

International Society for Heart and Lung Transplantation
1st Fall Education Meeting

CORONARY ALLOGRAFT VASCULOPATHY: INSIGHTS INTO PATHOGENESIS, PREVENTION, AND
TREATMENT

Chair: Leslie Miller, MD

September 25-27, 1998
Grand Hyatt Hotel
Washington, DC USA

Friday, September 25

- 1:00 - 1:05 pm Introduction, Leslie Miller, MD
1:05 - 1:15 pm a. The Pathologist's View, Bruce McManus, MD, PhD
1:15 - 1:25 pm b. The Scientist's View, Mary Russell, MD
1:25 - 1:35 pm c. The Clinician's View, Leslie Miller, MD

INJURY-ANTIGEN INDEPENDENT MECHANISMS

- 1:35 - 1:55 pm Brain Death - Lessons from Animal Models, Nick Tilney, MD
1:55 - 2:15 pm Inflammatory Cell Activation in the Donor: Hints From Brain Dead Patients, Mary Russell, MD
2:15 - 2:35 pm Activation of Complement by Ischemia Reperfusion, William Baldwin, MD, PhD
2:35 - 2:55 pm Results of Ischemia/Reperfusion in non-Transplant Models, Leslie W. Miller, MD
2:55 - 3:10 pm Effect of Ischemic Time on Survival, Acute Rejection, and ACAD, Robert Bourge, MD
3:10 - 3:25 pm Reperfusion Injury - Can we Prevent It? Lessons From the S.O.D. Trial in Renal Transplantation, James Young, MD

- 3:25 - 3:30 pm Question and Answer Period
3:30 - 3:45 pm Break

- CMV
3:45 - 4:05 pm a. Effect of CMV on Intimal Thickening, Karl Lemstrom, MD
4:05 - 4:25 pm b. Mechanisms on CMV Acceleration of ACD, Bruce McManus, MD, PhD
4:25 - 4:50 pm c. Treatment Strategies, Robert Rubin, MD

- ROLE OF LIPIDS
4:50 - 5:25 pm a. Effects of Hyperlipidemia on Monocyte Chemotaxis and Plaque Composition, Mohammed Navab, MD
5:25 - 5:45 pm b. Results of Plaque Analysis/Lipid Content, Bruce McManus, MD, PhD
5:45 - 6:15 pm c. Impact of Lipid Reduction Therapy, Jon Kobashigawa, MD

- 6:15 - 6:30 pm Question and Answer Period

Saturday, September 26

7:00 - 8:00 am Continental Breakfast

ANTIGEN DEPENDENT MECHANISMS

8:00 - 8:20 am Lessons From Animal Models, Don Cramer, PhD, DVM

INFLAMMATION

T-CELL RESPONSES

- 8:20 - 8:40 am a. T-Cells are the Most Critical in Pathogenesis of ACAD, Jeffrey Hosenpud, MD
- 8:40 - 9:05 am b. Role of Delayed Type Hypersensitivity in ACAD, Peter Libby, MD
- 9:05 - 9:30 am c. Correlation of Acute Cellular Rejection: Lessons From Protocol Biopsies, Howard Eisen, MD

B-CELL RESPONSES

- 9:30 - 9:50 am a. Lessons From Animal Models, Charlie Orosz, MD
- 9:50 - 10:10am b. Clinical Correlations of Antibody Mediated Rejection and Circulating Antibodies With ACAD, David Taylor, MD
- 10:10 - 10:30 am c. Endothelial Targets of Circulating Antibodies, Marlene Rose, PhD

10:30 - 10:35 am Question and Answer Period

10:35 - 10:50 am Break

10:50 - 11:10 am Role of the Macrophage in Inflammation, Mary Russell, MD

11:10 - 11:30 am Role of the Endothelial Cell, David Briscoe, MD

11:30 - Noon Role of Cytokines, Peter Libby, MD

Noon - 12:10 pm Lessons From Angiopeptin Trials, Bruno Meiser, MD

12:10 pm - 12:25 pm Effect of Anti-inflammatory Agents: Serine Proteinase Inhibitors, Alex Lucas, MD

12:25 - 12:30 pm Question and Answer Period

12:30 - 1:00 pm Lunch Break

FIBROSIS/REPAIR

1:00 - 1:20 pm Role of Matrix in ACAD, Marlene Rabinovitch, MD

1:20 - 1:40 pm Role of TGF- β and Other Cytokines, Joerg Kroglin, MD

1:40 - 1:55 pm Role of Apoptosis, Gary Gibbons, MD

VASCULAR REMODELING

1:55 - 2:20 pm Response to Luminal Compromise, Steve Schwartz, MD

2:20 - 2:40 pm Inside out or Outside in?, Leslie Miller, MD

2:40 - 3:00 pm Vessel Shrinkage or Intimal Thickening?, Jon Kobashigawa, MD

3:00 - 3:15 pm Break

DIAGNOSIS

3:15 - 3:30 pm Results of Angiography, James Kirklin, MD

LESSONS FROM INTRVASCULAR ULTRASOUND

3:30 - 3:50 pm a. UCLA Experience, Jon Kobashigawa, MD

3:50 - 4:10 pm b. Cleveland Clinic, Murat Tuczu, MD

4:10 - 4:30 pm c. Oschner Clinic, Mandeep Mehra, MD

4:30 - 4:45 pm Lessons From Coronary Flow Measurements, Tom Donahue, MD

4:45 - 5:00 pm Lessons From Endothelial Function Testing, Peter Ganz, MD

5:00 - 5:15 pm Anticoagulation Factors as Predictors of ACD, Carlos Labarrere, MD

5:15 - 5:30 pm Role of the Donor in Pathogenesis, James Young, MD

5:30 - 6:15 pm Response to Injury in the Transplanted Organ, Philip Halloran, MD

6:15 - 6:20 pm Question and Answer Period

Sunday, September 27

7:00 - 8:00 am Continental Breakfast

FUTURE TREATMENT STRATEGIES

EX-VIVO DONOR MANIPULATION

8:00 - 8:30 am	a. Gene Transfection, Gary Gibbons, MD
8:30 - 9:00 am	b. Results of N.O.S. Gene Transfection, Si Pham, MD
9:00 - 9:20 am	c. Antisense Oligonucleotides, Gary Gibbons, MD
	GRAFT INTERVENTIONS
9:20 - 9:45 am	a. Local Gene Delivery, Timothy Henry, MD
9:45 - 10:00 am	b. Results with PTCA, Stents, CABG, Arthur Halle, MD
10:00 - 10:05 am	Question and Answer Period
10:05 - 10:20 am	Break
	RECIPIENT
10:20 - 11:00 am	a. Effect of Immunosuppressive Agents on Intimal Proliferation, Randall Morris, MD
11:00 - 11:15 am	b. Estrogen/Selective Estrogen Receptor Modulators (SERM), Marie Foegh, MD, DSc
11:15 - 11:30 am	c. ACE Inhibitors/Calcium Channel Blockers, L. C. Paul, MD
11:30 - Noon	PANEL: Philip Halloran, Mary Russell, Gary Gibbons, Bruce McManus
Noon - 12:30 pm	Question and Answer Period: Are Our Conclusions the Same? What Did We Learn? Mary Russell, Bruce McManus, Leslie Miller
12:30 pm	Adjourn