

International Symposium on
**Immunotherapy of
childhood cancer**

Presidents:

Prof. Franco Locatelli

Prof. Lorenzo Moretta

Prof. Andrea Pession

Promoted by



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MENARINI

Rome (Italy) November 9th - 11th, 2017

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- 02:30 PM *Registration*
- 03:30 PM **Opening remarks**, F. Locatelli, L. Moretta, A. Pession
Welcome address by the Authorities of the Bambino Gesù Children's Hospital Rome
- 04:00 PM **State of the art on immunotherapy of childhood cancer**
F. Locatelli, L. Moretta, A. Pession

Session I**Cellular and molecular basis of cancer immunotherapy**

- Chairmen: A. Bacigalupo, F. Locatelli
- 05:00 PM **Antibody engineering for specific recognition and enhanced effector function**, Antonio Lanzavecchia
- 05:30 PM **NK cells: from surface receptors to the therapy of high risk leukemia**, Lorenzo Moretta
- 06:00 PM **Immune checkpoints in human NK cells**
Alessandro Moretta
- 06:30 PM **Innate lymphoid cells and cancer**, Eric Vivier
- 07:00 PM **Discussion**
- 07:30 PM *Welcome cocktail*

Session II**Cell-based therapies of haemopoietic malignancies**

- Chairpersons: B. Dallapiccola, A. Santoni
- 08:30 AM **Alloreactive T cells for the treatment of hematological malignancies**, Fred Falkenburg
- 09:00 AM **Strategies to harness both innate and adaptive immunity after allogeneic HSCT**, Franco Locatelli
- 09:30 AM **CIK cells**, Eva Rettinger
- 10:00 AM **Harnessing T memory stem cells for adoptive cell transfer therapy of cancer**, Luca Gattinoni
- 10:30 AM **Discussion**
- 10:50 AM *Coffee break*

Session III**Antibodies in the therapy of haemopoietic malignancies (I)**

- Chairpersons: F. Fagioli, A. Pession
- 11:20 AM **Naked antibody for treatment of ALL**
Peter Lang
- 11:50 AM **The antibody-drug conjugate Inotuzumab for adult ALL**
Giovanni Martinelli
- 12:20 AM **The antibody-drug conjugate Inotuzumab for childhood ALL**, Inge van der Sluis
- 12:50 AM **Anti-CD38 monoclonal antibodies**, Lia Gore
- 01:20 PM **Discussion**
- 01:40 PM *Lunch*

Antibodies in the therapy of haemopoietic malignancies (II)

- Chairmen: G. Basso, A. Biondi
- 02:30 PM **Potent anti-tumor activity by anti-PD-1 Abs acting independently of PD-1/PDL-1 interaction**
Giuseppe Pantaleo
- 03:00 PM **PD-1 and PD-1 ligands: from discovery to clinical application**, Michele Maio
- 03:30 PM **The antibody-drug conjugate Brentuximab Vedotin for childhood lymphomas**
Christine Mauz-Körholz
- 04:00 PM **Discussion**
- 04:15 PM *Coffee break*
- 04:45 PM **Epratuzumab for treatment of relapsed ALL**
Arend Von Stackelberg
- 05:15 PM **Bi-specific T cell engager for adult ALL**
Gerhard Zugmaier
- 05:45 PM **Blinatumomab for childhood ALL**, Pietro Merli
- 06:15 PM **Discussion**

Session IV**Role of microbiota in cancer immunotherapy****Chairmen:** L. Moretta, V. Pistoia**08:00 AM** **Microbes and cancer: carcinogenesis and therapy**
Giorgio Trinchieri**08:45 AM** **The role of the intestinal microbiome in allogeneic hematopoietic cell transplantation**
Marcel van den Brink**09:15 AM** **Discussion****Session V****Genetically-modified T cells in the therapy of haemopoietic malignancies****Chairmen:** G. Arcese, E. Proietti**09:40 AM** **CAR T cells for ALL- CD19 and beyond**
Sara Ghorashian**10:10 AM** **CAR T cells for CD19+ leukemia: the global trial experience**
Jochen Büchner**10:40 AM** **CAR T cells for AML, the CD44v6-targeting approach**
Attilio Bondanza**11:10 AM** **Discussion****11:30 AM** *Coffee break***Session VI****Genetically-modified T cells in the therapy of haemopoietic malignancies and solid tumor****Chairpersons:** E. Maggi, M.C. Mingari**11:50 AM** **CAR T cells for neuroblastoma,**
Ignazio Caruana**12:20 AM** **CAR T cells for childhood brain tumors,**
Concetta Quintarelli**12:50 AM** **T cells genetically modified with artificial TCRs for hematological malignancies**
Chiara Bonini**01:20 PM** **Discussion****01:40 PM** *Light lunch***02:20 PM** **Take home message:** F. Locatelli, L. Moretta, A. Pession**02:45 PM** **Closing remarks:** F. Locatelli, L. Moretta, A. Pession**03:15 PM** **End of the meeting**

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Symposia: n. 359

