

CLINICAL  
AND MOLECULAR  
BASIS OF

**TRANSFUSION-INDUCED  
IMMUNOMODULATION**

THURSDAY, MARCH 30 –  
FRIDAY, MARCH 31, 2000

HOTEL WASHINGTON  
WASHINGTON, D.C



Yale University School of Medicine,  
Department of Laboratory Medicine and  
McMaster University,  
Departments of Pathology and Medicine



PRESENT

**CLINICAL AND MOLECULAR BASIS OF  
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HOTEL WASHINGTON  
515 15th Street, NW  
WASHINGTON, D.C

# Program

## THURSDAY, MARCH 30, 2000

8:00-8:05	<b>Welcome</b> Edward L. Snyder, M.D.
8:05-8:15	<b>Transfusion Immunobiology &amp; Transfusion Oncology: The Changing Face of Transfusion Medicine in 2001.</b> Edward L. Snyder, M.D.
8:15-8:45	<b>Immunobiology of Leukocytes and Cytokines</b> Terrence Geiger, M.D., Ph.D.
8:45-9:15	<b>Immunobiology of Leukocyte Reduction</b> Walter Dzik, M.D.
9:15- 9:45	<b>Transfusion-Induced Immunomodulation – A Historical Primer</b> Neil Blumberg, M.D.
9:45-10:15	<b>BREAK</b>
10:15-10:45	<b>Tumor Growth Promotion by Allogeneic Blood Transfusion: A Review of the Human and Animal Model Data</b> Morris Blajchman, M.D.
10:45-11:15	<b>Post-Operative Infection after Allogeneic Blood Transfusion</b> Eleftherios Vamvakas, M.D., Ph.D.
11:15-11:45	<b>Mortality after Allogeneic Blood Transfusion</b> T.B.A.
11:45-12:15	<b>Panel Discussion</b> Joseph Sweeney, M.D.
12:15-1:30	<b>LUNCH</b>
1:30-2:00	<b>Transimmunization – Extracorporeal Generation of Tumor Antigen Loaded Dendritic Cells for Anti-Cancer Vaccination</b> Richard Edelson, M.D.
2:00-2:30	<b>Vaccine Trials</b> John Kirkwood, M.D.
2:30-3:00	<b>sFasL and sHLA-I Molecules in Stored Blood Components: Role in Immunomodulation</b> Francesco Puppo, M.D.
3:00-3:30	<b>BREAK</b>
3:30-4:00	<b>Decoy Receptor DcR3 as an Inhibitor of Fas Ligand (FasL) in Malignancy</b> Avi Ashkenazi, Ph.D.
4:00-4:30	<b>Leukocyte Microchimerism Following Blood Transfusion</b> Michael Busch, M.D., Ph.D.
4:30-5:00	<b>Immunomodulation in Recurrent Abortion, Crohn's Disease, and Rheumatoid Arthritis</b> David Clark, M.D., Ph.D.

5:00-5:30

**Panel Discussion**  
Brian R. Smith, M.D.

6:00-7:00

**RECEPTION**

## FRIDAY, MARCH 31, 2000

8:00 - 8:30

**Mechanisms of Transfusion-Induced Immunomodulation**  
K. J. Kao, M.D., Ph.D.

8:30-9:00

**The Graft vs Leukemia Effect-Basic Theory in Animal Models**  
Warren Shlomchik, M.D.

9:00-9:30

**Donor Lymphocyte Infusions**  
Christopher Hillyer, M.D.

9:30-10:00

**Apoptosis in Transfusion Medicine**  
David Kuter, M.D., Ph.D.

10:00-10:30

**BREAK**

10:30-11:00

**Monitoring EBV Specific T-Cells Following Allogeneic Stem Cell Transplantation**  
Eric Pamer, M.D.

11:00-11:30

**Adoptive Immunotherapy for CMV Infection**  
David Stroncek, M.D.

11:30-12:00

**Panel Discussion**  
George Nemo, Ph.D.

12:00-1:00

**LUNCH**

1:00 - 1:30

**A Novel Mechanism of How Leukocytes Modulate Allogeneic Platelet Immunity**  
John Semple, Ph.D.

1:30- 2:00

**Prevention of Transfusion – Associated Graft vs Host Disease by Photochemical Inactivation of Leukocytes**  
Laurence Corash, M.D.

2:00-2:30

**Stem Cell Transplantation for Autoimmune Disease**  
Richard Burt, M.D.

2:30 - 2:45

**Report of the AABB Think Tank on Immunology**  
Leslie Silberstein, M.D.

2:45 - 3:00

**Implementation of Universal Leukoreduction: An FDA Update**  
Jong-Hoon Lee, M.D.

3:00 - 3:15

**Research Opportunities in Transfusion Medicine, Transfusion Immunobiology, and Transfusion Oncology**  
Barbara Alving, M.D.

3:15-3:30

**Conference Summary and Outlook**  
Harvey Klein, M.D.

3:30

**Adjourn**



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## Faculty

### COURSE DIRECTORS

Edward L. Snyder, MD  
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