May, 2007

CURRICULUM VITAE

Robert Clayton Robbins, M.D.

Office Address: Department of Cardiothoracic Surgery
Falk Cardiovascular Research Center
Stanford University School of Medicine
Stanford, California 94305-5407
Telephone: (650) 723-5771

EDUCATION

DEGREE	INSTITUTION	MAJOR FIELD	DATES
A.A.	Jones Junior College Ellisville, Mississippi	Chemistry	9/75 – 5/77
B.S.	Millsaps College Jackson, Mississippi	Chemistry	9/77 – 5/79
M.D.	University of Mississippi Medical Center Jackson, Mississippi	Medicine	9/79 – 5/83
Intern	University of Mississippi Medical Center Jackson, Mississippi	General Surgery	7/83 – 6/84
Resident	University of Mississippi Medical Center Jackson, Mississippi	General Surgery	7/84 – 12/85
Postdoctoral Fellow	Columbia Presbyterian Medical Center New York, New York	Cardiothoracic Transplantation Department of Surgery	1/86 – 6/86
Clinical Associate	National Institutes of Health Bethesda, Maryland	Cardiothoracic Surgery Surgery Branch, NHLBI	7/86 – 6/88

Chief Resident	University of Mississippi Medical Center Jackson, Mississippi	General Surgery	7/88 – 6/89
Resident	Stanford University Hospital Stanford, California	Cardiothoracic Surgery	7/89 - 6/91

EDUCATION

DEGREE	INSTITUTION	MAJOR FIELD	DATES
Chief Resident	Stanford University Hospital Stanford, California	Cardiothoracic Surgery	7/91 - 6/92
Pediatric Fellow	Emory University School of Medicine Atlanta, Georgia	Congenital Heart Surgery	7/92 - 12/92
Pediatric Fellow	Royal Children's Hospital Melbourne, Australia	Congenital Heart Surgery	1/93 - 6/93

HONORS AND AWARDS

New York Thoracic Society Resident Award, 1986

Alpha Omega Alpha Resident Award, 1989
University of Mississippi Medical Center

General Surgery In-Service Award, 1989
University of Mississippi Medical Center

CERTIFICATION

American Board of Surgery,	1990, Certificate #35852 2002, Recertification #45856, 2013
American Board of Thoracic Surgery,	1994, Certificate #5559 2002, Recertification, 2014

ACADEMIC POSITIONS

Professor of Cardiothoracic Surgery
Stanford University School of Medicine
April 1, 2005 – present

Chairman, Department of Cardiothoracic Surgery
Stanford University School of Medicine
February 1, 2005

Director, Stanford Institute for Cardiovascular Medicine
Stanford University Hospital
March 1, 2004

Co-Director, Cardiac Clinical Center
Stanford University Hospital
June 16, 2002 - present

Associate Professor of Cardiothoracic Surgery (with tenure)
Stanford University School of Medicine
November 1, 2001- March 31, 2005

Director, Heart, Heart-Lung, and Lung Transplant Program
Stanford University School of Medicine
September 1, 1998- present

Assistant Professor of Cardiothoracic Surgery
Stanford University School of Medicine
March 1, 1995 to October 31, 2001

Acting Assistant Professor of Cardiothoracic Surgery
Stanford University School of Medicine
July 1, 1993 to February 29, 1995

Director, Cardiothoracic Transplantation Laboratory
Stanford University School of Medicine
July 1, 1993- present

UNIVERSITY SERVICE

1993 – present	File Reviewer and Interviewer, Medical School Admissions Panel, Stanford University School of Medicine
1993 - present	Elective Clerkship Coordinator, Department of Cardiothoracic Surgery, Stanford University School of Medicine
1997 - present	Advisory Board, Medical Device Network, Stanford University School of Medicine
2002	Search Committee, Division of Cardiology, Arrhythmia Section, Chief, Stanford University School of Medicine
2002-2003	Operating Budget Formula Committee, Stanford University School of Medicine
2002-2003	Search Committee, Division of Pediatric Pulmonary Medicine, Chief, Stanford University School of Medicine
2002-2003	Search Committee, Director, Wall Center for Pulmonary Hypertension, Stanford University School of Medicine
2003	Search Committee, Interventional Cardiology, Stanford University School of Medicine
2005- 2006	Search Committee, Chair, Department of Medicine, Stanford University School of Medicine

PUBLIC AND PROFESSIONAL SERVICE

1995 - present	Manuscript Reviewer, Annals of Thoracic Surgery
1996 - present	Manuscript Reviewer, Journal of Thoracic and Cardiovascular Surgery
1996	Ad Hoc Reviewer, National Institute of Neurological Disorders and Stroke Study Section, NIH

1996 - present	Manuscript Reviewer, New England Journal of Medicine
1996 - present	Abstract Reviewer, International Society of Heart and Lung Transplantation
1996 - present	California Transplant Donor Network-Medical Affairs Committee
1997 - present	Vivien Thomas Young Investigator Award Selection Committee, American Heart Association
1997 - present	Executive Committee, American Heart Association Council on Cardiothoracic and Vascular Surgery
1999-2002	Thoracic Organ Transplantation Committee, United Network for Organ Sharing
1999 - 2002	Region 5 Thoracic Organ Representative and Review Board Chair, United Network for Organ Sharing
1999 - present	Program Committee, American Heart Association
December 4, 2000	NHLBI Working Group on Tolerance Induction, National Institutes of Health
February 7-9, 2001	Immunopathogenesis of Chronic Graft Rejection Committee, NIAID, National Institutes of Health
March 28-29, 2001	Committee for Maximizig Use of Organs from Cadaver Donors, American Society of Transplantation/American Society of Transplant Surgeons
2000-2002	Co-Chair, Ventricular Assist Device Council, International Society of Heart and Lung Transplantation
2000 - present	Research Committee, Thoracic Surgery Foundation for Research and Education
May 25, 2001	Expert Panel on Minimally Invasive Surgery, Health Technology Center
2001-2002	Program Chair, International Society of Heart and Lung Transplantation

2002-2005	Guest Editor, Circulation, Surgical Supplement
2002-2005	American Heart Association Committee on Scientific Sessions Program, Cardiovascular Surgery and Anesthesia Council Representative
2002-2006	Program Chair, Western Thoracic Surgical Association
2003-2006	Membership Committee, American Association for Thoracic Surgery
2005-2006	Chair, Membership Committee, American Association for Thoracic Surgery
2003 - present	Data Safety Monitoring Board, National Institutes of Health, Surgical Treatment of Ischemic Congestive Heart Failure (STICH) Trial
2003	Program Chair, Mechanical Cardiac Support and Replacement III Symposium, International Society of Heart and Lung Transplantation, November 7-8, 2003
2003	Program Committee, International Society of Heart and Lung Transplantation
2003 - present	Education Committee, American Association for Thoracic Surgery
2003 – present	Membership Committee, American Association for Thoracic Surgery
2004- present	Workforce on Clinical Education, Society of Thoracic Surgeons
2004- present	Workforce on Surgical Treatment of End-Stage Cardiopulmonary Disease, Society of Thoracic Surgeons
2005-present	Vice Chair, American Heart Association Cardiovascular Surgery and Anesthesia Council
2006	President, International Society of Heart and Lung Transplantation
2006	President, Bay Area Society of Thoracic Surgeons
2006	Strategic Planning Committee, American Heart Association

2006	Strategic Planning Committee, NHLBI, Regenerative and Reparative Medicine
2006	President's Cabinet, California Polytechnic State University, San Luis Obispo, CA

PATENTS

United States Patent Application Serial No. 09/587,647 for "Method and composition for inhibiting cardiovascular cell proliferation" by John Cooke, Gary Fathman, Murray Kown, **Robert C. Robbins,** Jonathan Rothbard, Shiro Uemura.

RESEARCH GRANTS

"Arginine Polypeptide Medicated Blockade of Vein Graft Atherosclerosis"
Agency: Cellgate, Inc. Dates: 8/1/99- 6/30/00
Principal Investigator: Robert C. Robbins, M.D.
The novel arginine polypeptide R7 will be utilized for the prevention of intimal hyperplasia in arterialized vein grafts in a rabbit model.

"Imaging Apoptosis Associated Rejection in Cardiac Transplants with Tc-99m Annexin V Lipocortin"
Agency: Theseus Medical Imaging Corp. Dates: 7/1/99- 6/30/00
Principal Investigator: Robert C. Robbins, M.D.
Based on animal studies in our laboratory this clinical study will assess the efficacy of Tc-99m Annexin V as a non-invasive diagnostic tool for cardiac rejection.

"Simple Anastomosis Device"
Agency: The Lemelson Foundation No. 249-99 Dates: 7/1/98-6/30/03
Principal Investigator: Robert C. Robbins, M.D.
To develop a mechanical anastomotic device for the connection of bypass conduits to the aorta and the coronary arteries.

"Imaging Apoptosis in vivo with Technetium 99m Annexin"
Agency: National Institutes of Health No. 61717 Dates: 7/1/99 - 6/20/02
Other Investigator: Robert C. Robbins, M.D.
The use of Tc-99m Annexin V for investigation of apoptosis following cardiac transplantation.

"A Three-Year, Randomized, Multicenter Group…Study Efficacy and Safety of SDZ RAD Versus Azathioprine…Immunosuppressive Therapy…Decline of Pulmonary Function in Lung or Heart/Lung Transplant…Risk…Bronchiolitis.
Agency: Novartis Pharmaceuticals Corp. No. RABD 159 Dates: 7/1/98-6/30/03
Other Investigator: Robert C. Robbins, M.D.
To assess the efficacy of the new immunosuppressant, SDZ RAD, in lung transplant recipients with obliterative bronchiolitis.

"The Regulatory Role of *Bcl-2* in Myocardial Ischemia/Reperfusion Injury and Graft Coronary Artery Disease"
Agency: American Heart Association, Western States Affiliate No. 0060027Y
Principal Investigator: Robert C. Robbins, M.D. Dates: 7/1/00-6/30/02
To investigate the role that bcl-2 may play as a link between allograft reperfusion injury and graft coronary artery disease

"Oxidative Stress Signaling in Graft Coronary Artery Disease"
Agency: National Institutes of HealthNo. 1 RO1 HL65669-01A1 Dates: 7/1/00/6/30/04
Principal Investigator: Robert C. Robbins, M.D.
To investigate myocardial oxidative stress following cardiac transplantation and how it contributes to the development of graft coronary artery disease via a bcl-2-dependent mechanism.

FOUNDATION SUPPORT

Dr. Ralph and Marian Falk Medical Research Trust 1994-present

EDITORIAL BOARDS

2001 - present Editorial Board, Journal of Thoracic and Cardiovascular Surgery

2001 - present Editorial Board, Cardiac Surgery Digest

2003 - present Editorial Board, Journal of Heart and Lung Transplantation

2005 – present Editorial Board, Innovations

BOARD OF DIRECTORS

1997 - 2005	Board of Directors, California Transplant Donor Network
2000 - present	Board of Directors, International Society of Heart and Lung Transplantation
2000-2003	Board of Directors**,** Cohesion Technologies, Palo Alto, CA
2000 - present	Board of Directors, Cardica , Inc., Menlo Park, CA
2000 - present	Board of Directors, Bay Area Society of Thoracic Surgeons
2003 - present	Board of Directors, Cytograft Tissue Engineering, Inc., Novato, CA

ADVISORY ROLES

1995 - 2000	Scientific Advisory Board, Transvascular, Inc.**,** Menlo Park, CA
1995 - 1998	Scientific Advisory Board, Embol-X, Inc., Sunnyvale, CA
1997 - 2000	Scientific Advisory Board, ArthroCare, Corp., Sunnyvale, CA
1997 - 1999	Scientific Advisory Board, Cardio Vention, Inc., Palo Alto, CA
1997 - present	Scientific Advisory Board, Cardica (Vascular Innovations), Inc., Menlo Park, CA
1997-2000	Scientific Advisory Board, A-med, Inc., Sacramento, CA
1999 - 2001	Scientific Advisory Board, Microheart**,** Inc., Sunnyvale, CA
2000 - present	Scientific Advisory Board, Radiant Medical, Redwood City, CA
2000 - present	Scientific Advisory Board, Cytograft Tissue Engineering, Inc., Novato, CA
2001 - present	Scientific Advisory Board, Curis, Inc., Cambridge, MA

2005	Clinical Advisory Board, Afmedica, Inc., Kalamazoo, MI
2001 - present	Scientific Advisory Board, Paracor Surgical, Inc., Sunnyvale, CA
2001 - present	Physician Advisory Panel, Cardiac Surgery Technologies, Medtronic, Inc., Minneapolis, MN
2002 - present	Clinical Advisory Board, Xoma, LLC, Berkeley, CA
2005- present	Theregen, Corp, San Francisco, CA

MEMBERSHIPS

American Association for Thoracic Surgery
Society of Thoracic Surgeons
Western Thoracic Surgical Association
Fellow, American College of Surgeons
Andrew G. Morrow Society
Association of Academic Surgeons
Fellow, American Heart Association
James D. Hardy Society
San Francisco Surgical Society
International Society of Heart and Lung Transplantation
American Association for the Advancement of Science
The Transplantation Society
The 21st Century Cardiac Surgical Society
American Society of Transplant Surgeons
American Society of Transplantation
Society of University Surgeons
Founding Member, Bay Area Society of Thoracic Surgeons
Fellow, American College of Cardiology

TEACHING EXPERIENCE

1993 - 2006	Director, Clinical Cardiothoracic Surgery Teaching Conference 40 hrs/year

POSTDOCTORAL RESEARCH SCHOLARS SUPERVISED

1993-1994	Steve Nisco, M.D., Surgical Resident, Massachusetts General Hospital, Boston, MA
1993-1995	Kim Gandy, M.D., Surgical Resident, University of Minnesota, Minneapolis, MN
1994-1996	David Yuh, M.D., Surgical Resident, University of Minnesota, Minneapolis, MN (Funding, American Heart Association, 1994-1996)
1995-1997	Robert Poston, M.D., Surgical Resident, University of California, San Francisco (Funding, The Thoracic Surgery Foundation, 1996-1997)
1995-1997	Katsuhito Teranishi, M.D., Clinical Instructor, Nagoya University, Nagoya, Japan
1997-1998	Patrick Vriens, M.D., Surgical Resident, Leiden University Medical Center, Leiden, Netherlands
1997-1999	Atushi Yamaguchi, M.D., Clinical Instructor, Jichi Medical School, Omiya Medical Center, Saitama-Ken, Japan
1999-2000	Jurg Grunenfelder, M.D., Clinical Instructor, University Hospital, Zurich Switzerland
1998-2001	Doug Miniati, M.D., Surgical Resident, University of Maryland, Baltimore, M.D. (Funding, National Institutes of Health, NRSA 1999-2000; International Society of Heart and Lung Transplantation, 2001)
1998-2001	Mark Koransky, M.D., Surgical Resident, Stanford University
1998-2001	Murray Kown, M.D., Surgical Resident, Stanford University (Funding, American Society for Transplant Surgeons)(Western Thoracic Surgical Association Sampson Award, 2000)
2000-2001	Maarten Lijkwan, Visiting Researcher, University of Leiden, The Netherlands

2000-2001	Jasper Martens, Visiting Researcher, University of Leiden, The Netherlands
1999-2002	Seiichiro Murata, M.D., Clinical Instructor, Jichi Medical School, Omiya Medical Center, Saitama-Ken, Japan
2001-2002	Pekka Hammainen, M.D., Clinical Instructor, Helsinki University Central Hospital, Helsinki, Finland
2001-2003	Leora Balsam, M.D., Surgical Resident, Stanford University (Funding, TheThoracic Surgery Foundation, Nina Braunwauld Award, 2002)
2001 - 2004	Masashi Tanaka, M.D., Clinical Instructor, Jichi Medical School, Omiya Medical Center, Saitama-Ken, Japan
2002 - 2004	David Cooke, M.D. Surgical Resident, Massachusetts General Hospital, Boston, MA (Funding, American Society of Transplantation, National Institutes of Health, Minority Grant, 2003)
2002 - 2004	Theodore Kofidis, M.D., Cardiac Surgeon, Hannover Medical School, Hannover, Germany
2003 -2005	Monika Zwierzchoniewska, M.D., Resident, Pomeranian Medical School, Poland
2003 - 2004	Anthony Caffarelli, M.D., Surgical Resident, Stanford University (Funding, TheThoracic Surgery Foundation, 2003)
2004 - 2005	Ingo Kutschka, M.D., Cardiac Surgeon, Klinikum Braunschweig, Germany
2004 -2006	Stephen Hendry, M.D., Surgical Resident, Tulane University, New Orleans, LA
2004 - 2006	Kenichiro Noguchi, M.D., Resident, Jichi Medical School, Saitama, Japan
2004 -present	Ahmad Sheikh, M.D., Resident, Massachusetts General Hospital, Boston, MA

2006- present	Sonja Schrepfer, M.D., Cardiac Surgery Fellow, Department of Cardiovascular Surgery, University Hospital Hamburg-Eppendorf, Germany
2006- present	William Stein, M.D., General Surgery Resident, George Washington University School of Medicine, Washington, D.C.
2006- present	Rutger-Jan Swijnenburg, M.D., General Surgery Resident, Leiden University, Leiden, Netherlands

CURRENT RESEARCH INTERESTS

1. Stem Cell Biology and the use of Stem Cells for the Treatment of Congestive Heart Failure
2. Cardiac Allograft Vasculopathy (Chronic Cardiac Transplant Rejection)
3. Genetic Mechanisms of Idiopathic Dilated Cardiomyopathy
4. Development of Automated Vascular Anastomosis Devices
5. Growth and Implantation of Autologous Tissue Engineered Vascular Grafts

CLINICAL CARDIOTHORACIC RESIDENT/TRANSPLANTATION FELLOWS TRAINED

7/93 – 6/94
Christopher Heck, Private Practice, Minneapolis, MN
Mario Pompilli, Kaiser Permanente, San Francisco, CA
Julian Smith Chair, Department of Surgery, Monash University, Melbourne, Australia
Greg Ribacove (Tx) Professor, Department of Surgery, New York University, New York, NY

7/94 – 6/95
John Stevens, Founder, Heartport, Inc., Redwood City, CA
John Conte, Associate Professor, Johns Hopkins University, Baltimore, MD
Herman Reichenspurner (Tx), Chair, Cardiac Surgery, Hamberg, Germany
Patrick DiVallera (Tx), Mayo Clinic, Scottsdale, AR

7/95 – 6/96
James Fann, Associate Professor, Stanford University
Kwok Yun, Kaiser Permanente, Los Angeles, CA

7/96 – 6/97
Robert Hagberg, Private Practice, Norfolk, VA
Robert Hooker, Private Practice, Grand Rapids, MI
Michael Wilson (Tx), Associate Professor, Sidney, Australia

7/97 – 6/98
Marc Moon, Associate Professor, Washington University, St. Louis, MO
Joe Schmoker, Assistant Professor, University of Vermont
Clifford Barlow (Tx), Consultant, Southampton, UK

7/98 – 6/99
Steve Nisco, Private Practice, Spokane, WA
Renzo Cecere (Tx), Assistant Professor, McGill University, Montreal, Canada

7/99 – 6/00
Abe DeAnda, Associate Professor, Medical College of Virginia, Richmond, VA
John Ikonomidis, Assistant Professor, Medical College of South Carolina, Charleston, SC
Francois Dagenais (Tx), Assistant Professor, Quebec University, Quebec City, Canada

7/00 – 6/01
Mahender Macha, Assistant Professor, Temple University, Philadelphia, PA
David Yuh, Assistant Professor, Johns Hopkins University, Baltimore, MD
Marc Pelletier (Tx), Assistant Professor, University of Toronto, Toronto, Canada

7/01 - 6/02
Juan Umana, Assistant Professor, University of Bogata, Bogata, Columbia
Luca Vricella, Assistant Professor, Johns Hopkins University, Baltimore, MD
Philipe Demers (Tx), Assistant Professor, Montreal Heart Institute, Montreal, Canada

7/02 – 6/03
Christopher Salerno, Assistant Professor, University of Washington, Seattle, WA
Michael Coady, Assistant Professor, Yale University, New Haven, CT
Peter Kouretas (Tx), Congenital Cardiac Surgical Fellow, Stanford University

7/03-6/04

Susan Moffat-Bruce, Assistant Professor, University of British Columbia, Vancouver, Canada
Kai Ihnken, Assistant Professor, University of California, San Diego, CA
Clinton Lloyd, Consultant, Southampton General Hospital, England
Eddy Chedrawy, Assistant Professor, Northwestern University, Evanston, IL

7/04 – 6/05
Scott Ross, Private Practice, Virginia Beach, VA
Conrad Vial, Private Practice, Redwood City, CA
Aziz Alkhaldi (Tx), Fellow, Congenital Heart Surgery, Stanford University, Stanford, CA

7/05- 6/06
Michael Fischbein, Instructor, Department of Cardiothoracic Surgery, Stanford University
Richard Lee
Michael Lavrsen (Tx), Fellow, Congenital Heart Surgery, Stanford University, Stanford, CA
Hari Mallidi (Tx), Assistant Professor, Department of Cardiothoracic Surgery, Stanford University

7/06 – 6/07
Murray Kown, Chief Resident, Cardiothoracic Surgery, Stanford University
James Yun, Chief Resident, Cardiothoracic Surgery, Stanford University
S.Chris Malasrie (Tx)
Kapil Sharma (Tx)

PEER-REVIEWED JOURNAL ARTICLES

1. Addonizio LJ, Gersony WM, **Robbins RC**, Drusin RE, Smithy CR, Reison DS, et al.: Elevated pulmonary vascular resistance and cardiac transplantation. Circulation 1987; 78:V52-55.

2. **Robbins RC**, Sadeghi AM, Kurlansky PA, Smith CR, Reemtsma K, Rose EA: Failure of donor-specific pre-transplant blood transfusion to prolong heterotopic cardiac allograft survival in rats. Transplantation 1987; 43:757-758.

3. Sadeghi AM, **Robbins RC**, Smith CR, Kurlansky PA, Michler RE, Reemtsma K, et al.: Cardiac xenotransplantation in primates. J Thorac Cardiovasc Surg 1987; 93:809-814.

4. Sadeghi AM, **Robbins RC**, Smith CR, Kurlansky PA, Michler RE, Reemtsma K, et al.: Cardiac xenograft survival in baboons treated with cyclosporine in combination with conventional immunosuppression. Transplant Proc 1987; 19:1149-1152.

5. **Robbins RC**, Bowman FO, Malm JR: Cardiac valve replacement in children: a twenty-year series. Ann Thorac Surg 1988; 45:56-61.

6. Swain JA, McDonald TJ, **Robbins RC**, Hampshire VA: Hemodynamics and metabolism during surface-induced hypothermia in the dog: a comparison of pH management strategies. J Surg Res 1990; 48:217-222.

7. **Robbins RC**, Balaban RS, Swain JA: Intermittent hypothermic asanguinous cerebral perfusion (cerebroplegia) protects the brain during prolonged circulatory arrest: a 31P NMR study. J Thorac Cardiovasc Surg 1990; 99:878-884.

8. Stone CD, Rosengard BR, Boorstein SM, **Robbins RC**, Hennein HA, Clark RE: Prostaglandin E2 inhibits in vitro and in vivo lymphocyte responses in allogenic transplantation. Ann Thorac Surg 1990; 49:927-931.

9. DeBoer DA, **Robbins RC**, Maron BJ, McIntosh CE, Clark RE: Late results of aortic valvulotomy for congenital valvular aortic stenosis. Ann Thorac Surg 1990; 50:69-73.

10. Cooper MM, **Robbins RC**, Goldman CK, Mirzadeh S, Brechbiel MW, Stone CD, et al.: Use of yttrium-90 labeled anti-tac antibody in primate xenograft transplantation. Transplantation 1990; 50:760-765.

11. Swain JA, **Robbins RC**, Balaban RS, McDonald TJ, Schneider B, Groom RC: The effect of cardiopulmonary bypass on brain and heart metabolism: a 31P NMR study. Magnetic Resonance in Medicine 1990; 15:446-455.

12. Swain JA, McDonald TJ, **Robbins RC**: Metabolism of the heart and brain during hypothermic cardiopulmonary bypass. Ann Thorac Surg 1991; 51:105-109.

13. Swain JA, McDonald TJ, **Robbins RC**, Balban RS: Relationship of cerebral and myocardial intracellular pH to blood pH during hypothermia. Am J Physiol 1991; 260:H1640-1644.

14. **Robbins RC**, MacManus RP, Mitchell RS, Latter DR, Olinger GN, Miller DC: Management of intramural hematoma of the thoracic aorta. Circulation 1993; 88(part 2):1-10.

15. Sarris GE, **Robbins RC**, Miller DC, Mitchell RS, Moore KA, Stinson EB, et al.: Randomized prospective assessment of bioprosthesis durability: Hancock vs. Carpentier-Edwards valves. Circulation 1993; (part 2):55-64.

16. Sarris GE, Smith JA, Shumway NE, Stinson EB, Oyer PE, **Robbins RC**, Billingham ME, Theodore J, Moore KA, Reitz BA: Long-term results of combined heart-lung transplantation: The Stanford experience. J Heart Lung Transp 1994; 13:940-949.

17. **Robbins RC**, Mitchell ME, Sachs DH, Clark RE: Human plasma causes rapid dysfunction in ex *vivo* pig hearts. J Heart Lung Transp 1994; 13:877-81.

18. **Robbins RC**, Chin C, Yun KL, Berry GJ, Bernstein D, Reitz BA: Arterial switch and resection of hepatic hemangioendothelioma. Ann Thor Surg 1995; 59:1575-1577.

19. **Robbins RC**, Bernstein D, Berry GJ, Reitz BA: Cardiac transplantation for hypertrophic cardiomyopathy associated with Sengers' syndrome. Ann Thor Surg 1995; 60:1425-1427.

20. Pattison JM, Valentine V, Kuo P, **Robbins RC**, Theodore J, Petersen J: The incidence of renal failure in one hundred consecutive heart-lung transplant recipients. Am J Kidney Diseases 1995; 26:643-648.

21. Yun K, Miller DC, Moore KA, Mitchell RS, Oyer PE, Stinson EB, **Robbins RC**, Reitz BA, Shumway NE: Durability of the Hancock MO bioprosthesis compared with standard aortic valve bioprostheses. Ann Thorac Surg 1995; 60:S221-228.

22. Reichenspurner H, Girgis RE, **Robbins RC**, Conte JV, Nair RV, Valentine V, Berry GJ, Morris RE, Theodore J, Reitz BA: Obliterative bronchiolitis after lung and heart-lung transplantation. Ann Thorac Surg 1995; 60:1845-1853.

23. Yuh DD, Gandy KL, Morris RE, Hoyt G, Gutierrez J, Reitz BA, **Robbins RC**: Leflunomide prolongs pulmonary allograft and xenograft survival. J Heart Lung Transplant 1995; 14:1136-1144.

24. Girgis RE, Reichenspurner H, **Robbins RC**, Reitz BA, Theodore J: Utility of annual surveillance bronchoscopy in heart-lung transplant recipients. Transplantation 1995; 60:1458-1461.

25. Smith JA, Ribakove GH, Hunt SA, Miller J, Stinson EB, Oyer PE, **Robbins RC**, Shumway NE, Reitz BA: Heart retransplantation: the 25-year experience at a single institution. Journal of Heart and Lung Transplantation, 1995 Sep-Oct, 14(5):832-9.

26. Valentine VB, **Robbins RC**, Wehner JH, Patel HR, Berry GJ, Theodore J: Total lymphoid irradiation for refractory acute rejection in heart-lung and lung allografts. Chest 1996; 109: 1184-1189.

27. **Robbins RC**, Stinson EB: Long-term results of left ventricular myotomy and myectomy for obstructive hypertrophic cardiomyopathy. J Thorac Cardiovasc Surg 1996; 111:586-594.

28. Clarke DE, Green RJ, Mark JBD, **Robbins RC**, Raffin TA: Upper airway obstruction caused by low-grade tracheal papillary adenocarcinoma: An unusual flow-volume loop pattern. J Thorac Cardiovasc Surg 1996; 111:1286-1288.

29. Valentine VG, **Robbins RC**, Berry GJ, Patel HR, Reichenspurner H, Reitz BA, Theodore J: Actuarial survival of heart-lung and bilateral sequential lung transplant recipients with obliterative bronchiolitis. J Heart Lung Transp 1996; 15:371-383.

30. Snyder BJ, **Robbins RC**, Ramos D: Primary repair of complete sternal cleft, "partial ectopia cordis" with pectoralis major muscle flaps. Ann Thorac Surg, 1996; 61:983-984.

31. Conte JV, **Robbins RC**, Valentine VG, Theodore J, Shumway NE, Starnes VA, Reitz BA: Pediatric heart-lung transplantation: intermediate term results. J Heart Lung Transp 1996; 15:692-699.

32. Soghikian MV, Valentine VG, Berry GJ, Patel HR, **Robbins RC**, Theodore J: The impact of ganciclovir prophylaxis on heart-lung and lung allograft recipients. J Heart Lung Transp 1996; 15:881-887.

33. Yuh DD, Gandy KL, Hoyt G, Reitz BA, **Robbins RC**: Tolerance to cardiac allografts induced *in utero* with fetal liver cells. Circulation 1996; II:304-307.

34. Fann JI, Miller DC, Moore KA, Mitchell RS, Oyer PE, Stinson EB, **Robbins RC**, Reitz BA, Shumway NE: Twenty-year clinical experience with porcine bioprostheses. Ann Thorac Surg 1996; 62-1301-12.

35. Reichenspurner H, Girgis RE, **Robbins RC**, Yun KL, Nitschke M, Berry GJ, Morris RE, Theodore J, Reitz BA. Stanford experience with obliterative bronchiolitis after lung and heart-lung transplantation. Ann Thorac Surg 1996; 62:1467-72.

36. Girgis RE, Tu I, Berry GJ, Reichenspurner H, Valentine VG, Conte JV, Ting A, Johnstone I, Miller J, **Robbins RC**, Reitz BA, Theodore J. Risk factors for the development of obliterative bronchiolitis after lung transplantation. J Heart Lung Transp 1996; 15:1200-8.

37. Yuh DD, Gandy KL, Hoyt G, Reitz BA, **Robbins RC**: A rodent model of in utero chimeric tolerance induction. J Heart Lung Transp 1997; 16:222-30.

38. Beck CE, Lin A, **Robbins RC**, Dosanjh A: Improvement in the nutritional and pulmonary profiles of cystic fibrosis patients undergoing bilateral sequential lung and heart-lung transplantation. Nutrition in Clinical Practice 1997; 12:216-21.

39. Yuh DD, Gandy KL, Reitz BA, Hoyt G, **Robbins RC**: Perinatal induction of immunotolerance to cardiac and pulmonary allografts. J Thorac Cardiovasc Surg 1997; 114:64-75.

40. Poston RS, Billingham ME, Pollard J, Hoyt EG, **Robbins RC**: Effects of increased ICAM-1 on reperfusion injury and chronic graft vascular disease. Ann Thorac Surg 1997; 64:1004-12.

41. Yun KL, Miller DC, Fann JI, Mitchell RS, **Robbins RC**, Moore KA, Oyer PE, Stinson EB, Shumway NE, Reitz BA: Composite valve graft versus separate aortic valve and ascending aortic replacement - is there still a role for the separate procedure? Circulation 1997; 96(9Suppl):II-368-75.

42. Burkhoff D, Fulton R, Wharton K, Rizzuto C, Billingham ME, **Robbins RC**: Myocardial perfusion through naturally occurring subendocardial channels. J Thorac Cardiovasc Surg 1997; 114:497-99.

43. Krieger NR, Yuh D, McIntyre WB, Flavin TF, Yin D, Robbins RC, and Fathman CG: Prologation of cardiac graft survival with anti-CD41g plus hCTLA4Ig in primates. Journal of Surgical Research 1998;76(2):174-8.

44. Shirai LK, Rosenthal DN, Reitz BA, **Robbins RC**, Dubin AM: Arrhythmias and thromboembolic complications at mid-term followup after the extracardiac Fontan. operation. J Thorac Cardiovasc Surg 1998; 115:499-05.

45. Leung AN, Fisher K, Valentine VG, Girgis R, Berry GJ, **Robbins RC**, Theodore J: Bronchiolitis obliterans after lung transplantation: detection using expiratory CT. Chest 1998; 113:365-70.

46. Poston RS, Tran KP, Mann MJ, Hoyt EG, Dzau VJ, **Robbins RC**: Prevention of ischemically induced neointimal hyperplasia using ex *vivo* antisense oligodeoxynucleotides. J Heart Lung Transplant 1998; 17:349-55.

47. Ikonomidis JS, Nisco SJ, Liang DH, **Robbins RC**: Paradoxical embolism of a shotgun pellet. Ann Thorac Surg 1998; 66:562-4.

48. Sze DY, **Robbins RC**, Semba CP, Reitz BA, Dake MD. Superior vena cava syndrome after heart transplantation: percutaneous treatment of a complication of bicaval anastomoses. J Thorac Cardiovasc Surg 1998; 116:253-61.

49. Teranishi K, Poston RS, Reitz BA, **Robbins RC**. Oral delivery of low molecular weight heparin in rat cardiac allografts. Transplant Proc 1998; 30:996-7.

50. Teranishi K, Poston RS, Tsao PS, Asagami T, Cooke JP, Reitz BA, **Robbins RC**. Effect of cyclosporine on chronic graft vascular disease in rat cardiac isograft model. Transplant Proc 1998; 30:1012-3.

51. Teranishi K, Poston RS, Reitz BA, **Robbins RC**. Effect of low molecular weight heparin on suppression of chronic graft vascular disease in rat cardiac allograft model. Transplant Proc 1998; 30:1009-11.

52. Blankenberg FG, Katsikis PD, Tait JF, Davis RE, Naumovski L, Ohtsuki K, Kopiwoda S, Abrams MJ, Darkes M, **Robbins RC**, Maecker HT, Strauss HW. In vivo detection and imaging of phosphatidylserine expression during programmed cell death. Proc Natl Acad Sci USA 1998; 95:6349-54.

53. Dosanjh AK, **Robbins RC**: Cytokines GM-CSF, IL-5, and eosinophil activation in the airway lavage fluid from lung transplant recipients. Chest 1998; 114:349.

54. Poston RS, Ennen M, Pollard J, Hoyt EG, Billingham ME, **Robbins RC**. *Ex Vivo* gene therapy prevents chronic graft vascular disease in cardiac allografts. J Thorac Cardiovasc Surg 1998; 116:386-96.

55. Eghtesady P, Skarsgard ED, Smith BM, **Robbins RC**, Wexler L, Rhine WD: Congenital diaphragmatic hernia associated with aortic coarctation. J Pediatr Surg 1998; 33:943-5.

56. Dosanjh AK, **Robbins RC**: The bronchoalveolar lavage fluid of cystic fibrosis lung transplant recipients demonstrates increased interleukin-8 and elastase and decreased IL-10 levels. Journal of Interferon and Cytokine Research 1998; 18:851-54.

57. Dosanjh AK, Teschmacher L, Yuh D, **Robbins RC**: Pleural disease in patients undergoing lung transplantation for cystic fibrosis. Pediatric Transplantation 1998; 2:283-7.

58. Vriens PW, Blankenberg FG, Stoot JH, Ohtsuki K, Berry GJ, Tait JF, Strauss HW, **Robbins RC**: The use of 99mTechnetium labeled annexin V for *in vivo* imaging of apoptosis and cardiac allograft rejection. J Thorac Cardiovasc Surg 1998; 116:844-53.

59. Gummert JF, Ikonen T, Briffa N, Hayase M, Perlroth J, Kobayashi Y, B Hausen, Barlow C, Billingham ME, Fitzgerald P, Yock PG, **Robbins RC**, Morris RE: A new large-animal model for research of graft vascular disease. Transplant Proc 1998; 30:4023.

60. Chin C, Miller J, **Robbins RC,** Reitz BA, Bernstein D: The use of advanced –age donor hearts adversely affects survival in pediatric heart transplantation. Pediatric Transplantation 1999;3(4);309-14.

61. Teranishi K, Poston RS, Reitz BA, **Robbins RC**. Effect of low molecular weight heparin on graft vascular disease in rat cardiac allograft model. Transplant Proc 1999; 31:103-05.

62. Ikonomidis JS, **Robbins RC**. Cervical aortic arch with pseudocoarctation: presentation with spontaneous rupture. Ann Thorac Surg 1999; 67:248-50.

63. **Robbins RC**, Barlow CW, Oyer PE, Miller JA, Hunt SA, Reitz BA, Stinson EB, Shumway NE. Thirty years of cardiac transplantation at Stanford University. J Thorac Cardiovasc Surg 1999; 117:939-51.

64. Whyte RI, **Robbins RC**, Altinger J, Barlow C, Doyle R, Theodore J, Reitz BA: Heart-lung transplantation for primary pulmonary hypertension. Ann Thorac Surg 1999; 67:937-41.

65. Mann MJ, Gibbons GH, Hutchinson H, Poston RS, Hoyt EG, **Robbins RC**, Dzau VJ: Pressure-mediated oligonucleotide transfection of rat and human cardiovascular tissues. Proc Natl Acad Sci USA 1999; 96:6411-16.

66. Feeley BT, Park AK, Alexopoulos S, Hoyt EG, Ennen M, Poston RS, **Robbins RC**: Pressure Delivery of AS-ICAM-1 ODN with LFA-1mAB Reduces Reperfusion Injury in Cardiac Allografts. Annals of Thoracic Surgery 1999; 68(1):119-24.

67. Poston RS, Billingham ME, Hoyt EG, Pollard J, Morris RE, **Robbins RC**: Rapamycin reverses chronic graft vascular disease in a novel allograft model. Circulation 1999; 100(1):67-74.

68. **Robbins RC**, Oyer PE. Bridge-to-transplant with the Novacor left-ventricular assist system. Ann Thorac Surg 1999; 68(2)S:695-697.

69. Poston RS, Ing, DJ, Ennen MP, Hoyt GE, **Robbins RC**: ICAM-1 Affects Reperfusion Injury and Graft Function after Cardiac Transplantation. J. Surgical Research 1999; 87:25-31.

70. Fitzgerald PJ, Yock P, Yeung, Hayase, Virmani, **Robbins RC**, Berkoff, Osterle SN: New Approaches and Conduits In-Situ Venous Arterialization and Coronary Artery Bypass. Current Science in Cardiothoracic Medicine 1999:1:127-137.

71. Feeley BT, Park A, Hoyt EG, **Robbins RC**: Sulfasalazine inhibits reperfusion injury and prolongs allograft survival in rat cardiac transplants. J Heart Lung Transp 1999; 18(11):1088-95.

72. Poston RS, Mann MJ, Hoyt GE, Ennen M, Dzau VJ, and **Robbins RC**: Antisense Oligodeoxynucleotides Prevent Acute Cardiac Allograft Rejection via a Novel, Nontoxic, Highly Efficient Transfection Method. Transplantation 1999:68(6):825-32.

73. Barlow CW, **Robbins RC**, Moon MR, Akindipe O, Theodore J, Reitz BA: Heart-lung versus double-lung transplantation for suppurative lung disease. J Thorac Cardiovasc Surg, 2000,119;(3):466-76.

74. Hausen B, Ikonen T, Briffa N, Berry GJ, Christians U, **Robbins RC**, Hook L, Serkova N, Benet LZ, Schuler W, Morris RE: Combined immunosuppression with cyclosporine (NeoralR) and SD in non-human primate lung transplantation: systematic pharmacokinetic-based trails to improve efficacy and tolerability. Transplantation 2000; 69(1):76-86

75. Peterson KL, DeCampli WM, Pike NL, **Robbins RC**, Reitz BA. Regional anesthesia in pediatric cardiac surgery: report of 220 consecutive cases. Anesth Analog 2000; 90(5):1014-9.

76. Feeley BT, Poston RS, Vriens PW, Ennen MP, Park A, Hoyt EG, **Robbins RC**: Optimization of pressure as a vector for *ex vivo* delivery of antisense oligodeoxynucleotides in cardiac allografts leads to a reduction in reperfusion injury. Transplantation 2000, 69(6):1067-74.

77. Reichenspurner H, Navia JA, Berry GJ, **Robbins RC**, Barbut D, Gold JP, Reichart B: Particulate Emboli Capture By An Intra-Aortic Filter Device During Cardiac Surgery. J Thoracic Cardiovasc Surg 2000; 119(2):233-41.

78. Poston RS, **Robbins RC**, Chan B, Simms P, Presta L, Jardieu P, and Morris RE: Effects of Humanized Monoclonal antibody to rhesus CD11a in a rhesus monkey cardiac allograft recipients. Transplantation 2000; 69(10):2005-13.

79. Vriens, PW, Stoot JH, Bouwman E, and **Robbins RC**: Blood transfusion effect on xenograft survival in athymic nude rats is mediated by humoral factors. Transplant Proc 2000:32(5):1034.

80. Ikonen, TS, Gummert JF, Briffa N, Honda Y, Hayase M, Hausen B, Perlroth J, Barlow C, Billingham ME, Yock, PG, **Robbins RC**, Morris RE: Multidimensional Assessment of Graft Vascular Disease (GVD) in Aortic Grafts by Serial Intravascular Ultrasound in Rhesus Monkeys. Transplantation 2000; 70:(3)420-429.

81. Blankenberg FG, **Robbins RC**, Stoot BS, Vriens PW, Berry GJ, Tait JF and Strauss HW: Radio-nuclide Imaging of Acute Lung Transplant Rejection with Annexin V. Chest 2000; 117:834-840.

82. Kown MH, Van der Steenhoven T, Blankenberg FG, Hoyt G, Berry GJ, Tait JF, Strauss HW, **Robbins RC**. Zinc-mediated reduction of apoptosis in cardiac allografts. Circulation 2000; 102(19 Suppl 3):III228-32.

83. Miniati DN, Hoyt EG, Feeley BT, Poston RS, **Robbins RC**. Ex vivo antisense oligonucleotides to proliferating cell nuclear antigen and Cdc2 kinase inhibit graft coronary artery disease. Circulation 2000; 102(19 Suppl 3):III237-242.

84. Yamaguchi A, Woodburn WK, Hayase M, **Robbins RC**. Reduction of Vein Graft Disease Using Photodynamic Therapy with Motexafin Lutetium in a Rodent Isograft Model. Circulation 2000; 102(19 Suppl 3):III275-280.

85. Feeley BT, Miniati DN, Park AK, Hoyt EG, **Robbins RC**: Nuclear factor-kappaB transcription factor decoy treatment inhibits graft coronary artery disease after cardiac transplantation in rodents. Transplantation 2000; 70(11):1560-1568.

86. **Robbins RC**, Kown MH, Portner PM, Oyer PE. The totally implantable Novacor left ventricular assist system. Ann Thor Surg 71(3 Suppl): S162-5.

87. Vriens, PW, Stoot JH, Bouwman E, and **Robbins RC**: Xeno-tolerance induced by blood transfusion in athymic nude rats. Transplant Proc 2001, 33(1-2): 791.

88. Reinhartz O, Keith FM, El-Banayosy A, McBride LR, **Robbins RC**, Copeland JG, Farrar DJ. Multicenter experience with the Thoratec ventricular assist device in children and adolescents. J Heart Lung Transp 2001, 20: 439-48.

89. Moon MR, Miller DC, Moore KA, Oyer PE, Mitchell RS, **Robbins RC**, Stinson EB, Shumway NE, Reitz BA. Treatment of endocarditis with valve replacement: the question of tissue versus mechanical prosthesis. Ann Thor Surg 2001, 71:1164-71.

90. Kown MH, Yamaguchi A, Jahncke CL, Miniati DN, Murata S, Grunenfelder J, Koransky ML, Rothbard JB, **Robbins RC**: L-arginine polymers inhibit the development of vein graft neointimal hyperplasia. J Thorac Cardiovasc Surg 2001, 121:971-80.

91. Chan MC, Giannetti N, Kato T, Kornbluth M, Oyer PE, Valantine HA, **Robbins RC**, Hunt SA. Severe tricuspid regurgitation after heart transplantation. J Heart Lung Transp 2001, 20: 709-17.

92. Barlow CW, Moon MR, Green GR, Gamberg P, Theodore J, Reitz BA, **Robbins RC**: Rabbit antithymocyte globulin versus OKT3 induction therapy after heart-lung and lung transplantation: effect on survival, rejection, infection, and obliterative bronchiolitis. Transplant International 2001, 14:234-9.

93. Kown ML, van der Steenhoven T, Uemura SH, Jahncke CL, Hoyt GE, Rothbard JB, and **Robbins RC**: L-Arginine Polymers Mediated Inhibition of Graft Coronary Artery Disease Following Cardiac Transplantation. Transplantation 2001; 71(11)1542-8.

94. Yamaguchi A, Woodburn WK, Hayase M, Hoyt G, **Robbins RC**: Photodynamic Therapy of Motexafin Lutetium (Lu-Tex) Reduces Experimental Graft Coronary Artery Disease. Transplantation. 2001; 71(11)1526-32.

95. Grunenfelder J, Miniati DN, Murata S, Falk V, Hoyt EG, Kown M, Koransky ML, and **Robbins RC**: Upregulation of Bcl-2 through capase-3 inhibition ameliorates ischemia/reperfusion injury in rat cardiac allografts. Circulation 2001; 104(12 Suppl1):I202-6.

96. Vriens PW, Stoot JH, Hoyt EG, Scheringa M, Bouwman E and **Robbins RC**: Pre transplant blood transfusion induces tolerance to hamster cardiac xenografts in athymic nude rats. Xenotransplantation2001; 8(4):247-57.

97. Vriens PW, Pollard JD, Hoyt EG, Morris RE, Scheringa M, Bouwman E, and **Robbins RC**: Hamster cardiac xenografts are protected against antibody mediated damage early after transplantation to Lewis rats. Xenotransplantation 2001; 8(4):239-46.

98. Valantine HA, Luikart HI, Doyle RL, Theodore J, Hunt SA, Oyer PE, **Robbins RC**, Berry GJ and Reitz BA: Impact of CMV Hyperimmune Globulinon Outcome after Cardiothoracic Transplantation: A Comparative Study of combined Prophylaxis with CMVIG Plus Ganciclovir vs Ganciclovir Alone. Transplantation2001; 27; 72(10):1647-52.

99. Kown, MH, Strauss HW, Blankenberg FG, Berry GJ, Stafford-Cecel S, Tait JF, Goris ML, and **Robbins RC**: *In Vivo* Imaging of Acute Cardiac Rejection in Human

Patients Using 99m technetium Labeled Annexin V. Am. J. Transplantation. 2001.1(3); 270-7.

100. Dagenais F, Portner PM, **Robbins RC** and Oyer PE: The Novacor Left Ventricular Assist System: Clinical Experience from the Novacor Registry. J. Cardiac Surgery, 2002; 16(2):267-271.

101. Yamaguchi A, Hirata K, Miniati D, Hoyt G, **Robbins RC**: Ex vivo blockade of endothelin-1 inhibits graft coronary artery disease in a rodent cardiac allograft model. J. Heart & Lung Transplantation 2002; 21(4):417-24.

102. Pelletier, MP, Chang C, Vagelos R, and **Robbins RC**: Alternative Approach for Use of Left Ventricular Assist Device with a Thrombosed Prosthetic Valve. International Society of Heart and Lung Transplantation 2002; 21(3):402-4.

103. Kown MH, van der Steenhoven TJ, Jahncke CL, Mari C, Lijkwan MA, Koransky ML, Blankenberg FG, Strauss HW and **Robbins RC**: Zinc Chloride Mediated Reduction of Apoptosis as an Adjunct Immunosuppressive Modality in Cardiac Transplantation. J. Heart and Lung Transplantation 2002; 21(3):360-5.

104. Grunenfelder J, Miniati DN, Murata S, Falk V, Hoyt GE, Kown M, Koransky ML and **Robbins RC**: Upregulation of bcl-2 though hyperbaric pressure transfection of TGF-betal ameliorates ischemia-reperfusion injury in rat cardiac allografts. J. Heart & Lung Transplantation 2002; 21(2):244-50.

105. Falk V, Soccal PM, Gruenfelder, J, Hoyt G, Walther T, and **Robbins RC**: Regulation of matrix metalloproteinases and effect of MMP inhibition in heart transplant related reperfusion injury. European J. Cardio-thoracic Surg 2002; 22;53-58.

106. Vricella LA, Karamichalis JM Ahmad S, **Robbins RC**, Whyte RI and Reitz BA: Lung and heart-lung transplantation in patients with end-stage cystic fibrosis: the Stanford experience. Ann Thorac Surg 2002; 74(1):13-17.

107. Zaroff JG, Rosengard BR, Armstrong WF, Babcock WD, D=Alessandro A., Dec GW, Edwards NM, Higgins RS, Jeevanandum V, Kauffman M, Kirklin JK, Large SR, Marelli D, Peterson TS, Ring WS, **Robbins RC**, Russell, SD, Taylor DO, Van Bakel A, Wallwork J, and Young JB. Maximizing use of organs recovered from the cadaver donor: cardiac recommendations. J Heart & Lung Transplant 2002:21 (11):1153-60.

108. Umana JP, Lai DT, Mitchell RS, Moore KA, Rodriguez F, **Robbins RC**, Oyer PE, Dake MD, Shumway NE, Reitz BA and Miller DC: Is Medical Therapy Still the Most Optimal Treatment Strategy For patients With Acute Type B Aortic Dissections? J Thor Cardiovasc Surg 2002; 124(5);896-910.

109. Joo Soo N, Irokawa T, Wu JV, **Robbins RC**, Whyte RI, and Wine JJ: Absent secretion to vascoactive intestinal peptide in cystic fibrosis airway glands. J. Biol Chem 2002; 277(52): 507-15.

110. Lai DT, **Robbins RC**, Mitchell RS, Moore KA, Oyer PE, Shumway NE, Reitz BA, Miller DC. Does profound hypothermic circulatory arrest improve survival in patients with acute type a aortic dissection? Circulation 2002; 24:106(12 S1):I128-28.

111. Kown MH, Jancke TL, Lijkwan MA, Koransky ML, Mari C, Berry GJ, Blankenberg FG, Strauss HW and **Robbins RC**: The Use of 99m Technetium Labeled MCP-1 to Assess Graft Coronary Artery Disease in Rat Allografts. Journal of Heart and Lung Transplantation 2002; 21(9):1009-15.

112. Zaroff JG, Rosengard BR, Armstrong WF, Babcock WD, D=Alessandro A, Dec DW, Edwards NM, Higgins RS, Jeevanadum V, Kauffman M, Kirkline JK, Large SR, Marelli D, Peterson TS, Ring WS, **Robbins RC**, Russell SD, Taylor DO, Van Bakel A, Wallwork J, and Young JB: Consensus conference report: maximizing use of organs recovered from the cadaver donor cardiac recommendations. Circulation 2002; 106(7):836-41.

113. Kofidis T, Nolte D, Simon AR, Metzakis A, Balsam L, **Robbins RC**, Haverich A: Restoration of blood flow and evaluation of corresponding angiogenic events by scanning electron microscopy after a single dose of VEGF in a model of peripheral vascular disease. Angiogenesis 2002, 5: 78-92.

114. Chin, C, Hunt S, **Robbins RC**, Hoppe R, Reitz B, and Bernstein D: Long-term Follow up After Total Lymphoid Irradiation in Pediatric Heart Transplant Recipients. Journal of Heart and Lung Transplantation 2002; 21(6):667-673.

115. Kown MH, Murata S, Jahncke CL, Mari C, Berry GJ, Lijkwan MA, Blankenberg FG, Strauss HW, and **Robbins RC**: Donor cardiac allografts from p53 knockout mice exhibit apoptosis independent prolongation of survival. Transplant Proc 2002;34(8):3274-6.

116. Pelletier MP, Coady M, Macha M, Oyer, PE, and **Robbins RC**: Coronary atherosclerosis in cardiac transplant patients treated with total lymphoid irradiation. Journal of Heart and Lung Transplantation 2003;22(2):124-9.

117. Fearon WF, Balsam LB, Farouque HM, **Robbins RC**, Fitzgerald PJ, Yock PG, and Yeung AC: Novel index for invasively assessing the coronary microcirculation. Circulation 2003;107(25)3129-32.

118. Kofidis T, Struber M, Warnecke G, Sommer S, Leyh RG, Balsam LB, **Robbins RC**, and Haverich A. Antegrade versus retrograde perfusion of the donor lung: impact on the early reperfusion phase. Transplant International 2003; 16(11):801-5.

119. Murata S, Miniati DN, Kown MH, Koransky ML, Balsam LB, Lijkwan MA, Martens JM, and **Robbins RC**: Elevated cyclic adenosine monophosphate a ameliorates ischemia-reperfusion injury in rat cardiac allografts. Journal of Heart and Lung Transplantation 2003;22(7);802-9.

120. Demers P, Moffatt S, Oyer PE, Hunt SA, Reitz BA, and **Robbins RC**: Long-term results of heart transplantation in patients older than 60 years. Journal Thoracic and Cardiovascular Surg 2003;126(1):224-31.

121. Miniati DN, Lijkwan MA, Murata S, Martens J, Coleman CT, Hoyt GE, and **Robbins RC**: Effects of adenoviral up-regulation of bcl-2 on oxidative stress and graft coronary artery disease in rat heart transplants. Transplantation 2003;76(2)382-6.

122. Kofidis T, Akhyari P, Waschsmann B, Mueller-Stahl K, Boublik J, Puhparwar A, Mertsching H, Balsam LB, **Robbins RC**, and Haverich A: Clinically Established Hemostatis Scoffold (Tissue Fleece) as Biomatrix in Tissue-and Organ-Engineering Research. Tissue Engineering 2003;9(3):517-523.

123. Montoya JG, Chapparo SV, Celis D, Cortes JA, Leung AN**, Robbins RC** and Stevens DA: Invasive aspergillosis in the setting of cardiac transplantation. Clin Infect. Dis. 2002;1:37 Suppl3:S281-92.

124. Shiba N, Chan MC, Valantine HA, Gao SZ, **Robbins RC**, and Hunt SA: Longer-term risks associated with 10-year survival after heart transplantation in the cyclosporine era. J. Heart Lung Transplant. 2003; 22(10):1098-106.

125. Kown MH, Miniati DN, Jhancke CL, Lijkwan MA, Murata S, Koransky ML, Blankenberg FG, Strauss HW, and **Robbins RC**: Bcl-2 Mediated Inhibition of Apoptosis in Rat Cardiac Allografts Worsens Development of Graft Coronary Artery Disease. J Heart Lung Transplant. 2003; 22(9):986-92.

126. Kown MH, Suzuki T, Koransky ML, Penta K, Sakamotot G, Jahncke CL, Carter AJ, Quertermous T, and **Robbins RC:** Comparison of developmental endothelial locus-1 angiogenic factor with vascular endothelial growth factor in a porcine model of cardiac ischemia. Ann Thorac Surgery 2003;76(4):1246-51.

127. Collins KK, Thiagarajan RR, Chin C, Dubin AM, Van Hare GF, **Robbins RC,** Mayer JE, Bernstein D, Berul CI, and Blume ED: Atrial tachyarrhythmias and permanent pacing after pediatric heart transplantation. 2003. J Heart Lung Transplant. 22(10):1126-33.K

128. Kown MH, Lijkwan MA, Jahncke CL, Murata S, Rothbard JB and **Robbins RC**: L-arginine polymers enhance coronary flow and reduce oxidative stress following cardiac transplantation in rats. J Thorac Cardiovasc Surg 2003;126(4):1065-70.

129. Fearon WF, Farouque HM, Balsam LB, Cooke DT, **Robbins RC**, Fitzgerald PJ, Yeung AC, and Yock PG: Comparison of coronary thermodilution and Doppler velocity for assessing coronary flow reserve. Circulation 2003; 108(18):2198-200.

130. Cantin B, Kwok BW, Chan MC, Malantine HA, Oyer PE, **Robbins RC**, and Hunt SA: The impact of brain death on survival after heart transplantation: time is of the essences. Transplantation 2003; 76(9):1275-9.

131. Lai DT, Miller DC, Mitchell RS, Oyer, PE, Moore KA, **Robbins RC**, Shumway NE, and Reitz BA: Acute Type A aortic dissection complicated by aortic regurgitation: composite valve graft versus separate valve versus conservative valve repair. J. Thoracic and CV Surg 2003; 126(6): 1978-86.

132. Soccal PM, Gasche Y, Miniati DN, Hoyt G, Berry GJ, Doyle RL, Theodore J, and **Robbins RC**: Matrix metalloproteinase inhibition decreases ischemia-reperfusion injury after lung transplantation. Am. J. Transplant 2004;4(1):41-50.

133. Shiba N, Chan MC, Kwok BW, Valantine HA, **Robbins RC,** and Hunt SA: Analysis of survivors more than 10 years after heart transplantation in the cyclosporine era: Stanford Experience. J Heart Lung Transplant 2004;23(2):155-64.

134. Rosenthal DN, Chin C, Nishimura K, Perry SB, **Robbins RC**, Reitz B, Bernstein D, and Feinstein JA: Identifying cardiac transplant rejection in children: diagnostic utility of echocardiography, right heart catheterization and endomyocardial biopsy data. J Heart Lung Transplant 2004;23(3):323-9.

135. Yiannopolous A, Shafazand S. Ziedalski T, Berry GJ, Robbins RC, Theodore, and Faul JL. Gastric pacing for severe gastroparesis in a heart-lung transplant recipient. J Heart Lung Transplant 2004;23(3):371-4.

136. Balsam LB, Wagers AJ, Christensen JL, Kofidis T, Weissman IL, and **Robbins RC**: Haematopoietic stem cells adopt mature haematopoietic fates in ischaemic myocardium. Nature 2004;8:428(6983):668-73.

137. Kofidis T, Balsam L, deBruin J, and **Robbins RC**: Distinct cell-to-fiber junctions are critical for the establishment of cardiotypical phenotype in a 3D bioartificial environment. Med Eng Phy 2004;26(2):157-63.

138. Caffarelli AD, and **Robbins RC**: Will minimally invasive valve replacement ever really be important? Curr Opin Cardiol. 2004;19(2):123-7.

139. Ziedalski TM, Raffin TA, Sze DY, Mitchell JD, **Robbins RC**, Theodore J, and Faul J: Chylothorax after heart/lung transplantation. J Heart Lung Transplant 2004:23(5):627-31.

140. Fearon WF, aarnoudse W, Pijls NH, DeBruyne B, Balsam LB, Cooke DT, **Robbins RC**, Fitzgerald PJ, Yeung AC, and Yock PG. Microvascular resistance is not influenced by epicardial coronary artery stenosis severity: experimental validation. Circulation 2004:109(19):2269-72.

141. Murata S, Sundell CL, Lijkwan MA, Balsam LB, Hammanien P, Coleman C, York C, Luchoomun J, Suen KL, Howard R, Somers PK, Morris RE, and **Robbins RC**: Effects of AGI-1096 a novel antioxidant compound with anti-inflammatory and antiproliferative properties on rodent allograft arteriosclerosis. Transplantation 2004;77(10):1494-500.

142. Ihnken, K, Sze D, Dake MD, Fleishhmann D, Van Der Starre P, and **Robbins RC**: Successful treatment of a Stanford type A dissection by percutaneous placement of a covered stent graft in the ascending aorta. J Thoracic and CV Surgery 2004;127(6):1808-1810.

143. Kofidis, J, deBruin JL, Hoyt G, Lebl D, Tanaka M, Yamane T, Chang CP, and **Robbins RC**: Injectable bioartificial myocardial tissue for large-scale intramural cell transfer and functional recovery of injured heart muscle. J Thoracic and CV Surgery 2004;128(4):571-78.

144. Tanaka M, Nakae S, Terry RD, Mokhtari GK, Gunawan F, Balsam L, Kaneda H, Kofidis T, Tsao PS, and **Robbins RC**: Cardiomyocyte-Specific Bcl-2 Overexpression Attenuates Ishemia-Reperfusion Injury, Immune Response During Acute Rejection, and Graft Coronary Artery Disease. Blood 2004; 104(12);3789-3796.

145. Tanaka M, Mokhtari GK, Terry RD, Balsam L, Lee KH, Kofidis T, Tsao PS, and **Robbins RC:** Overexpression of human copper/zinc superoxide dismuse (SOD1) suppresses ischemia-reperfusion injury and subsequent development of graft coronary artery disease in murine cardiac grafts. Circulation 2004;110(11Suppl 1):II200-6.

146. Tanaka M, Terry RD, Mokhtari GK, Inagaki K, Koyanagi T, Kofidis T, Mochley-Rosen D, and **Robbins RC**: Suppression of graft coronary artery disease by a brief treatment with a selective epilsonPKC activator and a delta PKC inhibitor in murine cardiac allografts. Circulation 2004;110(11 Suppl 1):II94-9.

147. Cooke DT, Caffarelli AD, and **Robbins RC**: The road to clinical xenotransplatation: a worthwhile journey. Transplantation. 2004;78(8):1108-9.

148. Murata S, Miniati DN, Kown MH, Koransky ML, Likwan MA, Balsam LB< and **Robbins RC**: Superoxide dismutas mimetic m40401 reduces ischemia-reperfusion injury and graft coronary artery disease in rodent cardiac allografts. Transplantation 2004;78(8):1166-71.

149. Miniati DN, and **Robbins RC**: Adenovirus-Mediated Gene Transfer to the Rat Heart Graft. Transplantation. 2004;78(9):1408-09.

150. Kofidis T, deBruin JL, Yamane T, Balsam LB, Lebl DR, Swijnenburg RJ, Tanaka M, Weissman IL, and **Robbins RC**: Insulin-like growth factor promotes engraftment, differentiation, functional improvement after transfer of embryonic stem cells for myocardial restoration. Stem Cells 2004;22(7):1239-45.

151. Vriens PW, Stoot JH, Steenhover TJ, Hoyt G, Bouwman E, and Robbins RC: Pre-transplant blood transfusion and cyclosporine A induce long-term hamster cardiac xenograft survival in immunocompetent rates. Xenotransplantation 2005;12(1):63-71.

152. Tanaka M, Fedoseyeva EV, and **Robbins RC**: Graft Coronary artery disease in murine cardiac allografts: Proposal to meet the need for standardized assessment. J. Heart Lung Transplant 2005; 24(3): 316-22.

153. Fedoseyeva, EV, Zweirchoniewska M, and **Robbins RC:**.: Transplantation autoimmunity: the rediscovery of self. Current Opinion Organ Transplant 2005;10:9-14.

154. Moffatt, SD, Demers P, **Robbins RC**, Doyle R, Weinacker A, Henig N, Theodore J, Reitz B and Whyte RI: Lung Transplantation: A Decade of Experience. J. Heart Lung Transplant 2005; 24(2): 145-151.

155. Lijkwan M A, Cooke DT, Martens JM, Kown MH, Murata S, Peterson SH, Hoyt EG, and **Robbins RC**: Cyclosporine Treatment of High Dose and Long Duration Reduces the severity of graft Coronary Artery Disease in Rodent Cardiac Allografts. J. Heart Lung Transplant 2005; 24(4):439-445.

156. Tanaka M, Mokhtari GK, Balsam LB, Cooke DT, Kofidis T, Zweirchoniewska M, and **Robbins RC**: Cyclosporine Mitigates Graft Coronary Artery Disease in Murine Cardiac Allografts: Description and Validation of a Novel Fully Allogenic Model. J. Heart Lung Transplant 2005; 24(4):446-453.

157. Cooke DT, Hoyt EG, and **Robbins RC**: Overexpression of human bcl-2 in syngeneic rat donor lungs preserves post transplant function and reduces intragraft caspase activity and interleukin-1beta production. Transplantation 2005; 79(7):762-7.

158. Pelletier MP, Coady M, Ahmed S, Lamb J, Reitz BA, and **Robbins RC**: Successful repair of tracheal dehiscence after heart-lung transplantation. J Heart Lung Transplant 2005;24(1):99-101.

159. Balsam LB, Kofidis T, and **Robbins RC:** Caspase-3 inhibition preserves myocardial geometry and long-term function after infarction**.** J. Surg Res 2005;124(2):194-200.

160. Tanaka M, Gunawan F, Terry RD, Inagaki K, Caffarelli AD, Hoyt G, Tsao PS, Mochly-Rosen D, and **Robbins RC**: Inhibition of heart transplant injury and graft coronary artery disease after prolonged ischemia by selective protein kinase C regulators. J Thoracic Cardiovasc Surg 2005;129(5):1160-7.

161. Kofidis T, deBruin JL, Yamane T, Tanaka M, Lebl DR, Swijnenburg RJ, Weissman IL, and **Robbins RC**: Stimulation of paracrine pathways with growth factors enhances

embryonic stem cell engraftment and host-specific differentiation in the heart after ischemic myocardial injury. Circulation 2005;111(19):2486-93.

162. Tanaka M, Zweirzchoniewska M, Mokhtari GK, Terry RD, Balsam LB, **Robbins RC** and Fedoseyeva EV: Progression of Alloresponse and Tissue-Specific Immunity during Graft Coronary Artery Disease. Am J Transplant 2005;5(6):1286-96.

163. Sellke FW, DiMaio JM, Caplan LR, Ferguson TB, Gardner TJ, Hiratzka LF, Isselbacher EM, Lytle BW, Mack MJ, Murkin JM, and **Robbins RC**: Comparing on-pump and off-pump coronary artery bypass grafting: numerous studies but few conclusions: a scientific statement from the American heart Association council on cardiovascular surgery and anesthesia in collaboration with the interdisciplinary working group on quality of care and outcomes research. Circulation 2005;111(21):2858-64.

164. Kofidis T, deBruin JL, Hoyt G, Ho Y, Tanaka M, Yamame T, Lebl DR, Swijnenburg RJ, Chang CP, Quertermous T, and **Robbins RC**: Myocardial restoration with embryonic stem cell bioartificial tissue transplantation. J Heart Lung Transplant 2005;24(6):737-44.

165. Kofidis T, deBruin JL,Tanaka M, Zweirzchoniewksa M, Weissman, I, Fedoseyeva E, Haverich A, and **Robbins RC**: They are not stealthy in the heart: embryonic stem cells trigger cell infiltration, humoral and T-lymphocyte-based host immune response. Eur J Cardiothorac Surg 2005;28(3):461-6.

166. Balsam LB, Mokhtari GK, Jones S, Peterson S,Hoyt EG, Kofidis T, Tanaka M, Cooke DT, and **Robbins RC**: Early inhibition of caspase-3 activity lessens the developments of graft coronary artery disease. J Heart Lung Transplant 2005;24(7):827-32.

167. Tanaka M, Swijnenburg RJ, Gunawan F, Cao YA, Yang Y, Caffarelli AD, deBruin JL, Contag CH, and **Robbins RC**: In vivo visualization of cardiac allograft rejection and trafficking passenger leukocytes using bioluminescence imaging. Circulation 2005;112(Suppl 9):I105-10.

168. Tanaka M, Sydow K, Gunawan F, Jacobi J, Tsao PS, **Robbins RC**, and Cooke JP: Dimethylarginine dimethylaminohydrolase overexpression suppresses graft coronary artery disease. Circulation 2005;112(11);1549-56.

169. Chin C, Pittson S, Luikart H, Bernstein D, **Robbins R**, Reitz B, Oyer P, and Valantine H: Induction therapy for pediatric and adult heart transplantation:comparison between OKT3 and daclizumab. Transplantation 2005;80(4):477-81.

170. Swijnenburg RJ, Tanaka M, Vogel H, Baker J, Kofidis T, Gunawan F, Lebl DR, Caffarelli AD, deBruin JL, Fedoseyeva EV, and **Robbins RC**: Embryonic stem cell immunogenicity increases upon differentiation after transplantation into ischemic myocardicum. Circulation 2005;112(Suppl 9):I166-72.

171. Kofidis T, Lebl DR, Martinez EC, Hoyt EC, Tanaka M, and **Robbins RC:** Novel injectable bioartificial tissue facilitates targeted, less invasive, large-scale tissue restoration on the beating heart after myocardial injury. Circulation 2005;112(Suppl 9):I173-7.

172. Balsam LB and **Robbins RC**: Haematopoietic stem cells and repair of the ischaemic heart. Clin Sci 2005;109(6):483-92.

173. Tanaka M, Mokhtari GK, Terry RD, Gunawan F, Balsam LB, Hoyt G, Lee KH, Tsao PS, and **Robbins RC**: Prolonged cold ischemia in rat cardiac allografts promotes ischemia-reperfusion injury and the development of graft coronary artery disease in a linear fashion. J Heart Lung Transplant 2005;24(11):1906-14.

174. Arai T, Kofidis T, Bulte JW, deBruin J, Venook RD, Berry GJ, McConnell MV, Quertermous T, **Robbins RC**, and Yang PC: Dual in vivo magnetic resonance evaluation of magnetically labeled mouse embryonic stem cells and cardiac function at 1.5 t. Magn Reson Med. 2005;55(1):203-9.

175. Reinhartz O, Hill JD, Al-Kaldi A,Pelletier MP, **Robbins RC**, and Farrar DJ: Thoratec ventricular assist devices in pediatric patients: update on clinical results ASAIO J 2005;51(5):501-3.

176. Cao YA, Bachmann MH, Beilhack A, Yang Y, Tanaka M, Swijnenburg RJ, Reeves R, Taylor-Edwards C, Schulz S, Doyle TC, Fathman CG, **Robbins RC**, Herzenberg LA, Negrin RS, Contag CH. Molecular imaging using labeled donor tissues reveals patterns of engraftment, rejection, and survival in transplantation. Transplantation. 2005 Jul 15;80(1):134-9.

177. Kofidis T, Lebl DR, Swinjnenburg RJ, Greeve JM, Klima U, Gold J, Xu C, **Robbins RC**: Allopuinol/uricase and ibuprofen enhance engraftment of cardiomyocyte-

enriched human embryonic stem cells and improve cardiac function following myocardial injury. Eur J Cardiothoracic Surg 2006;29(1);50-5.

178. Moffatt-Burce SC, Karamichalis J, **Robbins RC**, Whyte RI, Theodore J, and Reitz BA: Are heart-lung transplant recipients protected from developing bronchiolitis obliterans syndrome? Ann Thorac Surg 2006;1(1);286-91.

179. Wu JC, Spin Jm, Cao F, LinS, Xie X, Gheysens O, Chen IY, Skeikh AY, **Robbins RC**: Tsalenko A., Gambhir SS, and Quertermous T: Transcriptional Profliling of Reporter Genes used for Molecular Imaging of Embryonic Stem Cell Transplantation. Physiol Genomics 2006 Mar 13;25(1):29-38. Jan 3, 2006. (Epub ahead of print).

180. Joo NS, Irokawa T, **Robbins RC**, Wine JJ. Hyposecretion, not hyperabsorption, is the basic defect of cystic fibrosis airway glands. J Biol Chem. 2006 Mar 17;281(11):7392-8. Epub 2006 Jan 12.

181. Al-Khaldi A, **Robbins RC**. Successful repair of blunt injury of aortic arch branches in the setting of bovine arch. J Vasc Surg. 2006 Feb;43(2):396-8.

182. Dunnington GH Jr, Sleasman J, Alkhaldi A, Pelletier MP, Reitz BA, **Robbins RC**. Successful bridge to transplant using the Berlin Heart left ventricular assist device in a 3-month-old infant. Ann Thorac Surg. 2006 Mar;81(3):1116-8.

183. L'Heureux N, Dusserre N, Konig G, Victor B, Keire P, Wight TN, Chronos NA, Kyles AE, Gregory CR, Hoyt G, **Robbins RC**, McAllister TN. Human tissue-engineered blood vessels for adult arterial revascularization. Nat Med. 2006 Mar;12(3):361-5. Epub 2006 Feb 19

184. Al-Khaldi A, Oyer PE, **Robbins RC**. Outcome analysis of donor gender in heart transplantation. J Heart Lung Transplant. 2006 Apr;25(4):461-8. Epub 2006 Feb 28.

185. Kuppahally S, Al-Khaldi A, Weisshaar D, Valantine HA, Oyer P, **Robbins RC**, Hunt SA. Wound healing complications with de novo sirolimus versus mycophenolate mofetil-based regimen in cardiac transplant recipients. Am J Transplant. 2006 May;6(5 Pt 1):986-92.

186. Kutschka I, Chen IY, Kofidis T, Arai T, von Degenfeld G, Sheikh AY, Hendry SL, Pearl J, Hoyt G, Sista R, Yang PC, Blau HM, Gambhir SS, **Robbins RC**. Collagen matrices enhance survival of transplanted cardiomyoblasts and contribute to functional

improvement of ischemic rat hearts.
Circulation. 2006 Jul 4;114(1 Suppl):I167-73.

187. Kutschka I, Kofidis T, Chen IY, von Degenfeld G, Zwierzchoniewska M, Hoyt G, Arai T, Lebl DR, Hendry SL, Sheikh AY, Cooke DT, Connolly A, Blau HM, Gambhir SS, **Robbins RC**. Adenoviral human BCL-2 transgene expression attenuates early donor cell death after cardiomyoblast transplantation into ischemic rat hearts. Circulation. 2006 Jul 4;114(1 Suppl):I174-80.

188. Schrepfer S, Deuse T, Sultan KR, Haddad M, Boger R, Munzel T, Schafer H, Pelletier MP, **Robbins RC**, Reichenspurner H. Inhibition of Restenosis Development after Mechanical Injury: A New Field of Application for Malononitrilamides? Cardiology. 2006 Oct 6;108(2):128-137.

189. Nwakanma LU, Vricella LA, Conte JV, **Robbins RC**. Aortic root aneurysm due to donor cystic medial degeneration after heart-lung transplantation. J Heart Lung Transplant. 2006 Oct;25(10):1273-5. Epub 2006 Sep 12.

190. Yue P, Arai T, Terashima M, Sheikh AY, Cao F, Charo DN, Hoyt G, Robbins RC, Ashley EA, Wu J, Yang PC, Tsao PS. Magnetic resonance imaging of progressive cardiomyopathic changes in the db/db mouse. Am J Physiol Heart Circ Physiol. 2006 Nov 22.

191. Schrepfer S, Deuse T, Koch-Nolte F, Krieger T, Haddad M, Schafer H, Pelletier MP, **Robbins RC**, Reichenspurner H. FK778 in experimental xenotransplantation: a detailed analysis of drug efficacy.J Heart Lung Transplant. 2007 Jan;26(1):70-7.

NON-PEER-REVIEWED JOURNAL ARTICLES

1. **Robbins RC**: Pulmonary chondroid syringoma. Contemporary Surgery 1987, 30:81-83.

2. **Robbins RC**, Oyer PE, Stinson EB, Starnes VA: The use of monoclonal antibodies after heart transplantation. Transpl Sci 1992; 2(Suppl):22-27.

3. Yuh DD, **Robbins RC**, Reitz BA. Heart-lung transplantation: An update. Asian Cardiovascular and Thoracic Annals 1996; 4:4-13.

4. Berry GJ, Poirier CD, **Robbins RC**, Theodore J. Chronic pulmonary allograft rejection following successful bilateral lung transplantation. Pathology Case Reviews March/April 1998; 3:80-5.

5. Miller DC, **Robbins RC**: 1998 AATS Scientific Achievement Award recipient-Norman E. Shumway, MD, PHD, American Association for Thoracic Surgery. Invited Article. J. Thorac Cardiovasc Surg, 1999, 118(5):783-6.

6. Miniati DN, Hunt SA, **Robbins RC**: Treatment Options for Patients with Severe Myocardial Failure: A Review of the Latest Technology. ACC Current Journal Review 1999;8(4):44-48.

7. Berry GJ, Theodore J, **Robbins RC** and Atkins K: A Spectrum of Airway Complications Following Thoracic Transplantation. Transplantes 1999; 5(3):4-1

8. **Robbins, RC**: Profiles in Cardiology: Norman E. Shumway. Clinical Cardiology, 2000, 23: 462-66.

9. Miniati DN, **Robbins RC**: Mechanical support for acutely failed heart or lung grafts. J Card Surg 2000;15(2):129-135.

10. Miniati DN, **Robbins RC**: Techniques in orthotopic cardiac transplantation: a review. Cardiology in Review, 2001, 9:131-6.

11. Miniati DN, **Robbins RC**: Oxidative stress and Graft Coronary Artery Disease: Early Factors Contributing to Late Outcomes. Transplantation Reviews;12(2)102-08.

12. **Robbins RC**: Ethical implications of heart transplantation in elderly patients. J Thorac Cardiovasc Surg 2001, 121:434-5.

13. Miniati DN and **Robbins RC**: Heart transplantation: A Thirty year perspective. Annual Review of Medicine 2002;53:189-205.

14. Koransky ML, **Robbins RC** and Blau HM: VEGF Gene Delivery for Treatment of Ischemic Cardiovascular Disease. Trends in Cardiovascular Medicine. Trends in CV Medicine.2002; 12(3):108-114.

15. Balsam LB, Miniati DN, and **Robbins RC**: Antisense oligonucleotides:design, construction, and applications to cardiac allograft transfer. Methods Mol Biol 2003;219:129-33.

16. **Robbins RC:** Ethical implications of heart transplantation in elderly patients**.** J Thoracic and CV Surg 2003;125(3):S62-63.

17. Kofidis T, Balsam LB, **Robbins RC**: A few critical aspects—Achilles heels—of tissue engineering approaches to restore injured myocardium. Letter to the Editor. J. Thoracic and CV Surg. 2003; 12(6):2113-4.

18. Koransky ML, Tavana ML, Yamaguchi A, Kown MH, Miniati DN, Nowlin W, and **Robbins RC**: Quantification of mechanical stabilization for the performance of off-pump coronary artery surgery. Heart Surgery Forum 2003. 6(4):224-31.

19. Balsam LB, **Robbins RC**. Haematopoietic stem cells and repair of the ischaemic heart.
Clin Sci (Lond). 2005 Dec;109(6):483-92.

20. Baldwin JT, **Robbins RC**; National Heart, Lung, and Blood Institute Working Group. Executive summary for the National Heart, Lung, and Blood Institute Working Group on next generation ventricular assist devices for destination therapy.
Semin Thorac Cardiovasc Surg. 2005 Winter;17(4):369-71.

21. Al-khaldi A, **Robbins RC**. New directions in cardiac transplantation.
Annu Rev Med. 2006;57:455-71. Review.

BOOK CHAPTERS

1. Spotnitz HM, Clark MB, Wong CYH, **Robbins RC**, Antunes ML: Echocardiography in cardiac interventions. In: Intraoperative Echocardiography in Valvular Heart Disease. I. Cikes, ed., Kluwer Academic Publishers, The Netherlands, 1989; 313-330.

2. **Robbins RC**: Postoperative management of atrial septal and ventricular septal defects. Johns Hopkins Postoperative Manual. In: Critical Care Heart Disease in Infants and Children, D.E. Nichols, D. Cameron, eds., Mosby Inc. Publishers, Philadelphia, 1995; 581-600.

3. Valentine VG, **Robbins RC**, Theodore J: Clinical diagnosis in heart and heart-lung allograft rejection. In: Solid Organ Transplant Rejection, 3rd edition, 1996; 327-366.

4. Yuh DD, **Robbins RC**, Reitz BA: Transplantation of the heart and lungs. In: Cardiac Surgery in the Adult, Edmunds, eds, 1996; 1451-1475.

5. **Robbins RC**, Yuh DD, Reitz BA: The heart/i. congenital diseases of the heart. In: Fundamentals of Surgery, Niederhuber, Appleton & Lange, eds, 1996.

6. Moon MR, Barlow CW and **Robbins RC**. Early Postoperative Care of Lung and Heart-Lung Transplant Recipients. In: Heart and Lung Transplantation,, eds, 1999.

7. **Robbins RC**: Additional strategies for immunosuppression of heart-lung and lung transplant recipients. In: Heart and Lung Transplantation, Reitz BA, Baumgartner WA, eds, 1999.

8. Kown MH, **Robbins RC**. Controversies surrounding the current status of heart-lung transplantation. Seminars in Respiratory and Critical Care Medicine, 1999.

9. Miniati DN, Hunt SA, **Robbins RC**: Treatment options for patients with severe myocardial failure: a review of the latest technology. ACC Current Journal Review, 1999.

10. Miniati DN, **Robbins RC**, Reitz BA: Heart and heart-lung transplantation. In: Braunwald E., ed. Heart Disease: A Textbook of Cardiovascular Medicine, 6th Edition. Philadelphia: W.B. Saunders Company.

11. Balsam LB, Miniati DN,**Robbins RC**: Antisense Oligonucleotides: Design, Construction, and Applications to Cardiac Allograft Transfer. Methods in Molecular Biology. Humana Press, 2002.

12. Balsam LB, **Robbins RC**: Heart Transplantation. In: Sabiston & Spencer's Surgery of the Chest: Chapter 92. Elsevier Science, 2003. In Press.

13. Miniati DN and Robbins RC: Heart and Lung Transplantation. In: Yang and Cameron, ed. Current Therapy in Thoracic and Cardiovascular Surgery. Elsevier Science, 2003.

14. Moffatt-Bruce S, **Robbins RC**, Berry GJ, Hunt SA, Schroeder J: In Hurst's The Heart. Cardiac Transplantation, Mechanical Ventricular Support and Endomyocardial Biopsy. McGraw-Hill, 2003.

15. Kouretas PC, Moffatt-Bruce S, **Robbins RC**: Long Term Mechanical Circulatory Support and Cardiac Transplantation. In: Heart Failure: Comprehensive Guide to Diagnosis and Management. G. William Dec, ed. Marcel Dekker, Inc., 2003.

16. Schroeder, JS, Moffat SD, Berry GJ, and **Robbins RC:** Surgical Treatment of Heart Failure, Cardiac Transplantation, and Mechanical Ventricular Support. In Hurst's The Heart, McGraw-Hill, 2004.

17. Kofidis T, **Robbins RC**: In: Nanoscale Technology in Biological Systems, Chapter 16: Nanobiology in Cardiology and Cardiac Surgery, CRC Press, 2005.

18. Balsam LB, **Robbins RC**: In: Sabiston & Spencer Surgery of the Chest, Vol. II, 7th Ed., Chapter 94: Heart Transplantation, Elsevier Sanders, 2005.

19. Sheikh, A Y, Yang PC., Wu, J C, and **Robbins RC**: In Cardiovascular and Regeneration and Stem Cell Therapy, Part III, Chapter 11. Embryonic stem cells in myocardial regeneration. Annarosa Leri, Piero Anversa, and William H. Frishman, editors. Blackwell Publishing, 2007.

ABSTRACTS

1. Addonizio LJ, **Robbins RC**, Reison DS, Drusin RE, Smith CR, Reemtsma K, et al.: Transplantation in patients with high pulmonary vascular resistance. Oral Presentation, International Society of Heart and Lung Transplantation, 1986; J Heart Transplant 1986; 5:394.

2. **Robbins RC**, Antunes ML, Clark MB, Spotnitz HM: Left ventricular mass, volume, and ejection fraction during aortic or mitral valve replacement for chronic regurgitation. Oral presentation, New York Society of Thoracic Surgery, February 20, 1986.

3. **Robbins RC**, Bowman F, Malm JR: Cardiac valve replacement in children. Oral presentation, New York Society of Thoracic Surgery, November 13, 1986.

4. Antunes ML, Clark MB, Steinhardt MJ, **Robbins RC**, Spotnitz HM, Marboe CC, et al.: Long-term function of human allografts assessed by two-dimensional echocardiography. Oral Presentation, American College of Cardiology 1987; J Am Coll Cardiol Abstracts 1987; 9:146A.

5. **Robbins RC**, Swain JA, McDonald TJ, Hampshire VA: The effect of blood pH on oxygen consumption and hemodynamics during hypothermia in the dog. Oral presentation, Federated American Societies of Experimental Biology, May 1988.

6. Cooper MM, **Robbins RC**, Waldmann TA, Gansow OA, Clark RE: Use of anti-tac antibody in primate cardiac xenograft transplantation. Oral Presentation, American College of Surgeons 1988; Surgical Forum 1988; 39:353-55.

7. Mitchell MM, **Robbins RC**, Kupferschmid JP, Clark RE: Effects of chronic amiodarone administration on cardiac function following hypothermic global ischemia in the rat heart. Oral Presentation American College of Surgeons 1988; Surgical Forum 1988; 39:210-23.

8. **Robbins RC**, Balaban RS, Swain JA: Cerebroplegia protects the brain during two hours of circulatory arrest. Oral presentation, Surgical Forum, October 18, 1989; Surgical Forum 1988; 40:266-67.

9. **Robbins RC**, Mitchell ME, Sachs DH, Clark RE: The use of an isolated perfused heart apparatus for the assessment of hyperacute rejection in xenografts. Oral presentation, The Society of University Surgeons, February 11, 1989.

10. **Robbins RC**, MacManus RP, Mitchell RS, Latter DR, Oliger GN, Miller DC: Management of intramural hematoma of the thoracic aorta. Oral presentation, American Heart Association, November 16, 1992; Circulation (Suppl) 1992; 86:I-12.

11. Sarris GE, **Robbins RC**, Miller DC, Mitchell RS, Moore KA, Stinson EB, et al.: Randomized prospective assessment of bioprosthesis durability: Hancock vs. Carpentier-Edwards valves. Oral Presentation, American Heart Association 1992; Circulation (Suppl) 1992; 86:I-496.

12. Rhine WD, Skarsgard ED, Benitz WE, Desai KH, **Robbins RC**: Repair of congenital diaphragmathernia and aortic coarctation on ECMO. Oral presentation, Children's National Medical Center, ECMO Symposium, 1995.

13. Girgis RE, Valentine VG, **Robbins RC**, Reitz BA, Theodore J: The utility of annual surveillance bronchoscopy in heart-lung transplant recipients. Oral presentation, American Society of Transplant Physicians, 1995.

14. **Robbins RC**, Valentine VG, Berry GJ, Patel HR, Miller J, Reitz BA, Theodore J: The value of surveillance transbronchial lung biopsy as a predictor of heart rejection in heart lung transplant recipients. Poster presentation, American Society of Transplant Physicians, 1995.

15. **Robbins RC**, Smith JA, Ribakove GH, Fowler MB, Miller J, Stinson EB, Oyer PE, Shumway NE, Reitz BA: Low systemic vascular resistance syndrome following cardiac transplantation. Poster presentation, American Society of Transplant Physicians, 1995.

16. **Robbins RC**, Reichenspurner H, Berry GJ, Bernstein D, Reitz BA: Death from early acute rejection following OKT3 induction in pediatric cardiac transplantation. Poster presentation, American Society of Transplant Physicians, 1995.

17. Baxter LM, **Robbins RC**, Reitz BA, Van Meurs KP: Extracorporeal membrane oxygenation in pediatric heart transplantation. Oral presentation, American Pediatric Society, 1995.

18. Girgis RE, Valentine V, **Robbins RC**, Reitz BA, Theodore J: Risk factors for obliterative bronchiolitis in lung transplant recipients. Poster presentation, American Society of Transplant Physicians, 1995.

19. **Robbins RC**, Stinson EB: Long-term Results of Left Ventricular Myotomy and Myectomy for Obstructive Hypertrophic Cardiomyopathy. Oral presentation, Western Thoracic Surgical Society Annual Meeting, June 24, 1995.

20. Berry G, Valentine VG, **Robbins RC**, Theodore J: Neutrophilic sequestration as a manifestation of ischemic reperfusion injury in lung transplant recipients. Oral presentation, The International Society of Heart and Lung Transplantation, 1995; J Heart Lung Transp 1995;14(1,part2):S44.

21. Chin C, Miller J, **Robbins RC**, Reitz BA, Bernstein D: The use of adult donors adversely affects survival in pediatric heart transplantation. Oral presentation, The International Society of Heart and Lung Transplantation, 1995; J Heart Lung Transp 1995;14(1,part2):S48.

22. Conte JV, **Robbins RC**, Valentine VG, Theodore J, Shumway NE, Starnes VA, Reitz BA: Intermediate term results of pediatric heart-lung transplantation. Oral presentation, The International Society of Heart and Lung Transplantation, 1995; J. Heart Lung Transp 1995;14(1,part2):S53.

23. Valentine VG, **Robbins RC**, Berry G, Patel HR, Reitz BA, Theodore J: Actuarial survival of heart-lung and bilateral sequential lung transplant recipients with obliterative bronchiolitis. Oral presentation, The International Society of Heart and Lung Transplantation, 1995.J Heart Lung Transp 1995;14(1,part2):S66.

24. Soghikian MV, Valentine VG, Berry G, Patel HR, **Robbins RC**, Theodore J. The impact of ganciclovir prophylaxis on heart-lung and lung allograft recipients. Oral Presentation, The International Society of Heart and Lung Transplantation, 1996; J Heart Lung Transp 1995;14(1,part2):S67.

25. Yuh D, Morris R, Hoyt G, Gutierrez J, Reitz BA, **Robbins RC**: Leflunomide effectively prolongs lung allo- and xenograft survival. Oral Presentation, The International Society of Heart and Lung Transplantation, 1995; J Heart Lung Transp 1995;14(1,part2):S73.

26. Conte JV, **Robbins RC**, Wong EW, Theodore J, Shumway NE, Starnes VA, Reitz BA: The effect of previous thoracic surgery on heart-lung transplantation. Poster

Presentation, The International Society of Heart and Lung Transplantation, 1995; J Heart Lung Transp 1995;14(1,part2):S95.

27. Yuh DD, Gandy KL, Gutierrez J, **Robbins RC**: Preservation of placental function after cardiopulmonary bypass in fetal sheep using extracorporeal oxygenation. Oral Presentation, American College of Surgeons, 1995; Surgical Forum 1995;46:301-304.

28. Yuh DD, Clayberger C, Gandy KL, Hoyt G, **Robbins RC**: Tolerance to cardiac allografts induced *in utero* with lymphoid cells from fetal liver. Oral Presentation, American Heart Assocation, 1995; Circulation 1995;92(8, Suppl 1):I-246.

29. Reichenspurner H, Girgis RE, **Robbins RC**, Conte J, Berry GJ, Theodore J, Reitz BA: Obliterative bronchiolitis (OB) after heart-lung (HLTx) and lung transplantation (LTx)- a 14-year experience in 167 patients. Oral Presentation, American Heart Association, 1995; Circulation 1995;92(8,Suppl 1):I-124.

30. Reichenspurner H, Gamberg P, Yun K, Girgis R, Hunt S, Valantine H, Oyer PE, **Robbins RC**, Stinson EB, Reitz BA: Aerosolized amphotericin B prophylaxis significantly reduces the number of fungal infections after heart-, lung-, and heart-lung transplantation. Oral Presentation, The International Society of Heart and Lung Transplantation, 1996; J Heart Lung Transplant 1996;15(1,part 2):S56.

31. Girgis RE, Tu I, Berry GJ, Reichenspurner H, Valentine VG, Conte JV, Ting A, Johnstone I, Miller J, **Robbins RC**, Reitz BA, Theodore J. Risk factors for the development of obliterative bronchiolitis after lung transplantation. Oral Presentation, The International Society of Heart and Lung Transplantation, 1996; J Heart Lung Transp 1996;15(1,part 2):S65.

32. Yuh DD, Gandy KL, Hoyt G, Reitz BA, **Robbins RC**: A rodent model of *in utero* chimeric tolerance induction. The International Society of Heart and Lung Transplantation, 1996; J Heart Lung Transplant 1996;15(1,part 2):S76.

33. Valentine VG, Leung AN, Fisher K, Berry GJ, **Robbins RC**, Theodore J: Expiratory computed tomography for detecting obliterative bronchiolitis following lung transplantation. Poster Presentation, The International Society of Heart and Lung Transplantation, 1996; J Heart Lung Transplant 1996;15(1,part 2):S91.

34. Reichenspurner H, **Robbins RC**, Miller J, Girgis RE, Yun K, Berry GJ, Theodore J, Reitz BA: RATG-induction therapy significantly reduces incidence of acute pulmonary rejection compared to OKT3 treatment. Oral Presentation, The

International Society of Heart and Lung Transplantation, 1996; J Heart Lung Transplant 1996;15(1,part 2):S103.

35. Poston RS, Ing D, Hoyt G, Pollard J, **Robbins RC**: Upregulation of ICAM-1 leads to increased reperfusion injury after global cardiac ischemia. Oral Presentation, American College of Surgeons, 1996; Surgical Forum, XLVII, 233-236, 1996.

36. Yuh DD, Reitz BA, Gandy KL, Hoyt G,, **Robbins RC**: In utero tolerance induction to heart, lung and skin allografts. Oral Presentation, American Heart Association, 1996; Circulation 1996;94(8,Suppl 1):I-53.

37. Yun KL, Fann JI, Miller DC, Mitchell RS, **Robbins RC**, Oyer PE, Stinson EB, Reitz BA, Shumway NE: Composite versus separate aortic valve and ascending aortic replacement-30 year experience. Oral Presentation, American Heart Association, 1996; Circulation 1996;94(8,Suppl 1):I-175.

38. Shirai LK, Rosenthal DN, Reitz BA, **Robbins RC**, Dubin AM: Arrhythmias in mid-term followup after the extracardiac Fontan. Oral Presentation, American Heart Association, 1996; Circulation 1996;94(8,Suppl 1):I-176.

39. Sundt TM, Carbone KA, Oesterle SN, **Robbins RC**, Smith CR, Burkhoff D, Gropler RJ, Rogers JG: The Holmium: YAG laser for transmyocardial laser revascularization. Oral Presentation, American Heart Association, 1996; Circulation 1996;94(8,Suppl 1):I-295.

40. Poston RS, Ing D, Hoyt G, Pollard J, **Robbins RC**: Upregulation of ICAM-1 leads to increased reperfusion injury after global cardiac ischemia. Oral Presentation, American Heart Association, 1996; Circulation 1996;94(8,Suppl 1):I-343.

41. **Robbins RC**, Valentine VG, Theodore J, Reitz BA: Improved survival with RATG versus OKT3 induction therapy following heart-lung and lung transplantation. Poster Presentation, American Heart Association, 1996; Circulation 1996;94(8,Suppl 1):I-479.

42. Poston RS, Billingham ME, Hoyt G, Pollard J, Morris RE, **Robbins RC**: Rapamycin reverses chronic graft vascular disease in a novel allograft model. Oral Presentation, American Heart Association, 1996; Circulation 1996;94(8,Suppl 1):I-648.

43. Fann JI, Miller DC, Moore KA, Mitchell RS, Oyer PE, Stinson EB, **Robbins RC**, Reitz BA, Shumway NE: Twenty-year experience with porcine bioprosthetic heart valves. Oral presentation, The Society of Thoracic Surgeons, 1996.

44. Reichenspurner H, Girgis RE, **Robbins RC**, Yun K, Berry GJ, Theodore J, Reitz BA: Analysis of risk factors in obliterative bronchiolitis after pulmonary transplantation: Diagnosis and management in 184 patients over 14 years. Oral presentation, The Society of Thoracic Surgeons, 1996.

45. Beck CE, Barts SC, Lin A, **Robbins RC**, Dosanih A: Nutritional profiles of cystic fibrosis candidates for lung transplantation. Oral Presentation, The American Thoracic Society International Conference, 1997.

46. Poston RS, Mann M, Rode S, Dzau VJ, **Robbins RC**: *Ex vivo* gene therapy and mAb-LFA-1 combine to yield tolerance to cardiac allografts. Oral Presentation of a Featured Abstract, The International Society of Heart and Lung Transplantation, 1997; J Heart Lung Transplant 1997;16:41.

47. Robinson TE, Berry GJ, **Robbins RC**, Strauss J, Dosanjh AK: Tissue eosinophilic infiltration and eosinophilic activation in moderate to severe cardiac and lung transplant rejection. Oral Presentation, The International Society of Heart and Lung Transplantation, 1997; J Heart Lung Transplant 1997;16:46.

48. Tran KB, Poston RS, Mann M, Dzau VJ, **Robbins RC**: Prevention of ischemically induced neointimal hyperplasia using *ex vivo* antisense ODN. Oral Presentation, The International Society of Heart and Lung Transplantation, 1997; J Heart Lung Transplant 1997;16:50.

49. Teranishi K, Poston RS, Reitz BA, **Robbins RC**: Effect of low molecular weight heparin on suppression of acute and chronic rejection in rat cardiac allograft model. Oral Presentation, The International Society of Heart and Lung Transplantation, 1997; J Heart Lung Transplant 1997;16:62.

50. Valantine HA, Hoang K, Dai X, Hoyt G, Reaven G, Billingham ME, **Robbins RC**: Insulin resistance is a critical determinant of TXCAD: evidence from an isograft model of heart transplantation. Oral Presentation, The International Society of Heart and Lung Transplantation, 1997; J Heart Lung Transplant 1997;16:64.

51. Poston RS, **Robbins RC**, Chan B, Jardieu P, Morris RE:. Prolongation of cardiac allograft survival in the nonhuman primate using LFA-1 (cd11a) mAb. Oral

Presentation, The International Society of Heart and Lung Transplantation, 1997;J Heart Lung Transplant 1997;16:96.

52. Poston RS, Mann M, Hoyt G, Dzau VJ, **Robbins RC**: Specific nature of *ex vivo* antisense ICAM-1 ODN and early LFA-1 mAb in promoting long term graft tolerance. Oral Presentation, The International Society of Heart and Lung Transplantation, 1997;J Heart Lung Transplant 1997;16:105.

53. Gandy KL, Yuh DD, Hoyt G, **Robbins RC**: Donor-derived hematopoietic reconstitution assures in utero tolerance induction. Oral Presentation, American Heart Association, 1997; Circulation 1997;96(8,Suppl 1):I-64.

54. Valantine-von Kaeppler HA, Hoang K, Dai X, Poston RS, Hoyt G, Reaven G, Billingham M, **Robbins RC**: Insulin Resistance accelerates transplant atherosclerosis in the Zucker fat rat. Oral Presentation, American Heart Association, 1997; Circulation 1997;96(8,Suppl 1):I-174.

55. Ennen MP, Poston RS, Hoyt EG, **Robbins RC**: *Ex vivo* gene therapy reduces reperfusion injury in unilateral lung transplant using a rat model. Oral Presentation, American Heart Association, 1997; Circulation 1997;96(8,Suppl 1):I-371.

56. Moon MR, Miller DC, Stinson EB, Mitchell RS, Oyer PE, **Robbins RC**, Shumway NE, Reitz BA: Surgical treatment of endocarditis: is there a role for mechanical prostheses? Oral Presentation, American Heart Association, 1997; Circulation 1997;96(8,Suppl 1):I-431.

57. Sundt III TM, Mohr FW, Seitelberger R, Smith CR, **Robbins RC**, Kvernebo K, Burkhoff D. Transmyocardial revascularization with a Ho: YAG laser: Results of 3- and 6- month follow-up. Oral Presentation, American Heart Association, 1997; Circulation 1997;96(8,Suppl 1):I-564.

58. **Robbins RC**, Oyer PE: Bridge-to-Transplant with the Novacor LVAS. Oral presentation, The Fourth International Conference on Circulatory Support Devices for Severe Cardiac Failure. October 4, 1997.

59. Poston RS, Ing DJ, Pollard J, Hoyt EG, **Robbins RC**: Upregulation of ICAM-1 leads to increased reperfusion injury after global cardiac ischemia and subsequent increased graft vascular disease. Poster presentation, The Society of Thoracic Surgeons Scientific Program, 1997.

60. Krieger NR, Yuh D, **Robbins RC**, Fathman CG: Prolongation of cardiac graft survival with humanized anti-CD4IG plus nCTLA4IG in primates. Oral presentation, the Association of Academic Surgery, 1997.

61. Hunt SA, **Robbins RC**, Stinson EB, Oyer PE, Shumway NE, Reitz BA: Heart retransplantation: the 29 year experience at a single institution. Oral presentation, the 29th International Conference on Transplantation and Clinical Immunology, Lyon, France, June 9, 1997.

62. Peterson KL, **Robbins RC**, Reitz BA, DeCampli WM: Regional anesthesia and immediate extubation- Safety and efficacy in patients undergoing bi-directional Glenn or Fontan operations. Oral presentation, 3rd World Congress of Congenital Heart Disease, Honolulu, HI, May, 1997.

63. Poston R, Mann M, Hoyt EG, Dzau VJ, **Robbins RC**: *Ex Vivo* gene therapy prevents chronic graft vascular disease in cardiac allografts. Oral presentation, the American Society of Transplant Physicians Scientific Sessions, 1997.

64. Poston RS, **Robbins RC**, Chan B, Simms P, Jardieu P, Morris RE: *In vivo* effects of humanized anti-rhesus LFA-monoclonal antibody in nonhuman primates. Oral presentation, American Society of Transplant Physicians Scientific Sessions, 1997.

65. Poston RS, Billingham M, Hoyt EG, **Robbins RC**: Blockade of CD11a ameliorates severe reperfusion injury but not chronic graft vascular disease. Oral presentation, the American Society of Transplant Physicians Scientific Sessions, 1997.

66. Dosanjh A, Teachmacher L, Yuh D, **Robbins RC**: Pleural disease among cystic fibrosis patients undergoing lung transplantation. Oral presentation, the American Thoracic Society International Conference, 1997.

67. Hausen B, Christians U, Ikonen TS, Berry GJ, **Robbins RC**, Schuler W, Morris RE: Concurrent Drug Through Level Monitoring Improves Design and Outcome of Primate Lung Transplant Study Using The Novel Rapamycin Derivative SDZ RAD and Microemulsion Cyclosporine. Oral Presentation, 3rd International Conference on New Trends and Experimental Immunosuppression, 1998.

68. Blankenberg FG, Vriens P, **Robbins RC**, Ohtusuki K, Tait JF, Strauss HW: Imaging acute heart and lung transplant rejection in rats using technetium 99m radiolabeled annexin V. Oral Presentation, Society of Pediatric Radiology, 1998

69. Hintz SR, Benaron DA, Duckworth JL, Rhine WD, Cheong WF, **Robbins RC**, Stevenson DK: Non-invasive optical monitoring of cerebral oxygenation. Oral Presentation, Western Society for Pediatric Research, 1998.

70. Ohtsuki K, Blankenberg FG, Tait JF, Berry GJ, Davis RE, Vriens PW, Stoot JH, **Robbins RC**, Kopiwada S, Strauss HW: Detection and quantitation of experimental heterotopic heart transplant rejection with Tc-99m annexin V lipocortin. Oral presentation, 45th Annual meeting of the Society of Nuclear Medicine, 1998

71. Blankenberg FG, Ohtsuki K, Tait JF, Berry GJ, Davis RE, Vriens PW, Stoot JH, Hoyt G, **Robbins RC**, Kopiwada S, Strauss HW: Effect of cyclosporine A on the intensity of apoptosis in a model of heterotopic heart transplantation: evaluation with Tc-99m annexin V lipocortin. Oral presentation, 45th Annual meeting of the Society of Nuclear Medicine, 1998.

72. Feeley BT, Vriens PW, Hoyt G, Ennen M, **Robbins RC**: Increased pressure for *ex vivo* transfection of anti-sense oligodeoxynucleotides in cardiac allografts improves transfection efficiency. Oral presentation, XVII World Congress of the Transplantation Society, 1998.

73. Hausen B, Ikonen T, Berry GJ, Christians U, **Robbins RC,** Hook L, Schuler W, and Morris RE: Coadministered Neoral and the New Rapamycin Derivative, SDZ RAD, PQR Nonhuman Primate Lung Transplantation: Systematic Pharmcokinetic-Based Trials to Maximize Efficacy and Tolerability. Oral Presentation, XVII World Congress of the Transplantation Society, 1998.

74. Vriens PW, Stoot JH, Blankenberg FG, Davis RE, Gerry GJ, Strauss HW, and **Robbins RC**: In Vivo Imaging of Apoptosis During Cardiac Allograft Rejection using Radio labeled Annexin V: Oral Presentation, XVII World Congress of the Transplantation Society, 1998.

75. Feeley BT, Vriens PW, Park A, Hoyt GE, and **Robbins RC**: Pressure Mediated Ex Vivo Antisense ODN Therapy With AS-ODN ICAM-1 and Anti-FLA-1MAb Reduces Reperfusion Injury in cardiac allografts. Oral Presentation, XVII World Congress of the Transplantation Society, 1998.

76. Krieger NR, Yuh D, **Robbins RC**, and Fathman GC: Humanized Anti-CD4IG Plus HCTLA4IG Prolongs Cardiac Allografts Survival in Rhesus Monkeys. Oral Presentation, XVII World Congress of the Transplantation Society, 1998.

77. Teranishi K, Reitz BA, and **Robbins RC**: Effect of low Molecular Weight Heparin on Graft Vascular Disease in Rat Cardiac Allograft Model. Poster Presentation, XVII World Congress of the Transplantation Society, 1998; Transplantation, 1999 Proceedings;31:103-05.

78. Dai X, Hoang K, Lam CW, HoytGE, Poston R, Billingham M, **Robbins RC**, and Valentine-von Kaeppler: Effect of Antioxidant Vitamins on Transplant Atherosclerosis: Evidence for Oxidative Stress? Oral Presentation, XVII World Congress of the Transplantation Society, 1998.

79. Feeley BT, Vriens PW, Park A, Hoyt G, **Robbins RC**: Combined pressure mediated *ex vivo* anti-sense ODN therapy vs. ICAM-1 and anti-LFA-1 Mab reduces reperfusion injury in cardiac allografts. Oral presentation, American Society of Transplant Physicians, 1998.

80. Hausen B, Ikonen T, Berry GJ, Christians U, **Robbins RC,** Hook L, Schuler W, and Morris RE: Coadministered Neoral and the New Rapamycin Derivative, SDZ RAD, PQR Nonhuman Primate Lung Transplantation: Systematic Pharmcokinetic-Based Trials to Maximize Efficacy and Tolerability, American Society of Transplant Physicians; Transplantation, 1998;65(Suppl):248.

81. Feeley BT, Vriens PW., Hoyt G, Ennen M, and **Robbins RC**: Increased Pressure for ex vivo transfection of antisense oligodeoxynucleotides in cardiac allografts improves trasnfectiosn efficiency. Oral Presentation, American Society of Transplant Physicians, 1998.

82. **Robbins RC**, Barlow CW, Oyer PE, Hunt SA, Reitz BA, Stinson EB, Shumway NE: Thirty years of cardiac transplantation at one institution. Oral presentation, 78th Annual Meeting of the American Association of Thoracic Surgery, 1998.

83. Barlow CW, **Robbins RC**, Moon MR, Theodore J, Reitz BA: Heart-Lung versus double-lung transplantation for suppurative lung disease. Oral presentation, 78th Annual Meeting of the American Association of Thoracic Surgery, 1998.

84. Blankenberg FG, Davis RE, Berry GJ, Reitz BA, Strauss HW, **Robbins RC**: In vivo imaging of apoptosis during cardiac allograft rejection using radiolabeled Annexin V. Oral presentation, 78th Annual Meeting of the American Association of Thoracic Surgery, 1998.

85. Whyte RI, **Robbins RC**, Altinger J, Barlow C, Doyle R, Theodore J, Reitz BA: Heart-lung transplantation for primary pulmonary hypertension. Oral presentation, 34th Annual Meeting of The Society of Thoracic Surgeons, 1998.

86. Hausen B, Ikonen T, Briffa N, Berry GJ, Christians U, **Robbins RC**, Sherwood S, Schuler W, Morris RE: Successful suppression of lung allograft rejection in non-human primates by combined treatment using the new rapamycin derivative, sdz rad, plus microemulsion cyclosporine. Oral Presentation, The International Society of Heart and Lung Transplantation, 1998; J Heart Lung Transplant 1998;17:43.

87. Hausen B, Berry GJ, Dagum P, Ikonen T, Briffa N, **Robbins RC**, Morris RE: The histology of subcutaneously implanted donor bronchial rings correlates with rejection scores of lung allografts in a primate lung transplant model. Oral Presentation, The International Society of Heart and Lung Transplantation, 1998; J Heart Lung Transplant 1998;17:67.

88. Vriens PW, Blankenberg FG, Tait JF, Ohtsuki K, Kopiwada S, Hoyt G, Davis RE, Berry GJ, Reitz BA, Strauss HW, **Robbins RC**. In vivo imaging of apoptosis during cardiac allograft rejection using radiolabeled Annexin V. Poster Presentation, The International Society of Heart and Lung Transplantation, 1998; J Heart Lung Transplant 1998;17:67.

89. Poirier CD, Valentine VG, Barlow CW, **Robbins RC**, Reitz BA, Doyle RL, Theodore J. Long-term outcomes following heart-lung and lung transplantation for cystic fibrosis recipient. Oral Presentation, The International Society of Heart and Lung Transplantation, 1998; J Heart Lung Transplant 1998;17:69.

90. Vriens PW, Pollard JD, Hoyt G, Scheringa M, Bouwman E, Morris RE, **Robbins RC**. Presence of antibodies is required for the induction of accommodation in xenotransplantation. Oral Presentation, The International Society of Heart and Lung Transplantation, 1998; J Heart Lung Transplant 1998;17:88.

91. Vriens PW, Pollard JD, Hoyt G, **Robbins RC**. Hamster blood transfusion induces tolerance to cardiac xenografts in nude rats. Oral Presentation, The International Society of Heart and Lung Transplantation, 1998: J Heart Lung Transplant 1998;17:88.

92. Poirier CD, Doyle RL, Theodore J, **Robbins RC**, Reitz BA, Valantine HA. Comparison between CMV hyperimmune globulin and ganciclovir for CMV prophylaxis in heart-lung and lung transplant recipient. Oral Presentation, The

International Society of Heart and Lung Transplantation, 1998; J Heart Lung Transplant 1998;17:96.

93. Ikonen T, Briffa N, Gummert JF, Honda Y, Perlroth J, Hayase M, **Robbins RC**, Barlow C, Billingham ME, Hausen B, Yock PG, Morris RE: Progressive graft vascular disease (GVD) by serial intravascular ultrasound (IVUS) in a novel model of combined aortic auto- and allograft transplantation in nonhuman primates. Poster Presentation, The International Society of Heart and Lung Transplantation, 1998; J Heart Lung Transplant 1998;17:100.

94. Hausen B, Ikonen T, Berry GJ, Christians U, **Robbins RC**, Hook L, Benet LZ, Schuler W, Morris RE: Coadministered Neoral and the new rapamycin derivative, SDZ RAD, for nonhuman primate lung transplantation: Systematic pharmacokinetic-based trials to maximize efficacy and tolerability. Oral Presentation, American Society of Transplant Physicians, 1998; Transplantation 1998;65(Suppl):248.

95. Gummert JF, Ikonen T, Briffa N, Honda Y, Perlroth J, Hayase M, Hausen B, Billingham ME, Barlow C, **Robbins RC**, Yock PG, Morris RE: Graft vascular disease (GVD) in nonhuman primates: quantitation of changes in arterial auto- and allografts by intravascular ultrasound. Oral Presentation, American Society of Transplant Physicians, 1998; Transplantation 1998;65(Suppl):259.

96. Vriens PW, Stoot JH, Blankenberg FG, Davis RE, Berry GJ, Strauss HW, **Robbins RC**. In vivo imaging of apoptosis during cardiac allograft rejection using radiolabeled Annexin V. Oral Presentation, American Society of Transplant Physicians, 1998; Transplantation 1998;65:154.

97. Vriens PW, Pollard JD, Hoyt G, **Robbins RC**. Hamster blood transfusion can induce tolerance to cardiac xenografts in absence of T-cells. Oral Presentation, American Society of Transplant Physicians, 1998; Transplantation 1998;65:195.

98. Feeley BT, Vriens PW, Hoyt G, Ennen M, **Robbins RC**. Increased pressure for *ex vivo* transfection of anti-sense oligodeoxynucleotides in cardiac allografts improves transfection efficiency. Oral Presentation, American Society of Transplant Physicians, 1998; Transplantation 1998;65:258.

99. Valantine-von Kaeppler H, Dai X, Hoang K, Lam CW, Hoyt G, Poston R, Billingham M, **Robbins RC**. Effect of antioxidant vitamins on transplant atherosclerosis in the Zucker rat model: evidence for oxidative stress in the pathophysiology? Oral

Presentation, American Society of Transplant Physicians, 1998; Transplantation 1998;65:116.

100. Gummert J, Ikonen T, Briffa N, Honda Y, Perlroth J, Hayase M, Hausen B, Billingham ME, Barlow C, Yock PG, **Robbins RC**, Morris RE. A New Large-Animal Model for Research Graft Vascular Disease (CVD). Oral Presentation, 3rd International Conference on New Trends and Experimental Immunosuppression, 1998; Transplant Proceedings 1998;30:4023.

101. Oesterle SN, Yeung AC, Hayase M, **Robbins RC**, Fitzgerald P, Yock P, Kernoff R, Tumas M, Virmani R, Makower J. Percutaneous In-Situ Coronary Artery Bypass (PICAB): A Novel Myocardial Revascularization. Oral Presentation, American College of Cardiology 47th Annual Meeting, 1998; J. American College of Cardiology 1998;31:223A.

102. Honda Y, Perlroth JD, Hayase M, Briffa NP, Ikonen TS, Gummert JP, Kobayashi Y, Barlow C, Hausen B, Fitzgerald PJ, **Robbins RC**, Yock PG, Morris RE: Impaired vascular distensibility prior to intimal proliferation in transplant vasculopathy. Oral Presentation, The American College of Cardiology 47th Annual Meeting, 1998; J. American College of Cardiology 1998;31:223A.

103. Valantine HA, Luikart H, Doyle RL, Theodore J, Hunt SA, **Robbins RC**, Reitz BA. CMVIG favorably affects long-term outcome after heart, heart-lung and lung transplantation. Oral Presentation, 19th Annual Meeting, The International Society of Heart and Lung Transplantation, 1999; J Heart Lung Transplant 1999;18:81.

104. Ennen MP, Poston RS, Feeley BT, Hoyt G, **Robbins RC**. Use of Sequence Specific Oligodeoxynucleotides to Inhibit Myointimal Proliferation Associated with Graft Coronary Artery Disease. Oral Presentation, 19th Annual Meeting, The International Society of Heart and Lung Transplantation, 1999; J Heart Lung Transplant 1999;18:49.

105. Feeley BT, Park A, Hoyt G, **Robbins RC**: Pressure mediated delivery of decoy NF-kB binding oligodeoxynucleotides decreases reperfusion injury in rodent cardiac allografts. Oral Presentation, Annual Meeting, The International Society of Heart and Lung Transplantation, 1998; J Heart Lung Transplant 1999;18:48.

106. Miniati, D, Hoyt G, Feeley B, **Robbins RC**: Ex vivo antisense oligonucleotides to PCNA and CDC2K inhibit graft coronary artery disease. Oral Presentation, American Heart Association 72nd Scientific Sessions, 1999; Circulation 1999, 100(S);18:1-93

107. Kown MH, VanderSteenhoven TJ, Blankenberg FG, Hoyt GE, Strauss W, and **Robbins RC**: Zn Block Cardiac Allograft Apoptosis as Measured by Annexin V Imaging. Oral Presentation, American Heart Association 72nd Scientific Sessions, 1999; Circulation 1999, 100(S);18:1-93.

108. Chan MCY, Gianetti N, Kato T, Li Q, Kornbluth M, Oyer P, Valantine HA, **Robbins RC**, Hunt SA: Severe Tricuspid Regurgitation After Heart Transplant. Poster Presentation, American Heart Association 72nd Scientific Sessions, 1999; Circulation 1999, 100(S);18:1-163.

109. Yamaguchi A, Woodburn KW, Hayase M, Hoyt GE, and **Robbins RC**: Reduction of Vein Graft Disease Using Photodynamic Therapy with Lutetium Texaphyrin in a Rodent Isograft Model. Oral Presentation, American Heart Association 72nd Scientific Sessions, 1999; Circulation 1999, 100(S);18:1-665.

110. Giannetti N, AliMollah A, Kato T, Chan M, Cerere R, Hent S, Valantine H, and **Robbins RC**: Improvement in Right Heart Failure After Tricuspid Valve Replacement in Cardiac Transplant Patients. Oral Presentation, 18th Annual Meeting of the American Society of Transplantation. Transplantation 1999, 67(7)S:106.

111. Feeley BT, Park AK, Miniati DN, Hoyt GE, and **Robbins RC**: Ex vivo Pressure mediated Delivery of NF-kB Transcription Factors Decoys Inhibits Myointimal Proliferation Associated with Graft coronary Artery Disease in Cardiac Allografts. Oral Presentation, 18th Annual Meeting, American Society of Transplantation 1999; Transplantation 1999, 67(7)S:106.

112. Reichenspurner H, Navia J, Berry GJ, **Robbins RC**, Gold JP: Emboli management in cardiac surgery: results in 58 patients. Oral presentation 79th Annual Meeting of the American Association of Thoracic Surgery, 1999.

113. Reichenspurner H, Navia JA, **Robbins RC**, Gold JP, Barbut, D: Capture of Particulate Emboli During Cardiac Surgery; A New Cannulation and Filter Device. Oral Presentation, 72st Annual American Heart Association Meeting, 1999.

114. Vriens P, Stoot JH, **Robbins RC**, and Bouwan E: Blood Transfusion Effect On Xenograft Survival In Athymic Nude Rats Is Mediated by Humoral Factors. Oral Presentation, 5th Congress of the International Xenotransplantation Association, 1999.

115. Miniati DN, Hoyt GE, Penta K, Kuo MD, Dake MD, Quertermous T, **Robbins RC**: Adenovrial ENOS+SOD Increases Nitric Oxide Production and Reduces Cardiac Allograft Reperfusion Injury. Oral Presentation, International Society of Heart and Lung Transplant, 2000; J Heart Lung Transplant 2000;19:45.

116. Reinhartz O, Keith FM, El-Banayosy A, McBride LR, **Robbins RC**, Copeland JG, and Farrar DJ: Multicenter Experience With The Thoratec Ventricular Assist Device (VAD) in Children and Adolescents. Oral Presentation, International Society of Heart and Lung Transplantation, 2000; J Heart Lung Transplant 2000;19:64.

117. Bernstein D, Chin C, Miller J, Gamberg P, **Robbins RC**, and Reitz BA: Effect of Diltiazem on Graft Coronary Artery Disease (CAD) in Pediatric Heart Transplant (Htx) Recipients. Oral Presentation, International Society of Heart and Lung Transplant 2000; J. Heart Lung Transplant 2000:19:71.

118. Kown ML, Yamaguchi A, Jahncke CL, Miniati D, Rothbard JB, and Robbins, RC: Arginine Polymers Inhibit Vein Graft Atherosclerosis. Western Thoracic Surgical Association, 2000; Awarded Sampson Prize, 2000.

119. Hausen B, Gruenenfelder J, Yencho SA, Morris RE, Green BA, Berry GJ, Molho C, Vargas J, Sheehan D, and **Robbins RC**: Rapid Deployment of a Vein to Aorta Anastomosis with a Novel Integrated and Automated Anastomosis system: Preclinical Results from an Aorto-Coronary Bypass Study in Sheep. Oral Presentation, American Heart Association 2000; Circulation 2000, 102(S);18:11-766.

120. Grunenfelder J, Miniati DN, Murata S, Falk V, Hoyt GE, Kown M, Koransky ML and **Robbins RC**: Upregulation of BCL-2 Through Caspase-3 Inhibition Ameliorates Ischemia/Reperfusion Injury in Rat Cardiac Allografts. Oral Presesntation, American Heart Association 2000; Circulation 2000,102(S);18:11-764.

121. Miniati DN, Koransky ML, Kown M, Park AK, Kuo MD, Waugh JM, Woo SLC, Dake MD, and **Robbins RC**: Guided Remodeling Using Local Overexpression of Tissue Plasminogen Activator Prevents Neointima Formation in Arterialized Vein Grafts. Oral Presentation, American Heart Association, 2000; Circulation 2000, 102(S);18:11-146.

122. Feeley BT, Miniati DN, Hoyt G, **Robbins RC:** Sulfasalazine Inhibits Reperfusion Injury and Prolongs Allografts Survival In Cardiac Transplantation. Oral Presentation American Society of Transplant Surgeons 2000; Transplantation, 2000. 69 (8):S169.

123. Yamaguchi A, Miniati DN, Hoyt G, **Robbins RC**: Ex vivo blockade of endothelin-1 inhibits graft coronary artery disease in a rodent cardiac allograft model. Oral Presentation American Society of Transplant Surgeons 2000; Transplantation 2000. 69(8):S300.

124. Kown MH, vander Steenhoven T, Jahncke CH, Koyt EG, Rothbard JB, **Robbins RC**: Arginine Polymers Inhibit Graft Coronary Artery Disease Following Cardiac Transplantation. Oral Presentation, American Society of Transplantation 2000; Transplantation 2000;69(8):S300.

125. Soccal PM, Miniati DN, Gasche Y, Hoyt GE, Theodore J, Doyle RL, and **Robbins RC:** Metrix Metalloproteinase Inhibition Decreases Ischemia-Reperfusion Injury after Lung Transplantation. Oral Presentation, American Society of Transplantation 2000; Transplantation 2000; 69(8):S304.

126. Koransky ML, Ip TK, Wu S, Cao Y, Berry GJ, Contag C, Blau H, **Robbins RC**: In vivo monitoring of myoblast transplantation into rat myocardium. Oral Presentation, International Society of Heart and Lung Transplantation, 2001; Journal of Heart and Lung Transplantation, 2001,20(2):188-89.

127. Pelletier MP, Coady M, Macha M, Oyer PE, **Robbins RC**: Coronary atherosclerosis in cardiac transplant patients treated with total lymphoid irradiation. Oral Presentation, International Society of Heart and Lung Transplantation, 2001; Journal of Heart and Lung Transplantation, 2001,20(2):152.

128. Grunenfelder J, Miniati DN, Murata S, Kown MH, Falk V, Hoyt EG, Koransky ML, **Robbins RC**: Upregulation of bcl-2 via hyperbaric pressure transfection of TGF-B1 ameliorates ischemia/reperfusion injury in rat cardiac allografts. Oral Presentation, International Society of Heart and Lung Transplant, 2001; Journal of Heart and Lung Transplantation, 2001,20(2):154.

129. Miniati DN, Grunenfelder J, Hoyt EG, Murata S, Kown MH, Koransky ML, **Robbins RC**: Oxidative stress of cardiac transplantation is associated with decreased bcl-2 expression and increased NFkB activity. Oral Presentation, International Socieyt of Heart and Lung Transplantation, 2001; Journal of Heart and Lung Transplantation, 2001,20(2):158-9.

130. Kown MH, Blankenberg FG, Strauss HW, Hoyt EG, **Robbins RC**: TC99m MCP-1 imaging of chronic rejection in rat cardiac allografts. Oral Presentation, International

Society of Heart and Lung Transplantation, 2001; Journal of Heart and Lung Transplantation, 2001, 20(2):186.

131. Egan TM, Bennett LE, Garrity ER, Grover FL, Ring WS, **Robbins RC**, Trulock E, Wood DE: Predictors of death on the UNOS lung transplant waiting list: results of a multivariate analysis. Oral Presentation, International Society of Heart and Lung Transplantation 2001; Journal of Heart and Lung Transplantation, 2001, 20(2):242.

132. Murata S, Miniati DN, Kown MH, Koransky ML, **Robbins RC**: Elevated cyclic AMP ameliorates ischemia-reperfusion injury in rat cardiac allografts: a novel application of water soluble forskolin derivative. Oral Presentation, Transplant 2001; American Journal of Transplantation, 2001, 1(1):176.

133. Kown MH, Jahncke CL, Miniati DN, Murata S, Blankenberg FG, Strauss HW, Hoyt G, **Robbins RC**: Adenovirus mediated bcl-2 transfection inhibits apoptosis in a rat heterotopic heart transplant model. Poster Presentation, Transplant 2001; American Journal of Transplantation 1(1):443, 2001.

134. Miniati DN, Grunenfelder J, Hoyt EG, **Robbins RC**: Oxidative stress of cardiac transplantation decreases bcl-2 expression. The Society of University Surgeons, 2001.

135. Umana JP, Lai DT, Mitchell RS, Rodriguez F, Moore KA, **Robbins RC**, Oyer PE, Dake MD, Shumway NE, Reitz BA. Is medical therapy the optimal treatment strategy for acute type B dissections in the 21st century? Western Thoracic Surgical Association, 2001.

136. Lai DT, **Robbins RC**, Mitchell RS, Moore KA, Oyer PE, Shumway NE, Reitz BA: Does Hypothermic Circulatory Arrest (PHCA) Improve Survival in Patients with Acute Type A Aortic Dissection? Oral Presentation, American Heart Association 2001; Circulation 2001, 104(S);17:11-524.

137. Murata S, Miniati DN, Kown M, Koransky ML, Lijkwan M, Martens JM, **Robbins RC:** Protective Effects of a Newly Developed Superoxide Mimetic on Ischemia Reperfusion Injury in Rodent Cardiac Allografts. Oral Presentation, American Heart Association 2001; Circulation 2001, 104(S);17:11-555.

138. Kown MH, Suzuki T, Koransky ML, Penta K, Sakomoto G, Jahncke CL, Carter AJ, Quertemous T, **Robbins RC:** The Comparison of the Novel Pro-Angiogenic Development Endothelial Locus-1 with Vascular Endothelial Growth Factor in a

Porcine Model of Cardiac Ischemia. Oral Presentation, American Heart Association 2001; Circulation 2001, 104(S);17:11-712.

139. Collins KK, Thiagarajan RR, Chin C, Dugin AM, Bernstein D, **Robbins RC**, Van Hare GF, Mayer JE, Berul CI, Blume ED: Atrial Arrhythmias and Conduction Abnormalities in Pediatric Heart Transplantation. Oral Presentation, American Heart Association 2001; Circulation 2001, 104(S);17:11-745.

140. Kown MH, Strauss HW, Berry GJ, Blankenberg FG, **Robbins RC**: In vivo imaging of acute cardiac rejection in human patients using 99m Technetium labeled annexin V. The Society of University Surgeons, 2001.

141. Shiba N, Chan MC, Kwok BW, **Robbins RC**, Valantine HA, Hunt SA: Survivors More Than 10 Years After Transplantation in the Cyclosporine Era. Poster Presentation, American College of Cardiology 2002; Am. J. Cardiology 2002, 39(Suppl A);5:145A.

142. Miniati DN, Lijkwan MA, Murata S, Martens J, Coleman CT, Hoyt G, **Robbins RC**: Adenoviral Upregulation of BCL-2 Decreases Oxidative Stress and Graft Coronary Artery Disease in Rat Heart Transplants. Oral Presentation, International Society of Heart and Lung Transplant 2002; J Heart and Lung Transplant 2002, 21;1:71-72.

143. Demers P, **Robbins RC**, Doyle R, Theodore J, Reitz BA: Twenty Years of Combined Heart-Lung Transplantation at Stanford University. Oral Presentation, International Society of Heart and Lung Transplantation 2002; J Heart and Lung Transplant 2002, 21;1:77.

144. Shiba N, Chan MCY, Kwok BW, **Robbins RC**, Valantine HA, Hunt SA: Factors Associated With Long-Term Survival After Heart Transplantation in the Cyclosporine Era. Oral Presentation, International Society of Heart and Lung Transplantation 2002; J. Heart and Lung Transplant 2002, 21;1:89-90.

145. Murata S, Miniati DN Lijkwan MA, Kown MH, Koransky ML, **Robbins RC**: Upregulation of BCL-2 Ameliorates Ischemia Reperfusion Injury in Murine Cardiac Grafts. Oral Presentation, International Society of Heart and Lung Transplantation 2002; J Heart and Lung Transplant 2002, 21;1:132-33.

146. Shiba N. Chan MCY, Kwok BW, **Robbins RC**, Valantine HA, and Hunt SA: Survivors More Than 10 Years after Heart Transplantation in the Cyclosporine Era.

International Society for Heart and Lung Transplantation 2002: J Heart and Lung Transplant, 21(1):89-90.

147. Cantin B, Kwok BWK, Chan MCY, Valantine HA, **Robbins RC**, Hunt SA: Influence Of Brain Death On Survival After Heart Transplantation - Time Is Of The Essence. Oral Presentation, International Society of Heart and Lung Transplantation 2002; J. Heart and Lung Transplant 2002, 21;1:139.

148. Egan TLM, Bennett LE, Garrity ER, Grover FL, Ring S, **Robbins RC**, Trulock EP, Wood DE: Are There Predictors Of Death At The Time Of Listing For Lung Transplant. Oral Presentation, International Society of Heart and Lung Transplantation, 2002; J. Heart and Lung Transplant 2002. 21;1:154.

149. Kown MH, Lijkwan MA, Jahncke CL, Murata S, Rothbard JB, **Robbins RC**: Arginine Polymers Enhance Coronary Flow And Reduce Oxidative Stress Following Cardiac Transplantation In Rats. Oral Presentation, International Society of Heart and Lung Transplantation, 2002; J Heart and Lung Transplant 2002. 21;1:140.

150. Murata S, Lijkwan MA, Hammainen P, Coleman C, York C, Sundell SL, Morris RE, **Robbins RC**: Effect of A Novel Anti-Oxidant And Anti-Inflammatory Compound On Rodent Allograft Arteriosclerosis. J. Heart and Lung Transplant 2002, 21;1:165-66.

151. Moffatt-Bruce SD, Demers P, **Robbins RC**, Doyle R, Theodore, Reitz BA: Combined Heart-Lung Transplantation for Primary and Secondary Pulmonary Hypertension. Oral Presentation, American Heart Association 2002; Circulation 2002, 106(S);19: II-418.

152. Moffatt-Bruce SD, Demers P, Chan M, Oyer P, Reitz BA, **Robbins RC**: Bridge to Heart Transplantation: A Comparison of LVAD and Inotropic Support. Oral Presentation, American Heart Association 2002; Circulation 2002, 106(S);19: II-419.

153. Koransky M, Dusserre N, Konig G, McAllister T, **Robbins RC**, L'Heureux N: Tissue Engineered Blood Vessels Built from Risk Matched Patients Tolerate In Vivo Grafting. Oral Presentation, American Heart Association 2002; Circulation 2002, 106(S);19: II-375.

154. Fearon WF, Balsam LB, Farouque HMO, Caffarelli AD, **Robbins RC**, Fitzgerald PJ, Yock PG, and Yeung AC: A Novel Invasive Assessment of the Coronary Microcirculation. Poster Presentation, American College of Cardiology, 2003; J. Am College Cardiology; 41 (6)A;10A.

155. Fearon WF, Balsam LB, Farouque HMO, Caffarelli AD, **Robbins RC**, Fitzgerald PJ, Yock PG, and Yeung AC: Is Coronary Thermodilution as Accurate as Doppler Velocity for Measuring Coronary Flow Reserve? Poster Presentation, American College of Cardiology, 2003; J. Am College Cardiology; 41(6)A:59A.

156. Eisen HJ, Deng MC, Mehra M, Hunt S, Johnson F, **Robbins RC**, Autieri M, Itescu S, Giacomini J, Ahern D, Berry G, Marboe C, Mahmood I, Woodward R, and Wohlgemuth J: Non-invasive Molecular Screening For Acute Cardiac Rejection: A Multicenter Prospective Clinical Study. Oral Presentation, International Society of Heart and Lung Transplantation 2003; J Heart and Lung Transplant, 22(1S):S74.

157. Egan R, McCullough K, Murray S, Bustami R, Merion R, Garrity E, Grover F, Ring W, **Robbins RC,** Trulock E, Wood D, and Edwards L: Risk Factors for Death After Lung Transplant in the US. Oral Presentation, International Society of Heart and Lung Transplantation 2003; J Heart and Lung Transplant , 22(S1):S146.

158. Egan R, McCullough K, Murray S, Bastami R, Merion R, Garrity E, Grober F, Ring W, **Robbins RC,** Trulock E, Wood D, and Edwards L: Predictors of Death on the UNOS Lung Transplant Waiting List. Oral Presentation, International Society of Heart and Lung Transplantation 2003; J Heart and Lung Transplant, 22(S1):226.

159. Moffatt-Bruce SD, Demers P, Chan M, Oyer PR, Reitz BA, and **Robbins RC**: Bridge to Cardiac Transplantation: Comparison of LVAD Versus Inotropic Support. Oral Presentation, International Society for Heart and Lung Transplantation 2003; J Heart and Lung Transplant, 2003; 22(1S):S207.

160. Balsam LB, Wagers AJ, Christensen JL, Hoyt GE, Weissman IL, and **Robbins RC**: Bone Marrow Stem Cells Transplanted Into Ishemic Myocardium Adopt A Myeloid, Rather Than Cardiac, Fate. American Transplant Congress 2003;Am J. Transplantation;3(S5);173.

161. Moffatt-Bruce SB, Demers P, **Robbins RC**, Henig N, Doyle R, Weinacker A, Theodore T, Whyte RI, and Reitz BA: Conversion From Cyclosporin to Tacrolimus in Double Lung and Heart-Lung Transplant Recipients. Poster Presentation, American Transplant Congress 2003; Am J Transplantation;3(S5):388.

162. Balsam LB, Mokhtari K, Jones S, Hoyt GE, Tanaka M, Kofidis T, Cooke DT, and **Robbins RC**: Early Inhibition of Capspase- mitigates The development of Graft

Coronary Artery Disease. Poster Presentation, American Transplant Congress 2003; Am. J. Transplantation;3(S5):402.

163. Kofidis T, Balsam LB, DeBruin J, Yamane T, Hoyt GE, Weissman IL and **Robbins RC**: Engraftment and Tumorigenicity of Early Embryonic Stem Cells in Myocardial Scar Tissue-A Comparative Study in Syngenic, Allogenic, and Scid Mice. Poster Presentation, American Transplant Congress 2003; Am. J. Transplantation;3(S5)547.

164. Tanaka M, Mokhtari GK, Terry RD, Nakae S, Balsam LB, Kofidis T, Cooke DT, deBruin JL, Fedoseyeva EV, **Robbins RC**: Overexpression of Human Bcl-2 Attenuates Graft Coronary Artery Disease by Suppressing Ischemia Reperfusion Injury and Immune Response during Acute Rejection in Murine Cardiac Allografts. Oral Presentation, American Heart Association, 2003.

165. Tanaka M, Mokhtari GK, Terry RD, Nakae S, Balsam LB, Kofidis T, Cooke DT, deBruin JL, Fedoseyeva EV, **Robbins RC:** Overexpression of Human Copper, Zinc-Superoxide Dismutase (SOD1) Suppresses Ischemia Reperfusion Injury and Attenuates Graft Coronary Artery Disease in Murine Cardiac Grafts. Poster Presentation, American Heart Association 2003.

166. Tanaka M, Mokhtari GK, Terry RD, Balsam LB, Kofidis T, Cooke DT, Inagaki K, Mochly-Rosen, D, and **Robbins RC:** Combined Treatment with Epislon Protein Kinase C Activator and Delta Protein Kinase C Inhibitor Amerliorates Ischemia Reperfusion Injury and Graft Coronary Artery Disease in Murine Cardiac Allografts. Oral Presentation, American Heart Association 2003.

167. Kofidis T, DeBruin J, Balsam LB, Yamane T, Tanaka M, Weissman IL, **Robbins RC**: Insulin-like growth factor-1 promotes engraftment, differentiation and functional improvement after transfer of embryonic stem cells for myocardial repair. Poster Presentation. American Heart Association, 2003.

168. Balsam LB, Kofidis T, and **Robbins RC**: Caspase-3 Inbitition Preserves Myocardial Geometry and Long-Term Function after Infarction. Poster Presentation. American Heart Association, 2003.

169. Hoyt G, McAllister T, Victor B, Dusserre N, Horgan M, **Robbins RC**, and L'Heureux N: High mid-Term Patency Rate of Completely Human Tissue Engineered Blood Vessels Implanted in Athymic Rats. Presented and published. Circulation Suppl. 108 (17):IV-687. 2003. American Heart Association, 2003.

170. Moffatt-Bruce S, Demers P, Karamichalis J, Theodore J, **Robbins RC**, Whyte R, Reitz B: Are Heart-Lung Transplant Recipients Protected from Developing Bronchiolitis Obliterans Syndrome? Oral Presentation. 40th Annual Meeting of The Society of Thoracic Surgeons, January 27, 2004.

171. Cooke DT, Pearl JI, Cole J, Hoyt EG, and **Robbins RC**: Adenoviral Overexpression of Human BCL-2 in Donor Rodent Lung Allografts Reduces Ischemia/Reperfusion Injury and Improves Post-Transplant Lung Function. Oral Presentation, The International Society of Heart and Lung Transplantation, 2004. J Heart Lung Transplant 2004;23(2S):100-101.

172. Kofidis T, deBruin JL, Swijnenburg RJ, Lebl DR, Cooke T, Tanaka M, and **Robbins RC**: MHC-I Expression on Donor Allogenic embryonic Stem Cells Transplanted for Myocardial Repair Correlates with Indices of Differentiation. The International Society of Heart and Lung Transplantation, 2004. J Heart Lung Transplant 2004;23(2S):101.

173. deBruin JL, Kofidis T, Tamane T, Tanaka M, Weissman IL, and **Robbins RC**: Stimulation of Paracrine Pathways Enhances Embryonic Stem Cell Engraftments and Differentiation in the Injured Heart. The International Society of Heart and Lung Transplantation, 2004. J. Heart Lung Transplant 2004;23(2S):S101.

174. Chan MCY, Moffatt S, Shao ES, Cantin B, Pelletier M, Oyer PE, **Robbins RC**, and Hunt SA: Improved Heart Transplant Survival inpatients Bridged with Ventricular Assist Device. The International Society of Heart and Lung Transplant, 2004. J. Heart Lung Transplant 2004;23(2S):S103.

175. Tanaka M, Terry RD, Koyanagi T, Inagaki K, Kofidis T, Moch;y-Rosen M, and **Robbins RC**: Combined Treatment with Epsilon Protein Kinase C Activator and Delta Protein Kinase C Inhibitor Amerliorates Ischemia Reperfusion Injury and Graft Coronary Artery Disease in Murine Cardiac Allografts. The International Society of Heart and Lung Transplantation, 2004. J Heart Lung Transplant 2004;23(2S);S126.

176. Balsam LB, Tanaka M, Wagers AJ, Weissman IL, and **Robbins RC**: Host Cells Contribute to Myocardium Early, Rather Than Late, After Allogenic and Syngeneic Murine Heart Transplantation. The International Society of Heart and Lung Transplantation, 2004. J Heart Lung Transplant, 2004; 23(2S):133.

177. Weinkauf JG, **Robbins RC**, Theodore J, and Faul JL: Transcutaneous Electrical Nerve Stimulation for Severe Gastroparesis After Lung Transplantation. The

International Society of Heart and Lung Transplantation, 2004. J Heart Lung Transplant, 2004;23(S2):S153.

178. Kofidis T, deBruin JL, Zwierchoniewska M, Swijnenburg RJ, Cooke DT, Lebl DR, Tanaka M, Fedoseyeva E, and **Robbins RC**: Embryonic stem Cell Transplantation Elicits a Primarily Th-1 Host T-Cell Response. The International Society of Heart and Lung Transplantation, 2004. J Heart Lung Transplant, 2004;23(2S);S160.

179. Tanaka M, Terry RD, Nakae S, Cooke DT, Kofidis T, and **Robbins RC**: Overexpression of HumanNcl-2 Attenuates Graft Coronary Artery Disease by Modulating Local Th1 Immune Response but not Immune Response in Murine Cardiac Allografts. The International Society of Heart and Lung Transplantation, 2004. J. Heart Lung Transplant, 2004;23(2S):S161.

180. Kofidis T, deBruin JL, Hoyt G, Yamane T, Swijnenburg RJ, Lebl DR, Tanaka M, Weissman IL, and **Robbins RC**: Myocardial Restoration with Embryonic Stem Cell Bioartificial Tissue Transplantation. The International Society of Heart and Lung Transplant, 2004. J Heart Lung Transplant, 2004;23(2S):S161.

181. Campisi J, Zweirchoniewska M, Fedoseyeva EV, Krams SM, **Robbins RC**, Esquivel CO, and Martinez OM: The Role of CD30 in Alloimmune Responses. American Transplant Congress, 2004. Am J Transplantation, 2004;4(S8):601.

182. Tanaka M, Terry RD, Mokhtari GK, Hoyt G, Cooke DT, Caffarelli AD, Kofidis T, and **Robbins RC**: Prolonged Cold Ischemia in Rat Cardiac Allografts Promotes Ischemia Reperfusion Injury and the Development of Graft Coronary Artery Disease in a Linear Fashion. American Transplant Congress, 2004. Am. J Transplantation 2004;4(S8):391.

183. Zweirchoniewska M, **Robbins RC**, Rabinovitch M, and Fedoseyeva EV: Overexpression of Elafin, A Serine Elastase Specific Inhibitor Prevents Acute Cardiac Allograft Rejection. American Transplant Congress, 2004. Am J Transplantation 2004;4(S8):395.

184. Tanaka M, Gunawan F, Caffarelli D, Koichi I, Kofidis T, Mochly-Rosen D, and **Robbins RC:** Combined Treatment with ePKC Activator and 8PCK Inhibitor Reduces Ischemia Reperfusion Injury and Graft Coronary Artery Disease Caused by Prolonged Ischemia in Rat Cardiac Allografts. American Transplant Congress, 2004. Am J Transplantation 2004;4(S8).

185. Balsam LB, Wagers AJ, Kofidis T, Weissman IL, and **Robbins RC**: Functional Benefits After Transplantation of Hematopoietic Stem Cell Enriched Bone Marrow in to Ischemic Myocardium are not due to Transdifferentiation. American Transplant Congress, 2004.Am J Transplantation 2004;4(S8);469.

186. Tanaka M, Zwierchoniewska M, Mokhtari GK, Kofidis T, **Robbins RC**, and Fedoseyeva E: Progressive Activation of Alloresponse and Tissue-Specific Autoimmunity in a Novel Mouse Model of Spontaneous Graft Coronary Artery Disease. American Transplant Congress, 2004. Am J Transplantation 2004;4(S8):525.

187. Tanaka M, Gunawan F, Terry RD, Mokhtari GK, Caffarelli AD, Cooke DT, Kofidis T, and **Robbins RC**: Overespression of Human Copper/Zinc Superoxide Dismutase (SOD1) Suppresses Ischemia Reperfusion Injury and Subsequent Development of Graft Coronary Artery Disease in Murine Cardiac Grafts. American Transplant Congress, 2004. Am J Transplantation 2004;4(S8):554.

188. Cooke DT, Pearl JI, Tanaka M, Hoyt EG, and **Robbins RC:** Overexpression of Human BCL-2 Adenoviral Gene Transfer in Donor Coronary artery Smooth Muscle Cells Reduces Donor Graft Apoptosis and Leads to an Early TH2 Cytokine Profile in Rat Cardiac Allografts. American Transplant Congress, 2004. Am J Transplantation 2004;4(S8):554.

189. Tanaka M, Nakae S, Terry RD, Kofidis T, and **Robbins RC**: Overexpression of Bcl-2 Reduces Graft Coronary Artery Disease by Suppressing Ischemia Reperfusion Injury and Immune Response During Acute and Chronic Phase in Murine Cardiac Allografts. American Transplant Congress, 2004. Am J Transplantation 2004;4(S8):555.

190. Cooke DT, Pear JI, Tanaka M, Cole J, Hoyt EG, and **Robbins RC**: Gene Transfer of Human BCL-2 in Donor Rat Lung Allografts Ischemia/Reperfusion Medical Inflammatory Response and Apoptosis and Improves Post-Transplant Lung Function. American Transplant Congress, 2004. AM J Transplantation 2004;4(S8):556.

191. Cooke DT, Hoyt EG, and **Robbins RC**: Caspase-3 and -8 Blockade Reduces Ischemia/Reperfusion Directed Apoptosis and Inflammatory Chemokine and Cytokine Production in Donor Rat Lung Allografts. American Transplant Congress, 2004. Am J Transplantation 2004;4(S8):557.

192. Kutschka I, Kofidis T, Chen IY, Sheikh AY, Pearl J, Hendry SL, Hoyt G, Lebl, DR, and **Robbins RC**: Bioartificial Tissue Grafts Improve Left Ventricular Function in

Ischemic Rat Hearts. International Society of Heart and Lung Transplant, 2005. J. Heart Lung Transplant 2005;24(2S):126-27.

193. Zweirzchoniewska M, Robbins J, Robbins RC, and Fedoseyeva E: Overexpression of Neonatal Isoform of Cardiac Myosin in Donor Hearts Results in Prolongation of Graft Survival. International Society of Heart and Lung Transplantation, 2004. J Heart and Lung Transplant 2005;24(2S):S127-28.

194. Zweirchoniewska M, Robbins RC, and Fedoseyeva EV: Diverse Pathways of Cardiac Allograft Rejections Correlate with Distinct Pathogenic Mechanisms of Cardiac-Specific Autoimmunity. International Society of Heart and Lung Transplantation, 2005. J Heart and Lung Transplant 2005;24 (2S):139.

195. Zwierchoniewska M, Tanaka M, **Robbins RC**, and Fedoseyeva, EV: Early Onset of Memory Anti-Myosin Autoantibodies in Murine Model of Cardiac Transplantation. American Transplant Congress 2005. Am J Transplantation 2005;5(S11):295.

196. Zhang, Herzyk P, **Robbins RC**, Reitz BA, and Borie DC: Gene Regulation of the JAK/SAT Pathway During Kidney Allograft Rejection as Revealed by Microarray Analysis. American Transplant Congress 2005. Am J Transplantation 2005;5(S11):450.

197. Zhang S, Herzyk P, Robbins RC, Reitz BA, and Borie DC: Mircoarray Gene Expression Analysis of Kidney Allograft Rejection Under Single Drug Immunosuppression in Non-Human Primates. American Transplant Congress 2005. Am J Transplantation 2005; 5(S11):451.

198. Kutschka, I, Chen I, Kofidis T, Pearl J, Sheikh A, Hendry S, Gambhir SS, and **Robbins RC**: In Vivo Survival Studies of Transplanted Cardiomyoblasts Using Optical Bioluminenescence. EACTS/ESTS 2005;111.

199. Kofidis T, Chen I, Martinez E, Haverich A, and **Robbins RC**: Large-scale Myocardial Repair on the Beating Heart using Embryonic Stem Cell-Derived Myoblasts in a Bioartificial Matrix. EACTS/ESTS 2005;127.

INVITED LECTURES

1. **Robbins RC**: Management of Vascular Rings. Grand Rounds, Department of Surgery, Stanford University School of Medicine, Stanford, CA, October 23, 1993.

2. **Robbins RC**: Management of Transposition of the Great Arteries. Medical Staff Conference, John Muir Hospital Walnut Creek, CA, March 8, 1994.

3. **Robbins RC**: The Arterial Switch Procedure for Transposition of the Great Arteries. General Surgery Grand Rounds, Stanford, CA, June 18, 1994.

4. **Robbins RC**: The Future Directions of Cardiac Surgery. Stanford Alumni Association, Anchorage, Alaska, July 13, 1994.

5. **Robbins RC**: Management of Hypoplastic Left Heart Syndrome. 2nd Annual Pediatric CME Meeting, Stanford, CA, July 17, 1994.

6. **Robbins RC**: Cardiac Transplantation for Senger's Syndrome. Salinas Grand Rounds, Salinas Valley Memorial Hospital, Salinas, CA, July 26, 1994.

7. **Robbins RC**: Pediatric Thoracic Transplantation. Travis Grand Rounds, Travis Air Force Base, CA, October 14, 1994.

8. **Robbins RC**: Primary vs. Staged Repair of Tetralogy of Fallot. Pediatric Grand Rounds, Salinas Valley Memorial Hospital, Salinas, CA, May 19, 1995.

9. **Robbins RC**: Recent Advances in Neonatal Cardiac Surgery and the Future of Fetal Cardiac Surgery. 3rd Annual Pediatric CME Meeting, Stanford, CA, July 21,1995.

10. **Robbins RC** : Advances in Aortic Root Replacement. Stanford-Asia Cardiovascular Symposium, Kuala Lumpur, Malaysia, October 14, 1995.

11. **Robbins RC**: Recent Modifications in the Fontan Procedure. Stanford-Asia Cardiovascular Symposium, Kuala Lumpur, Malaysia, October 14, 1995

12. **Robbins RC**: Advances in Congenital Heart Disease Surgery. Stanford Asia Cardiovascular Symposium, Manila, Philippines, October 19, 1996

13. **Robbins RC**: Update on Lung & Heart-Lung Transplantation. CME Meeting, Stanford, CA, February 27, 1997.

14. **Robbins RC**: NOVACOR Ventricular Assist Device. Society of Cardiovascular Anesthesiologists Meeting, Breckenridge, Colorado, March 6, 1997.

15. **Robbins RC**: Heart, Lung, Heart-Lung Transplantation--State of the Art. Society of Cardiovascular Anesthesiologists Meeting, Breckenridge, Colorado, March 6, 1997.

16. **Robbins RC**: Heart Transplantation and Beyond. 7th Annual Cardiology Symposium, Sacramento, CA, March 22, 1997.

17. **Robbins RC**: Heart-Lung Transplantation. Columbia Bay Area Healthcare Network, San Jose, CA, April 16, 1997.

18. **Robbins RC**: Recent advances in cardiac surgery. Surgery Grand Rounds, Baylor College of Medicine, Houston, TX, August 2, 1997.

19. **Robbins RC**: Minimally invasive coronary artery bypass grafting. The Fourth Annual Stanford Asia Cardiovascular Symposium. Phuket, Thailand, October 25, 1997.

20. **Robbins RC**: Advances in Congenital Heart Disease Surgery. The Fourth Annual Stanford Asia Cardiovascular Symposium. Phuket, Thailand, October 25, 1997.

21. **Robbins RC**: Current results of Thoracic Transplantation. ValleyCare Medical Center, Pleasanton, CA, January 9, 1998.

22. **Robbins RC**: Minimally invasive techniques in cardiothoracic surgery. Stanford/Bear, Stearns Cardiovascular Technology Seminar, Menlo Park, CA, February 5, 1998.

23. **Robbins RC**: Moderator, Medical Device Network: Minimally Invasive Coronary Surgery Symposium, Stanford University , March 7,1998.

24. **Robbins RC**: Recent advances in heart-lung and lung transplantation. Hong Kong Society of Transplantation, Hong Kong, China, April 26, 1998.

25. **Robbins RC**: Obliterative bronchiolitis following heart-lung and lung transplantation. Hong Kong Society of Transplantation, Hong Kong, China, April 26, 1998.

26. **Robbins RC**: Moderator, Neurologic injury during cardiac surgery symposium, Boston, MA, May 2, 1998.

27. **Robbins RC**: A novel concept for managing aortic emboli: new surgical strategies in the animal model. Neurologic injury during cardiac surgery symposium, Boston, MA, May 2, 1998.

28. **Robbins RC**: Minimally invasive bypass surgery: beating heart approach. Tenth Annual Complex Interventional Vascular Symposium, San Francisco, CA, May 8,1998.

29. **Robbins RC**: Panelist, Vision 2010 Cardiovascular Service Meeting, Burlingame , CA, May 14, 1998.

30. **Robbins RC**: Cardiac transplantation: surgical considerations and new surgical options in congestive heart failure. UCSF update in cardiology: a board review course. San Francisco, CA, September 16, 1998.

31. **Robbins RC**: Mechanical support of the heart. Stanford Critical Care Medicine Conference. Stanford, CA, December 10, 1998.

32. **Robbins RC**: Innovative ideas- from concept to market. NewEra Cardiac Care: Innovation and Technology. Scottsdale, AZ, January 8, 1999.

33. **Robbins RC**: Recent advances in cardiac surgery. Tulane Surgical Grand Rounds. New Orleans, LA, March, 6, 1999.

34. **Robbins RC**: Management of Aortic Dissections. Washington University, Barnes-Jewish Hospital, Cardiac Surgical Conference, St. Louis MO, October 18, 1999.

35. **Robbins, RC:** Endovascular Stent Grafts for Thoracic Aortic Aneurysms and Aortic Dissections NewEra Cardiac Care2000, San Diego, CA January 13 - 16, 2000.

36. **Robbins, RC:** Taking Ideas to Market, NewEra Cardiac Care2000, San Diego, CA January 13 - 16, 2000.

37. **Robbins, RC**: Treatment Strategies for Thoracic Aortic Aneurysms and Aortic Dissections. Cardiothoracic Surgery Resident Conference. Toronto General Hospital. May 3, 2000.

38. **Robbins, RC**: Surgical Options for the Treatment of Congestive Heart Failure. Cardiothoracic/Cardiology Conference. Toronto General Hospital. May 4, 2000.

39. **Robbins, RC**: The Totally Implantable Novacor Left Ventricular Assist System. Fifth International Conference on Circulatory Support Devices for Severe Heart Failure. New York, NY, September 16, 2000.

40. **Robbins, RC:** Endovascular Stent Grafts for Thoracic Aortic Disease. Cardiac Surgery Symposium, Memorial Hospital, South Bend, IN. October 7, 2000.

41. **Robbins, RC:** The Future of Cardiac Transplantation is Xenotransplantation and … 23rd Annual San Diego Cardiothoracic Surgery Symposium, San Diego, CA. February 16, 2001.

42. **Robbins, RC:** Surgical Treatment of Congestive Heart Failure. Annual Kaiser Cardiovascular Service Symposium, San Francisco, CA, September 15, 2001.

43. **Robbins, RC:** New Technologies and Devices for Coronary Bypass Graft Surgery. Cardiovascular Rounds, Salinas Valley Memorial Hospital, December 14, 2001.

44. **Robbins, RC:** Technologies Threatening Perfusion and How to Prepare for Them. Fifth Annual NewEra Cardiac Care: Innovation and Technology, Dana Point, CA, January 4, 2002.

45. **Robbins, RC:** Brain-Athero Filters During Perfusion. Fifth Annual NewEra Cardiac Care: Innovation and Technology, Dana Point, CA, January 4, 2002.

46. **Robbins, RC:** Descending Aortic Dissections: Stent vs. Operate. . Fifth Annual NewEra Cardiac Care: Innovation and Technology, Dana Point, CA, January 4, 2002.

47. **Robbins, RC:** Left Ventricular Remodeling for Congestive Heart Failure. Cardiovascular Surgery Grand Rounds, Texas Heart Institute, Houston, TX, January 25, 2002.

48. **Robbins, RC:** Stuck on cardiopulmonary bypass? Causes and options. American Society of Transplant Surgeons, 2nd Annual Winter Symposium, Miami Beach, FL, January 26, 2002.

49. **Robbins, RC**: Building a Successful Basic Science Research Career: The Impact of Molecular Biology and Genomics. 80th Annual Meeting of the American Association for Thoracic Surgery, Washington, D.C., May 4, 2002.

50. **Robbins, RC:** Use of the Novacor Left Ventricular Assist System for Destination Therapy. 88th Annual Clinical Congress, American College of Surgeons, San Francisco, CA. October 9, 2002.

51. **Robbins, RC**: Newer Surgical Approaches to Revascularization. ACC/UCSF Cardiology Update, Carmel Valley Ranch, Carmel, CA. October 10, 2002.

52. **Robbins, RC**: Surgical Management of Congestive Heart Failure. Arrhythmia/Heart Failure Update, Stanford School of Medicine, November 9, 2002.

53. **Robbins, RC:** How and When to Manage Pediatric Patients with Left Ventricular Assistance. 75th Annual Meeting, American Heart Association, Chicago, IL. November, 19, 2002.

54. **Robbins, RC:** Tissue Engineering: The Future of Growing Heart Parts. 23rd Annual San Diego Cardiothoracic Surgery Symposium, San Diego, CA, February 28, 2003.

55. **Robbins, RC:** Surgical Treatment of Congestive Heart Failure. Medical Grand Rounds, Washoe Medical Center, Reno, NV, May 27, 2003.

56. **Robbins, RC:** The Future of Cardiac Surgery. Hospital and Healthcare Environments of the Future, Working Session on the Future of Cardiovascular Services, Health Technology Center, May 29, 2003.

57. **Robbins RC**: Surgical Options for Congestive Heart Failure. Stanford University, Teleconference, Phillipines/Hong Kong, July 24, 2003.

58. **Robbins RC**: Surgical Treatment of Heart Failure. Stanford University Clinical Update: Innovations in Care, San Ramon, CA, September 20, 2003.

59. **Robbins RC**: Surgical Options in Perspective for the Heart Failure Patient. 7th Annual Scientific Meeting of the Heart Failure Society of America. Las Vegas, NV, September 23, 2003.

60. **Robbins RC**: Myocardial Gene Expression Associated with Circulatory Support Devices. 89th Annual Meeting of the American College of Surgeons, Surgical Forum

General Session "The Importance of Genomics and Proteomics in Surgical Research, Chicago, IL, October 21, 2003.

61. **Robbins RC**: Current Status of Cardiac Transplantation. 7th Annual NewEra Cardiac Care: Innovation and Technology Meeting. January 10, 2004.

62. **Robbins RC**: Mechanical Devices for End-Stage Heart Disease- Do They Still Hold the Promise? STS/AATS Tech-Con 2004, 40th Annual Meeting of The Society of Thoracic Surgeons, January 24, 2004.

63. **Robbins RC**: Current Surgical Therapies for Heart Failure, San Francisco Surgical Society, San Francisco, CA March 17, 2004.

64. **Robbins RC**: Diagnosis of Heart Failure and Surgical Options: Transplantation, CREF 24th Annual Meeting, Cardiothoracic Surgery Symposium, San Diego, CA March 31, 2004.

65. **Robbins RC**: Current Surgical Therapies for Heart Failure, Bay Area Society of Thoracic Surgeons Meeting, San Francisco, CA April 14, 2004.

66. **Robbins RC**: Developing the Academic Surgeon, American Association of Thoracic Surgeons 84th Annual Meetings, Toronto Ontario, Canada, April 24, 2004.

67. **Robbins RC**: Surgical Options for Congestive Heart Failure, Grand Rounds, Department of Surgery, Mercer University, Macon GA, June 11, 2004.

68. **Robbins, RC**: Surgical Options for Congestive Heart Failure, James D. Hardy Society Lectureship and Surgical Forum, Jackson MI, June 12, 2004.

69. **Robbins, RC**: Emerging Strategies in the Surgical Treatment of Heart Failure, Cardiovascular Consultants of the East Bay, Walnut Creek, CA , July 20, 2004.

70. **Robbins RC**: Stem Cell Myocardial Restoration, Halstead Society Annual Meeting, Department of Surgery, Stanford University School of Medicine, Stanford, CA September 9, 2004.

71. **Robbins RC**: Women and Cardiovascular Disease, Community Lecture Series, Stanford Health Library, Stanford University, Stanford, CA September 23, 2004.

72. **Robbins RC**: Overview of Stanford Cardiovascular Institute. Venture into the Future: Trends, Research, and Innovation in Medicine. Stanford University School of Medicine, Media Seminar, Stanford University, September 27, 2004.

73. **Robbins, RC**: Thoracic Aortic Stents? Will Catheters Replace Surgeons" CREF 25th Annual Cardiothoracic Surgery Symposium, San Diego, CA February 11, 2005.

74. **Robbins RC**: Roadmap for the Cardiovascular Institute. Stanford Medical Alumni Association Spring Symposium. New Frontiers in Medicine: How the Four Institutes Will Change Our Profession. Stanford University, Stanford CA May 7, 2005

75. **Robbins RC**: Heart Failure and Stem Cell Therapy in Cardiac Disease. Grand Rounds, University of California School of Medicine, Los Angeles, CA, May 11, 2005.

76. **Robbins RC**: Myoblasts for Chronic Infarction. Medtronic Cardiac Surgery Resident's Program. Minneapolis MN, May 12, 2005.

77. **Robbins RC**: Congestive Heart Failure. Palo Alto Medical Foundation First Annual Cardiology Symposium. Seascape, CA. May 21, 2005.

78. **Robbins RC**: Directions for the Stanford Cardiovascular Institute, Palo Alto Chamber of Commerce, Palo Alto, CA June 3, 2005.

79. **Robbins RC**: New Technologies for Treatment Heart Failure. The Cardiovascular System in Health and Disease: Fundamental Concepts for the Medical Device Industry. Stanford Center for Professional Development, Stanford University, June 17, 2005.

80. **Robbins RC**: Cell Transplantation in the Heart: Clinical Applications. Featured Research Presentation, American Heart Association Scientific Sessions, Dallas, TX, November 15, 2005.

REFERENCES

Stanford University School of Medicine

Bruce A. Reitz, M.D.

James B.D. Mark, M.D.

Philip E. Oyer, M.D.

Thomas Krummel, M.D.

Christopher Zarins, M.D.

External

Michael D. Dake, M.D., University of Virginia, Charlottesville, VA

Judith L. Swain, M.D., UCSD, San Diego, CA

Stephen N. Oesterle, M.D., Medtronic, Corp., Minneapolis, MN

Vaughn A. Starnes, M.D., USC, Los Angeles, CA

Roger B. B. Mee, M.D., Cleveland Clinic, Cleveland, OH

Martin L. Dalton, Jr., M.D., Mercer University, Macon, GA

Craig R. Smith, M.D., Columbia University, New York, NY

Eric A. Rose, M.D., Columbia University, New York, NY

Julie A. Swain, M.D., Federal Drug Administration, Washington, D.C.

Fred A. Crawford, Jr., M.D., Medical University of South Carolina, Charleston, SC