

Stanford Cancer Cell Therapy and Blood & Marrow Transplantation Symposium:

Updates on Current Advances in BMT and Cell Therapy in honor of Dr. Robert Negrin

April 7-8, 2022

Frances C Arrillaga Alumni Center



Program Director

Laura Johnston, MD

Wen-Kai Weng, MD, PhD (Co-director)

Program

April 7, 2022

- 8:00-8:40 Registration and Breakfast
- 8:40-8:50 Introductory Remarks
Laura Johnston/Wen-Kai Weng
- 8:50-9:00 Tribute from Cancer Institute
Beverly Mitchell
- 9:00-9:30 How we got here
Frederick Appelbaum



A Comprehensive Cancer Center Designated by the National Cancer Institute



9:30-10:00 Translation from the mouse model to clinical practice

Robert Zeiser

10:00-10:30 Targeting the stem cell niche with antibody: The science and the application

Judith Shizuru

10:30-11:00 Will everyone have a suitable donor

Andrew Rezvani

11:00-11:15 Coffee Break

11:15-11:45 Treg in allogeneic SCT: A personal View

Matthias Edinger

11:45-12:15 Regulation of intestinal acute GVHD

Andreas Beilhack

12:15-12:45 Modern day graft manipulation: The Stanford experience

Everett Meyer

12:45-1:30 Lunch

1:30-1:40 Tribute from hospital leadership

Sridhar Seshadri

1:40-2:10 Autologous transplant in autoimmune disease

Sally Arai

2:10-2:40 Recent progress in CAR T cells for solid tumors

Crystal Mackall

2:40-3:10 $\alpha\beta$ T-cell depleted haploidentical HSCT: a new platform for immunotherapy

Alice Bertaina

3:10-3:25 Coffee Break

3:25-3:55 Minimal residual disease (MRD) in the management of ALL

Lori Muffly

3:55-4:25 Cell Therapy with Type 1 regulatory T cells in hematopoietic cell transplantation

Maria Grazia Roncarolo

4:25-4:45 Tribute from patients, I

April 8, 2022

8:00-8:30 Registration and Breakfast

8:30-9:00 Invariant natural killer T cells in transplantation – A double edged sword
Robert Negrin

9:00-9:30 Immunotherapy for cancer
Edgar Engleman

9:30-10:00 CAR T cells for B-cell lymphoma
David Miklos

10:00-10:30 Liquid biopsy as an adjunct to CAR T cell therapy
Matt Frank

10:30-10:45 Coffee Break

10:45-11:15 CAR T cells for pediatric B-ALL: state-of-the-art
Liora Schultz

11:15-11:45 Incorporating CAR T cell therapy in the management of myeloma
Surbhi Sidana

11:45-12:15 CAR T therapy in China: experience from Lu Daopei hospital
Peggy Lu

12:15-1:00 Lunch

1:00-1:20 Tribute from patients, II

1:20-1:50 CAR T cells for myeloid malignancies
Saar Gill

1:50-2:20 CAR T cells for sarcoma
Michael Verneris

2:20-2:50 Is there a role for CAR T cells in HCT?
Stephen Forman

2:50-3:00 Coffee Break

3:00-3:30 Incorporating CAR T into allogeneic transplant
Melody Smith

3:30-4:00 GMP manufacturing: current concepts and a look toward the future
Steven Feldman

4:00-4:30 Use of hematopoietic cell transplantation to induce tolerance to organ transplants
In memory of Samuel Strober, presented by Robert Lowsky

4:30-4:40 Closing remarks
David Miklos

STANFORD FACULTY

Sally Arai, M.D.

Associate Professor of Medicine (Blood and Marrow Transplantation)

Alice Bertaina, M.D., Ph.D.

Associate Professor of Pediatrics

Ed Engleman, M.D.

Professor of Pathology

Matt Frank, M.D.

Assistant Professor of Medicine (Blood and Marrow Transplantation)

Steven Feldman, PhD

Director, Manufacturing and Process Development at Stanford Center for Cancer Cell Therapy

Laura Johnston, M.D.

Professor of Medicine (Blood and Marrow Transplantation)

Robert Lowsky, M.D.

Professor of Medicine (Blood and Marrow Transplantation)

Crystal Mackall, M.D.

Professor of Pediatrics (Hematology/Oncology) and of Medicine

Everett Meyer, M.D., Ph.D.

Associate Professor of Medicine, Stanford BMT

David Miklos, M.D., Ph.D.

Division Chief, Professor of Medicine (Blood and Marrow Transplantation)

Lori Muffly, M.D., M.S.

Associate Professor of Medicine (Blood and Marrow Transplantation)

Robert Negrin, M.D.

Professor of Medicine (Blood and Marrow Transplantation)

Andrew Rezvani, M.D.

Assistant Professor of Medicine (Blood and Marrow Transplantation)

Liora Schultz, M.D.

Assistant Professor of Pediatrics

Judith Shizuru, Ph.D., M.D.

Professor of Medicine (Blood and Marrow Transplantation)

Melody Smith, M.D., M.S.

Assistant Professor of Medicine (Blood and Marrow Transplantation)

Surbhi Sidana, M.D.

Assistant Professor of Medicine (Blood and Marrow Transplantation)

Wen-Kai Weng, M.D., Ph.D.

Associate Professor of Medicine (Blood and Marrow Transplantation)

GUEST SPEAKER

Frederick Appelbaum, M.D.

Professor, Metcalfe Family Endowed Chair in Cancer Research, Fred Hutchinson Comprehensive Cancer Center

Andreas Beihack, M.D.

Professor of Medicine and Pediatrics, Head of Interdisciplinary Center for Clinical Research Laboratory for Experimental Stem Cell Transplantation Wurzburg University, Germany

Matthias Edinger, M.D., Ph.D.

Deputy Clinic Director

*Director, Stem Cell Transplant and
Cellular Therapy*

*International Regensburg Center for
Interventional Immunology, Germany*

Stephen Forman, M.D.

Professor, Director of Hematologic

Malignancies Research Institute

*City of Hope Comprehensive Cancer
Center*

Saar Gill, M.D., Ph.D.

Associate Professor of Medicine

University of Pennsylvania

Peggy Lu, M.D.

Director of Hematology and Oncology

Medical Executive President

Lu Daopei Hospital, Beijing, China

Michael Verneris, M.D., Ph.D.

Professor of Pediatrics, Director of

Transplantation and Cellular Therapy

University of Colorado

Robert Zeiser, M.D.

Professor, Head of Tumor Immunology

and Immune Modulation

University of Freiburg, Germany