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CURRICULUM VITAE

Date of Birth: February 17, 1968

Place of Birth: Seoul, Korea

Education:

Undergraduate

California Institute of Technology, 9/1/86 – 6/30/90
B.S. Degree in Applied Physics

Graduate

University of California at Santa Barbara, 9/1/90 – 6/30/91

Medical School

University of Illinois at Peoria, 9/1/91 – 6/30/95
M.D. Degree, June, 1995

Postgraduate Training

University of Southern California School of Medicine
Department of Surgery
Resident, 7/1/97 – 6/30/99

University of Southern California School of Medicine
and Children's Hospital of Los Angeles
Division of Cardiothoracic Surgery
Research Fellow, 7/1/97 – 6/30/99

University of Southern California School of Medicine
Department of Surgery
Resident, 7/1/99 – 6/30/02

University of Minnesota Hospitals
Division of Cardiovascular & Thoracic Surgery
Fellow, 7/1/02 – 7/31/05

Board Certification: The American Board of Surgery, 2002

The American Board of Thoracic Surgery
Written exam, December, 2005

Licensure California, 1996
Minnesota, July, 2005

Honors and Awards Alpha Omega Alpha, Illinois, 1995

Active Hospital Staffs:

North Memorial Medical Center
Fairview Southdale
Mercy/Unity Hospitals

Research Grants

1. Title: Mechanisms and prevention of reperfusion injury in experimental lung transplantation.
Sponsor: Heart and Lung Surgery Foundation, 1997-1998.
Total direct costs: \$60,000
Role: Investigator (Mark L. Barr, PI)
2. Title: Change in level and activity of Na⁺/K⁺ ATPase in response to hypoxia in a rodent pulmonary model.
Sponsor: Heart and Lung Surgery Foundation, 1998-1999
Role: Investigator (Mark L. Barr, PI)

Peer Reviewed Articles

1. Roberts RF, Nishian GP, Carey JN, Darbinian SH, Kim JD, Sakamaki Y, Chang NY, Starnes VA, Barr ML. Addition of aprotinin to organ preservation solutions decreases lung reperfusion injury. *Ann Thorac Surg* 66:225-230, 1998.
2. Kim JD, Baker CJ, Roberts RF, Darbinian SH, Marcus KA, Quardt SM, Starnes VA, Barr ML. Platelet activating factor acetylhydrolase decreases lung reperfusion injury. *Ann Thorac Surg* 70:423-428, 2000.
3. Kim JD, Baker CJ, Danto SL, Starnes VA, Barr ML. Modulation of pulmonary Na⁺ pump gene expression during cold storage and reperfusion. *Transplantation* 70:1015-1020, 2000.
4. Baker CJ, Quardt SM, Kim JD, Darbinian SH, Starnes VA, Barr ML. A novel paracorporeal method for isolated rat lung reperfusion. *Transplantation* 2001.

Peer Reviewed Abstracts / indexed

1. Roberts RF, Kim JD, Darbinian S, Marcus KA, Carey JN, Azatian A, Schimpf B, Dietsch G, Starnes VA, Barr ML. Addition of platelet activating factor acetylhydrolase to organ preservation solutions decreases lung reperfusion injury. *J Heart Lung Transplant* 17:53, 1998.
2. Kim JD, Barr ML, Baker CJ, Roberts RF, Danto SL. Modulation of pulmonary Na⁺ pump gene expression during cold storage and reperfusion. *J Heart Lung Transplant* 18:74, 1999.

References

R. Morton Bolman III, M.D.

Professor and Chief
Division of Cardiovascular & Thoracic Surgery
University of Minnesota Hospital
612/625-3902

Cynthia S. Herrington, M.D.

Associates Program Director of Cardiovascular & Thoracic
Surgery Fellowship
University of Minnesota Hospital
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Lyle D. Joyce, M.D., Ph.D.

Surgical Director of the Ventricular Assist Device Program
University of Minnesota Hospital
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