

Immunotherapy in Pediatric Oncology: Progress and Challenges

September 9-10, 2008

The Cloisters

NIH Campus

Bethesda, MD

Scientific Program

TUESDAY, SEPTEMBER 9, 2008

8:00 - 11:45 am **TARGETING CELL SURFACE RECEPTORS ON PEDIATRIC TUMORS**

8:00-8:15 am Introduction/Welcome

8:15-8:45 am Development of hu14.18-IL2 for GD2+ Tumors.

Paul Sondel

University of Wisconsin

8:45-9:15 am Targeting Neuroblastoma with 3F8: The Memorial Experience

Nai-Kong Cheung

Memorial Sloan Kettering Cancer Center

9:15-9:45 am Immunotoxin Based Targeting of ALL

Alan Wayne

National Cancer Institute

9:45-10:15 am **BREAK**

10:15-10:45 am Targeting ALL with Chimeric T Cell Receptors

Laurence Cooper

MD Anderson

10:45-11:15 am Using Chimeric T Cell Receptors to Target CD19

Xianzheng Zhou

University of Minnesota Cancer Center

11:15-11:45 am Chimeric Antigen Receptor (CAR)-modified Virus Specific T lymphocytes for Neuroblastoma

Gianpietro Dotti

Baylor - Center for Cell and Gene Therapy

11:45-12:00 pm Oral Presentation I

12:00-1:15 pm Lunch

1:15-5:00 pm **UNDERSTANDING AND ENHANCING CELL MEDIATED IMMUNITY TO PEDIATRIC SOLID TUMORS**

1:15-1:45 pm Exploiting Alterations in T Cell Homeostasis for Immunotherapy

Crystal Mackall

National Cancer Institute

1:45-2:15 pm Exploiting Lymphopenia for Cell Based Therapies
Steve Grupp
University of Pennsylvania

2:15-2:45 pm Immunotherapy in MRD+ALL Patients' Pre-SCT
R. Maarten Egeler
Leiden University Medical Center, The Netherlands

2:45-3:15 pm BREAK
3:15-3:45 pm Effective Treatment of Established Neuroblastomas using a Multi-Faceted
Immunotherapeutic Approach
Bryon Johnson PhD
Medical College of Wisconsin

3:45-4:15 pm Biologic Based Therapy for Osteosarcoma
Eugenie Kleinerman
MD Anderson Cancer Center

4:15-4:45 pm NKT Cells in Neuroblastoma
Leonid S. Metelitsa
Children's Hospital of Los Angeles

4:45-5:00 pm Oral Presentation II
5:00-6:30 pm POSTER VIEWING AND SNACKS
6:45 pm SPEAKERS DINNER

WEDNESDAY, SEPTEMBER 10, 2008

8:00 - 11:45 am CELL BASED THERAPY FOR PEDIATRIC CANCER
8:00-8:30 am Developing Immune Based Therapies for Neuroblastoma
Bob Seeger
Children's Hospital of Los Angeles

8:30-9:00 am Targeting EBV in Pediatric Tumors
Helen Heslop
Baylor Cell and Gene Therapy

9:00-9:30 am NK Cell Therapies for Leukemias and Solid Tumors
Dario Campana
St. Jude Children's Research Center

9:30-10:00 am BREAK
10:00-10:30 am Targeting Tumor Initiating Cells with Immunotherapy
John Ohlfest
University of Minnesota

10:30-11:00 am Immunotherapies for Pediatric Brain Tumors
Michael Jensen
City of Hope

11:00-11:30 am Targeting the WT1 Tumor Antigen
Rick O'Reilly
Memorial Sloan Kettering Cancer Center

11:30-11:45 am Oral Presentation III
11:45-1:00 pm LUNCH

1:00-5:00 pm ENHANCING GRAFT-VERSUS-LEUKEMIA FOR PEDIATRIC CANCER
1:00-1:30 pm GVL in Pediatric Leukemia, State of the Art
Franco Locatelli
Pavia, Italy

1:30-2:00 pm Enhancing Graft Versus Leukemia in the Clinic
Rupert Handgretinger
Tubingen, Germany

2:00-2:30 pm Modulating GVHD with Regulatory T Cells
Bruce Blazar
University of Minnesota

2:30-3:00 pm BREAK
3:00-3:30 pm Mouse Models for Optimizing GvL toward ALL
Terry Fry
Children's National Medical Center

3:30-4:00 pm Optimizing GvL toward ALL
Dagmar Dilloo
Dusseldorf, Germany

4:00-4:30 pm New Approaches for Separating GvH from GvL
John Barrett
National Heart, Lung, and Blood Institute

4:30-4:45 pm Oral Presentation IV
4:45-5:00 pm CLOSING REMARKS
5:00 pm ADJOURN

For conference related questions please contact Julia Lam
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