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Curriculum Vitae

GEORGE TELLIDES, M.D., Ph.D.

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Education:

1978-1983	M.B.B.Ch., Medical School, University of the Witwatersrand, Johannesburg, South Africa
1985-1988	D.Phil., Merton College, University of Oxford, Oxford, England

Postdoctoral Training:

1984	Intern in Surgery and Medicine, Johannesburg Hospital, University of the Witwatersrand Medical School, Johannesburg, South Africa
1985	Course in Basic Medical Sciences, Royal College of Surgeons of England, London, England
1985-1988	Research Fellow, Nuffield Department of Surgery, John Radcliffe Hospital, University of Oxford, Oxford, England
1988-1992	Intern and Resident in General Surgery, Yale-New Haven Hospital, Yale University School of Medicine, New Haven, CT
1992-1993	Chief Resident in General Surgery, Yale-New Haven Hospital, Yale University School of Medicine, New Haven, CT
1993-1994	Resident in Cardiothoracic Surgery, Brigham and Women's Hospital and Children's Hospital, Harvard Medical School, Boston, MA
1994-1995	Chief Resident in Cardiothoracic Surgery, Brigham and Women's Hospital, Harvard Medical School, Boston, MA

Licensure and Certification:

1985	South African Medical and Dental Council (MP27628)
1985	General Medical Council, Great Britain (3046203)
1985	Educational Commission for Foreign Medical Graduates, USA (3894839)
1990	Federation Licensing Examination, Massachusetts (600328504)
1992	State of Connecticut Medical License (032245)
1993	Fellow of the Royal College of Surgeons of England (247398)
1994	State of Massachusetts Medical License (80268)
1994	Diplomate of the American Board of Surgery (39461)
1996	Diplomate of the American Board of Thoracic Surgery (5902)

Academic Appointments:

1992-1993	Instructor in Surgery, Yale University, New Haven, CT
1993-1995	Clinical Fellow in Surgery, Harvard University, Cambridge, MA
1995-2001	Assistant Professor of Surgery, Yale University, New Haven, CT

2001- Associate Professor of Surgery (Clinician-Scholar Track), Yale University, New Haven, CT

Hospital Appointments:

1995- Attending Surgeon, Yale-New Haven Hospital, New Haven, CT
1995- Attending Surgeon, Veterans Affairs Medical Center, West Haven, CT

Other Professional Positions:

1995-1998 Acting Chief, Cardiothoracic Surgery, Veterans Affairs Medical Center, West Haven, CT
1996-2000 Director, Cardiac Transplantation, Yale-New Haven Hospital, New Haven, CT
1998- Chief, Cardiothoracic Surgery, Veterans Affairs Medical Center, West Haven, CT

Awards and Honors:

1978 Lillian Moss-Cowen Prize for Academic Achievements in the First Year of Medical School, University of the Witwatersrand, Johannesburg, South Africa
1982 Harwood-Nash Prize for Best Student in Surgery, University of the Witwatersrand, Johannesburg, South Africa
1985-1988 Ernst and Ethel Eriksen Trust Scholarship for Study Abroad, Johannesburg, South Africa
1986-1988 Horatio Symonds Studentship in Surgery, University of Oxford, Oxford, England
1988 British Transplantation Society Travel Award, Great Britain
1996-2000 Junior Faculty Scholar, Boyer Center for Molecular Medicine, Yale University School of Medicine, New Haven, CT
2000 Hellman Family Fellowship Award for Promising Assistant Professors in the Sciences and Engineering, Yale University, New Haven, CT.

Committee Assignments:

Yale University School of Medicine:
1995-1996 Sub-Committee on Surgical Curriculum
1995-2000 Clinic Chiefs, Yale Faculty Practice Plan
2003-2004 Search Committee for Chief of Cardiovascular Medicine

Yale-New Haven Hospital:
1996-2000 Bronchoscopy Credentialing and Quality Assurance Committee
1997-2000 Xenotransplantation Committee

West Haven Veterans Affairs Medical Center:
1995- Cancer Committee
1997- Blood Usage Committee, Chairman

National and Regional:
1999-2000 UNOS Thoracic Regional Review Board
2000-2004 Research Committee, Thoracic Surgery Foundation for Research and Education
2001-2004 Intra-Thoracic Organs Committee, American Society of Transplantation
2002-2005 Thoracic Organ Transplantation Committee, American Society of Transplant Surgeons
2003 Program Committee; International Society for Heart and Lung Transplantation, 23rd Annual Meeting and Scientific Sessions, Vienna, Austria

Memberships in Professional Societies:

1985-1988	Medical Association of South Africa
1985-1988	British Medical Association
1987-1988	British Transplantation Society
1987-1988	British Society for Immunology
1987-	The Transplantation Society
1988-	The Oxford Society
1993-	Fellow of the Royal College of Surgeons of England
1994-1997	American Medical Association
1994-	Massachusetts Medical Society
1994-1997	American College of Surgeons, Associate Fellow
1994-1997	American College of Cardiology, Affiliate-in-Training
1995-2000	American Association for the Advancement of Science
1995-	Aldo Castaneda Society of Pediatric Cardiovascular Surgery
1995-	Society of Brigham Surgical Alumni
1995-	Yale Surgical Society
	2000-2003 Board Member
1997-	International Society for Heart and Lung Transplantation
1998-2001	International Xenotransplantation Association
2000-	American Association of Immunologists
2001-	Society of University Surgeons
2001-	American College of Surgeons
2001-	American Society of Transplant Surgeons
2001-	American Society of Transplantation
2002-	New England Surgical Society

Clinical Activities:

1995-2000	Attending Cardiothoracic Surgeon, Yale-New Haven Hospital and West Haven VA Hospital (on-service/on-call every week)
2000-	Attending Cardiothoracic Surgeon, West Haven VA Hospital (on-service/on-call one week out of two)

Research Activities:

1996-	Director, Cardiac Surgery Vascular Biology and Immunology Laboratory, Boyer Center for Molecular Medicine, Yale University School of Medicine, New Haven, CT Principal Investigator research activities are currently at 50% overall effort. The laboratory occupies 500 sq. ft. and is staffed by 4-6 postdoctoral fellows and associate research scientists. The P.I. has an interdisciplinary, translational approach to vascular biology and immunology. The primary research interest is immune-mediated vascular injury and remodeling focusing on the regulation of interferon-γ production by artery-infiltrating T cells and on the mechanisms of interferon-γ responses in vascular smooth muscle cells resulting in arteriosclerosis.
2000-	Investigator, Interdepartmental Program in Vascular Biology and Transplantation, Yale University School of Medicine, New Haven, CT

Grant Support:

Active Grant Support:

2000-2005	National Heart, Lung and Blood Institute; RO1 (HL65744); Principal Investigator: Alfred L.M. Bothwell; Co-Investigator: George Tellides; $1,000,000 direct costs/four years; Human anti-porcine immune responses *in vivo*
2001-2006	National Heart, Lung and Blood Institute; PO1 (HL70295-01); Principal Investigator: Jordan S. Pober; Project 2 Leader: George Tellides; Program Project $4,217,016 direct costs/five

years; Project 2 $798,597 direct costs/five years; Program Project: Chronic DTH and IFN- γ in Human Graft Arteriosclerosis; Project 2: IFN- γ in Human Graft Arteriosclerosis

2001-2006 National Heart, Lung and Blood Institute; PO1 (HL70295-01); Principal Investigator: Jordan S. Pober; Core B Director: George Tellides; Program Project $4,217,016 direct costs/five years; Core B $394,825 direct costs/five years; Program Project: Chronic DTH and IFN- γ in Human Graft Arteriosclerosis; Core B: Microsurgery

Previous Grant Support:

1996 Ohse Grant, Yale University; Principal Investigator: George Tellides; $5,000/one year; Chimeric Human-Severe Combined Immunodeficient Mouse Model to Study Human Anti-Porcine Xenograft Rejection

1997 Ohse Grant, Yale University; Principal Investigator: George Tellides; $9,000/one year; Human/Severe Combined Immunodeficient Mouse Chimeras: An Experimental *In Vivo* Model System to Study Human Anti-Porcine Skin Graft Xenogeneic Responses

1997-1999 American Heart Association Grant-in-Aid (CT-97-GR-49); Principal Investigator: George Tellides; $87,986/two years; The Immunobiology of Human Anti-Porcine Cell-Mediated Xenograft Rejection in a Chimeric Human-SCID Mouse Model

2000-2001 Patterson Trust Grant; Principal Investigator: George Tellides; $86,775/one year; The Role of Interferon- γ in Human Coronary Arteriosclerosis

2002-2004 Medical Research Council of the United Kingdom; Cambridge-Yale Cardiovascular Program Planning Grant; Principal Investigators: John R. Bradley and Jordan S. Pober; Pilot Project 1 Yale Leader: George Tellides; Total Project £200,000 direct costs/two years; Yale subcontract for Pilot Project 1 £12,500/two years; Pilot Project 1: Regulation of Vascular Smooth Muscle Cell Apoptosis and Transplant Vasculopathy

2002-2004 ISIS Pharmaceuticals Collaborative Research Agreement; Principal Investigator: Jordan S. Pober; Co-Investigator: George Tellides; $250,000/two years; Functions of STAT Proteins in Vascular Cell Pathology

Mentored Grant Support and Awards:

1999 Ohse Grant, Yale University; Principal Investigator: Nancy C. Kirkiles; $7,500/one year; The Role of Interferon-γ in Pig-to-Human Xenotransplantation-Associated Arteriosclerosis

1999 Ohse Grant, Yale University; Principal Investigator: Richard W. Kim; $7,500/one year; Gene transfer of Bcl-2 and Survivin into Vascularized Human Allografts and Porcine Xenografts in a Novel Arterial Transplantation Model

1999-2001 Baxter Healthcare Research Fellowship; The Thoracic Surgery Foundation for Research and Education; Principal Investigator: Richard W. Kim; $70,000/two years; *In Vivo* Effects of Bcl-2 and Survivin Gene Transfer

1999 Young Investigator Award, American Society of Transplant Surgeons; Recipient: Denis A. Tereb

2000 Ohse Grant, Yale University; Principal Investigator: Richard W. Kim; $6,340/one year; Regulation of MHC class II molecules by interferon- γ *in vivo*

2001 Ohse Grant, Yale University; Principal Investigator: Richard W. Kim; $10,000/one year; Conditional Activation of STAT3 by IFN- γ and PDGF Receptor Interactions

2001-2003 Winchester Research Fellowship, Yale-New Haven Hospital; Recipient: Paul C.Y. Tang; $70,000/two year; Salary support

2002 Ohse Grant, Yale University; Principal Investigator: Paul C. Y. Tang; $7,500/one year; Leukocyte Infiltration and Vascular Smooth Muscle Cell Apoptosis in Human Thoracic Aortic Aneurysms

2002 Ohse Grant, Yale University; Principal Investigators: William Burns and Jinah Kim; $10,000/one year; Interferon- γ and Platelet-Derived Growth Factor-BB Induce Vascular Smooth Muscle Cell Mitogenesis via c-Jun *In Vitro*

2003 Ohse Grant, Yale University; Principal Investigator: Jinah Kim; $8,000/one year; Characterization of the Role of Chemokine Signaling in Cardiac Graft Arteriosclerosis

2003-2004 Ethicon Fellowship Award; Society of University Surgeons; Principal Investigator: Jinah Kim; $35,000/one year; The role of chemokine signaling in graft arteriosclerosis
2004 Ohse Grant, Yale University; Principal Investigator: Hooman Ranjbaran-Jahromi; $5,000/one year; Characterization of Interferon-γ Production in Human Coronary Arteries
2004 Ohse Grant, Yale University; Principal Investigators: Jinah Kim and Madison Cuffy; $5,000/one year; Examination of the role of RGS16 in vascular remodeling

Editorial Activities:

1995- Editorial Board: Video Journal of Cardiothoracic Surgery
1995- Ad Hoc Journal Reviewer: Journal of Cardiac Surgery, Annals of Thoracic Surgery, Journal of Heart and Lung Transplantation, Transplantation, Journal of Thoracic and Cardiovascular Surgery, Nature Medicine, Laboratory Investigation, Current Molecular Medicine, Circulation, FASEB Journal, Blood, American Journal of Transplantation, Stem Cells, Journal of Experimental Medicine
1998- Abstract Reviewer: 19th, 21st, 22nd, 23rd, 24th, and 25th Annual Meetings of the International Society for Heart and Lung Transplantation; 4th and 5th Joint Annual Meetings of the American Transplantation Society and the American Society of Transplant Surgeons
2000- Grant Reviewer: Thoracic Surgery Foundation for Research and Education; International Society for Heart and Lung Transplantation

Educational Activities:

Thesis Advisor of M.D. and M.P.H. Students:
1996-1997 Jude Ade; thesis "Post-Coronary Artery Bypass Graft Recovery - a Cross Cultural Comparison"
1997-1999 Sharam Salami; thesis "Reduction Ventriculoplasty"
2000-2002 Kevin Johnson; thesis "The Role of Adhesion Molecules in Pig-to-Human Xenotransplantation"
2000-2003 Wlliam R. Burns; thesis "Interferon-γ Mediates T Cell-Dependent Injury and Remodeling of Allogeneic Human Coronary Arteries"

Mentoring of Postdoctoral Trainees:
1996-2001 Nancy C. Kirkiles-Smith, Ph.D.; currently Associate Research Scientist, Yale University
1996-2000 Denis A. Tereb, M.D.; currently General Surgery Resident, University of South Alabama
1998-2001 Richard W. Kim, M.D., currently Cardiothoracic Surgery Resident, University of Pennsylvania
2000-2001 Yinong Wang, M.D., Ph.D.; currently Associate Research Scientist, Yale University
2001-2002 Yalai Bai, M.D., Ph.D.; currently Associate Research Scientist, Yale University
2000- Alexandre Iakimov, M.D.
2001-2003 Paul C.Y. Tang, M.D.; currently General Surgery Resident, Yale-New Haven Hospital
2002-2004 Jinah Kim, M.D., Ph.D.; currently Pathology Resident, Yale-New Haven Hospital
2002- Hooman Ranjbaran-Jahromi, M.D.
2004- Madison Cuffy, M.D.
2004- Ahmad Saad, M.D.

Clinical Instruction of Surgery Residents (primary supervisor):
1995- Cardiothoracic Surgery Residents (six month rotations at West Haven VA Hospital)
1995-2000 Cardiac Transplant Fellow (one year rotations at Yale-New Haven Hospital)
1995-1999 PGY-4 General Surgery Residents (three month rotations at West Haven VA Hospital)
1995- PGY-2 General Surgery Residents (one month rotations at West Haven VA Hospital)

Student Teaching:

1995-1999	Cardiovascular Module, 2nd Year Yale Medical Student Pathophysiology Course
1995-	Cardiac Surgery Lectures, 3rd Year Yale Medical Student Surgery Rotation
1995-2000	Cardiac Surgery Lectures, Yale Physician Associate Program
1999-2000	Director of Medical Student Rotations, Section of Cardiothoracic Surgery
2000-	Clinical Case Presentation Conference, 1st Year Yale Medical Student Course
2003-	Medical Professions Outreach Program, Yale Undergraduate Students

Resident Teaching:

1995-	Basic Science Lectures, Yale Affiliated General Surgery Residency Programs
1995-	Basic Science and Clinical Lectures, Yale Cardiothoracic Surgery Residents
1999-	Basic Science Lectures, Yale Cardiology Fellows
2001-2002	Director of Cardiothoracic Resident Education, Section of Cardiothoracic Surgery

Invited Faculty:

Postgraduate Training Courses:

1995	Surgeon, Americare Teaching Mission, St George Hospital, St Petersburg, Russia
2000	Co-Director, Technically Challenging Procedures in Adult Cardiac Surgery, Foxwoods Resort, CT

National and International Meetings:

1996	Thoracic Surgery and Regional Anesthesia Management Seminar; Annual Meeting of the Society of Cardiothoracic Anesthesiology, Salt Lake City, UT
2000	Co-Chairman, Session on Pathophysiology of Chronic Rejection; Joint Meeting of the American Society of Transplant Surgeons and American Society of Transplantation, Chicago, IL
2001	Co-Chairman, Session on Which Specific Risk Factors Influence Chronic Rejection; International Symposium on Chronic Rejection in Experimental and Clinical Transplantation: New Strategies in Research and Therapy, Wuerzburg, Germany
2001	Co-Chairman, Session on Basic Science and Immunobiology 2: Tolerance and the Endothelium; International Society for Heart and Lung Transplantation, 21st Annual Meeting and Scientific Sessions, Vancouver, Canada
2002	Co-Chairman, Mid-Day Workshop 7: Core Curriculum: Immunology for Dilettantes; International Society for Heart and Lung Transplantation, 22nd Annual Meeting and Scientific Sessions, Washington, DC
2002	Co-Chairman, Session on Basic Science and Immunobiology 3: Costimulation and Cytokines; International Society for Heart and Lung Transplantation, 22nd Annual Meeting and Scientific Sessions, Washington, DC
2003	Co-Chairman, Session on Clinical Heart Transplantation 1: Cardiac Allograft Vasculopathy; International Society for Heart and Lung Transplantation, 23rd Annual Meeting and Scientific Sessions, Vienna, Austria
2003	Co-Chairman, Session on Heart Transplantation: Mechanisms and Diagnosis of Graft Injury; American Transplant Congress, Washington, DC
2004	Co-Chairman, Session on Basic Science and Immunobiology: Chronic Rejection: Basic Mechanisms; International Society for Heart and Lung Transplantation, 24th Annual Meeting and Scientific Sessions, San Francisco, MA
2004	Co-Chairman, Session on Outcomes and Complications after Cardiac Transplantation; American Transplant Congress, Boston, MA
2004	Co-Chairman, State-of-the-art Symposium on Endothelial Activation and Vascular Remodeling, XX International Congress of the Transplantation Society, Vienna, Austria

Invited Lectures:

1996	"Advances in Cardiac Surgery", Frontiers in Cardiovascular Medicine, VA Hospital, West Haven, CT
1997	"Surgical Approaches to Atrial Fibrillation", 7th Annual Cardiovascular Symposium on Atrial Fibrillation, New Haven, CT
1998	"Transplantation Models in Human/Mouse Chimeras", New England Surgical Society Spring Meeting, New Haven, CT
1998	"Advances in Cardiac Surgery", Cardiology Update, VA Hospital, West Haven CT
1999	"Cardiac Replacement Therapy" Surgery Grand Rounds, Yale University School of Medicine, New Haven, CT
1999	"Interferon-γ-Induced Arteriosclerosis", Cardiology Grand Rounds, Yale University School of Medicine, New Haven, CT
2000	"Cytokine-Mediated Vascular Injury", Surgery Grand Rounds, Yale University School of Medicine, New Haven, CT
2000	"Cytokine-Induced Vascular Injury", Transplantation Biology Research Center, Massachusetts General Hospital, Boston, MA
2000	"Cytokine-Mediated Vascular Injury", Eastern Surgical Society Meeting, New Haven, CT
2000	"Cytokine-Induced Vascular Injury", Allergy and Clinical Immunology Research Seminars, Yale University School of Medicine, New Haven, CT
2001	"The Role of Interferon-γ in Arteriosclerosis", International Symposium on Chronic Rejection in Experimental and Clinical Transplantation: New Strategies in Research and Therapy, Wuerzburg, Germany
2001	"Cytokine-Induced Vascular Injury", Interdepartmental Program in Vascular Biology and Transplantation Research Seminar, Yale University School of Medicine, New Haven, CT
2001	"New Animal Models of Graft Vascular Disease", Joint Retreat of the Interdepartmental Program in Vascular Biology and Transplantation and the Interdisciplinary Program in Clinical Transplantation, Yale University School of Medicine, New Haven, CT
2002	"Coronary Artery Disease", Surgery Grand Rounds, Yale University School of Medicine, New Haven, CT
2002	"Effector Mechanisms", Core Curriculum: Immunology for Dilettantes, International Society for Heart and Lung Transplantation, 22nd Annual Meeting and Scientific Sessions, Washington, DC
2002	"Arterial Remodeling", Pulmonary Medicine Research Seminars, Yale University School of Medicine, New Haven, CT
2003	"Surgical Revascularization of the Failing Heart", Surgery Grand Rounds, Yale University School of Medicine, New Haven, CT
2003	"Inducers and Markers of Type I Cytokine-Producing Immune Responses in Coronary Atherosclerosis", 3rd Annual Joint Retreat of the Interdepartmental Program in Vascular Biology and Transplantation and the Interdisciplinary Program in Clinical Transplantation, Yale University School of Medicine, New Haven, CT
2004	"The Pathology of Vascular Remodeling", Novartis Satellite Symposium, Annual Meeting of the Canadian Society of Transplantation, Mont Tremblant, Canada
2004	"Vascular Remodeling", State-of-the-art Symposium, XX International Congress of the Transplantation Society, Vienna, Austria

Publications

Original Articles:

1. Tellides G, Dallman MJ, Kupiec-Weglinski JW, Diamantstein T, Morris PJ. Functional blocking of the interleukin-2 receptor (IL-2R) may be important in the efficacy of IL-2R antibody therapy. *Transplant Proc* 1987; 19 (5): 4231-4233.

2. Tellides G, Dallman MJ, Morris PJ. Synergistic interaction of cyclosporine A with interleukin 2 receptor monoclonal antibody therapy. *Transplant Proc* 1988; 20 (2, suppl 2): 202-206.

3. Kupiec-Weglinski JW, Hahn HJ, Kirkman RL, Volk HD, Mouzaki A, DiStefano R, Tellides G, Dallman M, Morris PJ, Strom TB, Tilney NL, Diamantstein T. Cyclosporine potentiates the immunosuppressive effects of anti-interleukin 2 receptor monoclonal antibody therapy. *Transplant Proc* 1988; 20 (2, suppl 2): 207-216.

4. Gassel HJ, Tellides G, Engemann R, Morris PJ. Cyclosporine A in orthotopic rat liver transplantation: Influence on major histocompatibility complex antigen expression and graft adaptation. *Transplant Proc* 1988; 20 (3, suppl 3): 1081-1090.

5. Gassel HJ, Engemann R, Tellides G, Morris PJ. Long-term acceptance of allogeneic rat liver grafts after temporary treatment with anti-interleukin 2 receptor monoclonal antibody. *Langenbecks Arch Chir* 1988; 373 (suppl 1): 363-366.

6. Tellides G, Dallman MJ, Morris PJ. Characterization and immunosuppressive efficacy of monoclonal antibodies to seven lymphocyte activation antigens. *Surg Forum* 1988; 39: 355-358.

7. Gassel HJ, Hutchinson IV, Tellides G, Knoop M, Hackmann J, Engemann R, Morris PJ. Phenotypic characterization of T-suppressor lymphocytes induced by orthotopic rat liver transplantation. *Transplant Proc* 1989; 21 (1): 429-430.

8. Tellides G, Dallman MJ, Morris PJ. Mechanism of action of interleukin-2 receptor (IL-2R) monoclonal antibody (MAb) therapy: Target cell depletion or inhibition of function? *Transplant Proc* 1989; 21 (1): 997-998.

9. Touloukian RJ, Tellides G. Retrosternal ileocolic esophageal replacement in children revisited: Antireflux role of the ileocecal valve. *J Thorac Cardiovasc Surg* 1994; 107 (4): 1067-1072.

10. Tellides G, Maragh MR, Smith JM, Kopf GS, Ezekowitz M, Remetz M, Elefteriades JA. Minimally invasive coronary artery bypass grafting: Initial Connecticut experience. *Conn Med* 1997; 61 (3): 135-141.

11. Mehta ID, Weinberg J, Jones MF, Tellides G, Kopf GS, Shaw RK, Zaret BL, Elefteriades JA. Should angiographically disease-free saphenous vein grafts be replaced at the time of redo coronary artery bypass grafting? *Ann Thorac Surg* 1998; 65 (1): 17-22.

12. Tellides G, Ugurlu BS, Kim RW, Hammond GL. Pathogenesis of systemic air embolism during bronchoscopic Nd:YAG laser surgery. *Ann Thorac Surg* 1998; 65 (4): 930-934.

13. Pober JS, Schechner JS, Murray AG, Sultan P, Kirkiles N, Tereb D, Wilson J, McNiff JM, Askenase PW, Tellides G, Lorber MI. Allogeneic and xenogeneic vascular injury and protection. *Transplant Proc* 1998; 30 (8): 4168-4169.

14. Moinuddeen K, Quin J, Shaw R, Dewar M, Tellides G, Kopf G, Elefteriades J. Anticoagulation is unnecessary after biological aortic valve replacement. *Circulation* 1998; 98 (19 Suppl): II 95-99.

15. Lorber MI, Wilson JH, Robert ME, Schechner JS, Kirkiles N, Qian HY, Askenase PW, Tellides G, Pober JS. Human allogeneic vascular rejection after arterial transplantation and peripheral lymphoid reconstitution in severe combined immunodeficient mice. *Transplantation* 1999; 67 (6): 897-903.

16. Elefteriades JA, Lovoulos CJ, Coady MA, Tellides G, Kopf GS, Rizzo JA. Management of descending aortic dissection. *Ann Thorac Surg* 1999; 67 (6): 2002-2005.

17. Tellides G, Tereb DA, Kirkiles-Smith NC, Kim RW, Wilson JH, Schechner JS, Lorber MI, Pober JS. Interferon- γ elicits arteriosclerosis in the absence of leukocytes. *Nature* 2000; 403 (6766): 207-211.

18. Elefteriades JA, Lovoulos CJ, Tellides G, Goldstein LJ, Rocco EJ, Condos SG, Kopf GS. Right ventricle-sparing heart transplant: Promising new technique for recipients with pulmonary hypertension. *Ann Thorac Surg* 2000; 69 (6): 1858-1863.

19. Kirkiles-Smith NC, Tereb DA, Kim RW, McNiff JM, Schechner JS, Lorber MI, Pober JS, Tellides G. Human TNF can induce nonspecific inflammatory and human immune-mediated microvascular injury of pig skin xenografts in immunodeficient mouse hosts. *J Immunol* 2000; 164 (12): 6601-6609.

20. Schechner JS, Nath AK, Zheng L, Kluger MS, Hughes CCW, Sierra-Honigmann MR, Lorber MI, Tellides G, Kashgarian M, Bothwell ALM, Pober JS. *In vivo* formation of complex microvessels lined by human endothelial cells in an immunodeficient mouse. *Proc Natl Acad Sci USA* 2000; 97 (16): 9191-9196.

21. Kim RW, Ugurlu BS, Tereb DA, Wackers FJTh, Tellides G, Elefteriades JA. Effect of left ventricular volume on results of coronary artery bypass grafting. *Am J Cardiol* 2000; 86 (11): 1261-1264.

22. Tereb DA, Kirkiles-Smith NC, Kim RW, Wang Y, Lorber MI, Pober JS, Tellides G. Unsensitized human T cells do not infiltrate or injure quiescent pig coronary artery grafts in immunodeficient mouse hosts. *Transplant Proc* 2001; 33 (1-2): 695-696.

23. Kirkiles-Smith NC, Tereb DA, Kim RW, McNiff JM, Schechner JS, Lorber MI, Pober JS, Tellides G. Endothelial cell activation by tumor necrosis factor elicits human anti-porcine cell-mediated rejection responses. *Transplant Proc* 2001; 33 (1-2): 412-413.

24. Kim RW, Mariconda DC, Tellides G, Kopf GS, Dewar ML, Lin Z, Elefteriades JA. Single-clamp technique does not protect against cerebrovascular accident in coronary artery bypass grafting. *Eur J Cardiothorac Surg* 2001; 20 (1): 127-132.

25. Tereb DA, Kirkiles-Smith NC, Kim RW, Wang Y, Rudic RD, Schechner JS, Lorber MI, Bothwell ALM, Pober JS, Tellides G. Human T cells infiltrate and injure pig coronary artery grafts with activated but not quiescent endothelium in immunodeficient mouse hosts. *Transplantation* 2001; 71 (11): 1622-1630.

26. Pober JS, Bothwell AL, Lorber MI, McNiff JM, Schechner JS, Tellides G. Immunopathology of human T cell responses to skin, artery and endothelial cell grafts in the human peripheral blood lymphocyte/severe combined immunodeficient mouse. *Springer Semin Immunopathol* 2003; 25 (2): 167-180.

27. Schechner JS, Crane SK, Wang F, Szeglin AM, Tellides G, Lorber MI, Bothwell AL, Pober JS. Engraftment of a vascularized human skin equivalent. *FASEB J* 2003; 17: 2250-2256.

28. Dai Z, Li Q, Wang Y, Gao G, Diggs LS, Tellides G, Lakkis FG. CD4(+)CD25(+) regulatory T cells suppress allograft rejection mediated by memory CD8(+) T cells via a CD30-dependent mechanism. *J Clin Invest* 2004; 113: 310-7.

29. Wang Y, Burns WR, Tang PCY, Yi T, Schechner JS, Zerwes HG, Sessa WC, Lorber MI, Pober JS, Tellides G. Interferon-γ plays a non-redundant role in mediating T cell-dependent outward vascular remodeling of allogeneic human coronary arteries. *FASEB J* 2004; 18: 606-608.

30. Rothermel AL, Wang Y, Schechner J, Mook-Kanamori B, Aird WC, Pober JS, Tellides G, Johnson DR. Endothelial cells present antigens in vivo. *BMC Immunology* 2004; 5:5.

31. Koh KP, Wang Y, Yi T, Shiao SL, Lorber MI, Sessa WC, Tellides G, Pober JS. T cell-mediated vascular dysfunction of human allografts results from IFN-gamma dysregulation of NO synthase. *J Clin Invest*. 2004; 114(6): 846-56.

32. Li Q, Wang Y, Yi T, Chalasani G, Dai Z, Lorber MI, Tellides G, Lakkis FG. Technique for retransplanting heterotopic heart grafts in mice. *Microsurgery*. 2004; Sep 17 [Epub ahead of print] DOI: 10.1002/micr.20065.

Case Reports, Technical Notes, Letters:

1. Salami S, Tellides G, Ramahi TM, Rosenfeld L, Batsford WP, Milstein PS, Elefteriades JA. Reduction ventriculoplasty for the cardiomyopathic heart: A case report. *Conn Med* 1997; 61 (3): 131-134.

Editorials, Reviews, Chapters, Books:

1. Tellides G. *Immunosuppression with monoclonal antibodies to rat lymphocyte activation antigens*. University of Oxford, D. Phil. Thesis, 1988.

2. Darr UM, Tellides G. Techniques of skin, renal, and vascular transplantation in the rat. In Timmermann W, Gassel H-J, Ulrichs K, Zhong R, Thiede A (Eds), *Organ Transplantation in Rats and Mice: Microsurgical Techniques and Immunological Principles*, Springer, Berlin, 1998, pp 73-81.

3. Tellides G, Kirkiles NC, Tereb DA, Schechner JS, Wilson JH, Lorber MI, Pober JS. Transplantation models in human/mouse chimeras. In Timmermann W, Gassel H-J, Ulrichs K, Zhong R, Thiede A (Eds), *Organ Transplantation in Rats and Mice: Microsurgical Techniques and Immunological Principles*, Springer, Berlin, 1998, pp 615-626.

4. Elefteriades JA, Tellides G, Samady H, Yepremyan M, Darr U, Wackers FJTh, Zaret B. Coronary artery bypass for advanced left ventricular dysfunction. In Masters RG (Ed), *Surgical Options for the Treatment of Heart Failure*, Kluwer, Dordrecht, 1999, pp 15-31.

5. Min W, Tellides G. Adventitial ex vivo gene transfer with autologous vascular smooth muscle cells: a superior approach for delivery of therapeutics into the arterial wall? *J Mol Cell Cardiol* 2004; 36: 319-322.

Abstracts:

1. Morris PJ, Madsen JC, Wood KJ, Tellides G, Dallman MJ. Monoclonal antibodies and the suppression of rejection in experimental models of organ transplantation. *Eur Surg Res* 1988; 20(1): 94.

2. Tellides G, Dallman MJ, Morris PJ. NDS 61, a new monoclonal antibody to the rat interleukin-2 receptor (IL-2 R) induces long-term allograft survival. *Br J Surg* 1987; 74(12): 1145-1146.

3. Gassel HJ, Tellides G, Engemann R. Immunosuppression mit monoklonalem anti-interleukin 2-rezeptor-antikörper (IL 2-R) nach orthotoper, allogener rattenleber-transplantation. *Z Gastroenterologie* 1988; 26(1): 21-22.

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