia), Maurizio Caniglia (Perugia)

11.00 a.m. **Pediatric haploidentical transplantation with TcR alpha/beta depleted hematopoietic grafts in Tübingen**
Rupert Handgretinger (Tübingen)

11.20 a.m. **Discussion**

11.30 a.m. **Pediatric haploidentical transplantation with TcR alpha/beta depleted hematopoietic grafts in Rome**

Franco Locatelli (Rome)

11.50 a.m. **Discussion**

12.00 p.m. **Haploidentical transplantation with unmanipulated G-CSF primed bone marrow and intensified immune suppression**

William Arcese (Rome)

12.20 p.m. **Discussion**

12.30 p.m. **Haploidentical transplantation with unmanipulated grafts and post-transplant rapamycin or cyclophosphamide**

Fabio Ciceri (Milan)

12.50 p.m. **Discussion**

13.00 p.m. **Lunch**



Session 1: Improving GvL while attenuating GvH reactions across HLA barriers (cont'd)

- 14.00 p.m. **Haploidentical unmanipulated bone marrow transplantation and post-transplantation cyclophosphamide**
Andrea Bacigalupo, Alida Dominiotto (Genoa)
- 14.20 p.m. **Discussion**
- 14.30 p.m. **Haploidentical transplantation with TcR alpha/beta depleted hematopoietic grafts in adults**
Franco Aversa (Parma)
- 14.50 p.m. **Discussion**
- 15.00 p.m. **Transferring natural and adaptive immunity to improve outcomes of haploidentical hematopoietic transplants**
Andrea Velardi (Perugia)
- 15.20 p.m. **Discussion**
- 15.30 p.m. *Coffee Break*

Session 2: Alloreactivity and immune regulation

Chair: Antoine Toubert (Paris), Andrea Velardi (Perugia)

- 15.50 p.m. **Balancing immunity and tolerance through metabolic pathways**
Francesca Fallarino (Perugia)
- 16.10 p.m. **Discussion**
- 16.20 p.m. **Therapeutic immune regulation with mesenchymal stem cells**
Willem Fibbe (Leyden)
- 16.40 p.m. **Discussion**
- 16.50 p.m. **Immune regulation with T regs: improving selection and expansion**
Mauro Di Ianni (L'Aquila)
- 17.00 p.m. **Discussion**

- 17.05 a.m. **Epigenetic measurement of T regs in transplantation, autoimmunity and cancer immunotherapy**
Sven Olek (Berlin)
- 17.15 p.m. **Discussion**
- 17.20 a.m. **Role of thymic function in transplantation outcomes**
Antoine Toubert (Paris)
- 17.40 p.m. **Discussion**
- 17.50 p.m. **Boosting thymic function with alloreactive NK cells**
Loredana Ruggeri (Perugia)
- 18.10 p.m. **Discussion**

Sunday, 29th September

Session 3: Immunotherapy of infection

Chairs: Hermann Einsele (Würzburg), Luigina Romani (Perugia)

- 08.30 a.m. **Strategies for rebuilding viral and fungal-specific T cell immunity**
Hermann Einsele (Würzburg)
- 8.50 a.m. **Discussion**
- 09.00 a.m. **The gut microbiota in BMT- focus on fungal pathogenesis and therapeutics**
Luigina Romani (Perugia)
- 09.20 a.m. **Discussion**
- 09.30 a.m. **Immunogenetics of susceptibility to invasive fungal infections**
Agostino Carvalho (Perugia)
- 09.45 a.m. **Discussion**
- 09.50 a.m. *Coffee Break*

Session 4: Immunotherapy of leukemia

Chairs: Brunangelo Falini (Perugia), Robin Foa (Rome)

- 10.10 a.m. **Blinatumomab for the treatment of lymphoproliferative disorders**
Hermann Einsele (Würzburg)
- 10.30 a.m. **Discussion**
- 10.40 a.m. **Immunotherapy of leukemia with TCR transduced T cells**
Chiara Bonini (Milan)
- 11.00 a.m. **Discussion**
- 11.10 a.m. **Immunotherapy of leukemia with chimeric antigen receptor-redirected T cells**
Attilio Bondanza (Milan)
- 11.30 a.m. **Discussion**
- 11.40 a.m. **Quantifying graft-versus-leukemia: an analysis of 50'000 transplants over one decade**
Martin Stern (Basel)
- 12.00 a.m. **Discussion**
- 12.05 a.m. **Immunotherapy of Acute Myeloid Leukemia in the elderly with alloreactive NK cells**
Antonio Curti (Bologna)
- 12.25 a.m. **Discussion**

Faculty

William Arcese	<i>Rome</i>	Francesca Fallarino	<i>Perugia</i>
Franco Aversa	<i>Parma</i>	Willem Fibbe	<i>Leyden</i>
Andrea Bacigalupo	<i>Genoa</i>	Robin Foa	<i>Rome</i>
Attilio Bondanza	<i>Milan</i>	Rupert Handgretinger	<i>Tübingen</i>
Chiara Bonini	<i>Milan</i>	Franco Locatelli	<i>Rome</i>
Maurizio Caniglia	<i>Perugia</i>	Massimo F. Martelli	<i>Perugia</i>
Agostinho Carvalho	<i>Perugia</i>	Sven Olek	<i>Berlin</i>
Fabio Ciceri	<i>Milan</i>	Luigina Romani	<i>Perugia</i>
Antonio Curti	<i>Bologna</i>	Loredana Ruggeri	<i>Perugia</i>
Mauro Di Ianni	<i>L'Aquila</i>	Martin Stern	<i>Basel</i>
Alida Dominietto	<i>Genova</i>	Antoine Toubert	<i>Paris</i>
Hermann Einsele	<i>Würzburg</i>	Andrea Velardi	<i>Perugia</i>
Brunangelo Falini	<i>Perugia</i>		

General Information

Congress Venue

University of Perugia - Faculty of Medicine, Building B, Hall 8
Sant'Andrea delle Fratte - Perugia - Italy (see attached map).

Free Registration

On line registration and hotel booking:

<http://95.228.73.194/cmsweb/Login.asp?IDcommessa=C13015&Lang=IT>

CME Accreditation

The event has been accredited for 120 people.

Accredited professions

BIOLOGISTS

PHISICIANS

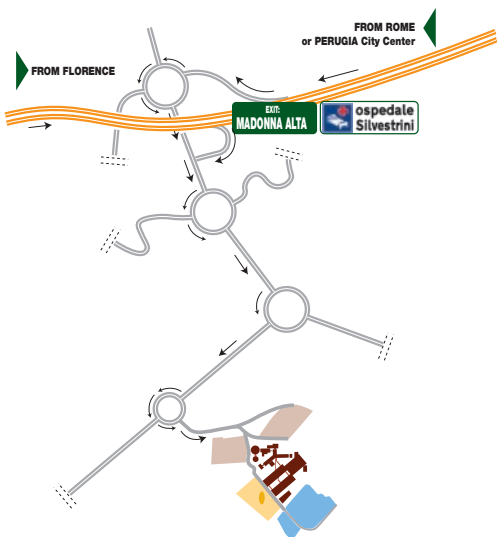
Disciplines: Hematology, Allergology and Clinical Immunology, Microbiology and Virology, Oncology, Infectious Diseases, Clinical Pathology, Transfusion Medicine.

Credits assigned: 7,5

The issue of CME certificate is subject to:

- having taken part in the whole event;
- having passed the learning questionnaire;
- having provided all the requested data.

The certificate will be sent after the congress.



From the south

Motorway A1 – Exit at Orte
Continue towards Perugia and then take direction Perugia-Firenze (A1). Exit at Madonna Alta.

From the city center

Follow the signs to Firenze (A1).
Once on the highway exit at Madonna Alta

From the north

Motorway A1 – Exit at Val di Chiana
Follow the signs to Perugia, pass Trasimeno Lake and continue to Perugia.
Exit at Madonna Alta

GPS Coordinates

43° 4' 40.00" N
12° 21' 17.00" E



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from Monday to Friday 9.00 a.m. to 6.00 p.m.

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