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Military Service: United States Army, 1953-1955

Education: B.Sc. 1958 Denison University, Granville, Ohio
M.D. 1962 McGill University, Faculty of Medicine
Montreal, Canada

Employment:

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| July 1962-June 1963 | Intern in Surgery Royal Victoria Hospital |
| July 1963-June 1965 | Resident in Surgery Massachusetts General Hospital |
| July 1965-June 1966 | Clinical/Research Fellow in Surgery Massachusetts General Hospital |
| July 1966-Dec. 1968 | Resident in Surgery Massachusetts General Hospital |
| July 1968-Dec. 1968 | South Hampton Chest Hospital |
| Jan. 1969-June 1972 | Assistant Professor of Surgery Yale University School of Medicine |
| July 1972-June 1979 | Associate Professor of Surgery Yale University School of Medicine |
| July 1979-present | Professor of Surgery Yale University School of Medicine |
| 1981-1982 | Visiting Research Scientist Department of Biochemistry (Hormone Research Laboratory) University of California, San Francisco |
| 1996-1997 | Visiting Research Scientist Section of Immunobiology Yale University School of Medicine |

Hospital and University Appointments:

Attending Surgeon, Yale-New Haven Hospital, 1969-present
Attending Surgeon, West Haven VA Medical Center, 1969-1987, 1994-present
Member, Yale Cancer Center, 1993 – present

Licensure: 1962 New York (Inactive)
1963 Massachusetts (Inactive)

1969 Connecticut

- Honors: Established Investigator, American Heart Association, 1972-1976
Master of Arts (Hon.), Yale University 1979
- Fellowships: U.S. Public Health Service Fellowship (MGH), 1965-1966
- Certification: American Board of Surgery, 1970
American Board of Thoracic Surgery, 1971
- Associations: American Association for Thoracic Surgery
American College of Surgeons
American Heart Association. Fellow, Council on Cardiovascular Surgery
American Society for Biochemistry and Molecular Biology
American Surgical Association
Association for Academic Surgery
European Association for Cardio-Thoracic Surgery
International Society for Heart and Lung Transplantation
International Society for Heart Research
New England Surgical Society
Society of Thoracic Surgeons
Society of University Surgeons
Society for Vascular Surgery
The Transplantation Society

Visiting Professor:

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| Brown University-Miriam Hospital, Providence, RI | 1989 |
| North Carolina State University-Dept of Veterinary Medicine, Raleigh, NC | 1991 |
| North Carolina State University-Dept of Veterinary Medicine, Raleigh, NC | 1992 |
| University of Cincinnati-Good Samaritan Hospital, Cincinnati, OH | 1992 |
| MGH—Biotransplant, Charlestown, MA | 1995 |
| Russian Medical Military Academy, St. Petersburg, Russia | 1995 |
| Baylor College of Medicine, Houston TX | 1996 |
| Istanbul School of Medicine Teaching Hospital, Univ. of Istanbul, Istanbul, Turkey | 1997 |
| 10 th International Conference on Isozymes, Markert Memorial, Chinese Academy of Science, Beijing, China | 1999 |
| University of Vermont, Nash lecture, Burlington, VT | 2002 |
| North Caroline State University, Xenograft conference, Raleigh, NC | 2002 |
| PPL, Blacksburg, VA | 2002 |

Examining Boards:

National Board of Medical Examiners 1987-1990

Research Funding:

American Heart Association, "Coronary Microcirculation Flow Patterns",
1966-1969 - \$90,000 (\$30,000/yr.)

John A. Hartford Foundation Grant No. 9242-41-55737, "Flow Reversal in
Coronary Microcirculation Flow Patterns", 1970-1974 - \$400,000
(\$100,000/yr.)

American Heart Association, Established Investigator Fellowship
1972-1976 - \$100,000 (\$25,000/yr.)

Fannie E. Rippel Foundation Research Grant No. 6700-41-580-48,
"Initiating Factors for Cardiac Hypertrophy", 7/15/70-6/30/73 -
\$150,000 (\$50,000/yr.)

Fannie E. Rippel Foundation Equipment Grant. 1977 - \$18,200.

Research Funding (cont.):

NIH RO1 HL 22244, "Cardiopulmonary Bypass and the Vascular Endothelium"
4/1/77-3/31/83 - \$297,264 (\$99,088/yr.)

NIH, "Coronary Artery Surgery Study" (CASS) with Lawrence Cohen,
1979-1984 - \$375,000 (\$75,000/yr.)

NIH RO1 HL 19182-05, "Pulmonary Regulation of Vasoactive Hormones" 1980-83 -
\$270,000 (\$90,000/yr.)

NIH RO1 HL25411-06, "Molecular Stimulus for Organ Hypertrophy"
12/1/82-11/30/88 - \$197,951 (\$66,000/yr.)

NIH RO1 HL0272-07, "Early Detection of Lung Injury in Surgical Patients"
9/1/82-8/31/85 - \$217,038 (\$72,346/yr.)

NIH HL35547-01, "Alterations and Renovations to Establish NHLBI Shared
Research Facilities" 7/1/88-6/30/89 - \$329,933. Shared with
Bernard Forget, M.D.

Fannie E. Rippel Foundation. Matching funds for NIH Grant HL 35547-01,
"Alterations and Renovations to Establish NHLBI Shared Research Facilities"
1988-1989 - \$209,000.

Robert Leet & Clara Guthrie Patterson Trust, "Regulation of Cardiac Stress
Response" 7/1/86-6/30/90 - \$132,520 (\$44,173/yr.).

Fannie E. Rippel Foundation, "Suppression of the Class I & II Major
Histocompatibility (MHC) Gene Products", 9/1/89-8/31/92 -
\$302,535 (\$100,845/yr.)

Fannie E. Rippel Foundation, "Cloning and Sequencing of MHC Repressor
Genes", 7/1/92-6/30/95 - \$424,998 (\$141,666/yr.)

Current Research Funding:

Bugher Foundation, "Genetic Methods to Effect Xenograft Transplantation"
9/4/90-12/31/02 - \$137,500.

Fannie E. Rippel Fund. Laboratory technician support.
7/1/00-6/30/03 - \$183,540 (\$61,180/yr.)

NIH Study Sections:

NHLBI Research Training Review Committee, Cardiovascular Training
Grants, 1993
Special Emphasis Review Committee, Cardiopulmonary Research and
Training Grants, National Heart, Lung and Blood Institute 1997-2003

Editorial Boards:

Thoracic and Cardiovascular Surgery; Fourth Edition, Appleton-Century Crofts, 1982.
Thoracic and Cardiovascular Surgery: Fifth Edition, Appleton & Lange, 1990.
Glenn's Thoracic and Cardiovascular Surgery: Sixth Edition, Appleton & Lange, 1996.
Gene Families: Studies of DNA, RNA, Enzymes, and Proteins. New Jersey: World Scientific.

PUBLICATIONS:

Original articles

1. Hammond GL and MacLean LD: Tracheotome tracheostomy. Surg Gynecol & Obstet 118:1325-1327, 1964.
2. Hammond GL, Provan JL and Austen WG: Experimental evaluation of myocardial revascularization procedures. Ann Surg 164:951-958, 1966.
3. Provan JL, Hammond GL and Austen WG: Flowmeter studies of internal mammary artery function after implantation into the left ventricular myocardium. J Thorac Cardiovasc Surg 52:820-832, 1966.
4. Davies AL, Hammond GL and Austen WG: Direct coronary artery surgery employing retrograde perfusion of the coronary sinus. J Thorac Cardiovasc Surg 54:848-855, 1967.
5. Davies AL, Hammond GL and Austen WG: A new approach to rapid coronary anastomosis: Only graft without intimal approximation. Surg Forum 55:284-287, 1967.
6. Hammond GL and Austen WG: Drainage patterns of coronary arterial flow. Am J Physiol 212:435-440, 1967.
7. Hammond GL, Davies AL and Austen WG: Retrograde coronary sinus perfusion: A method of myocardial protection in the dog during left coronary artery occlusion. Ann Surg 166:39-47, 1967.
8. McLaughlin ED, Hammond GL and Austen WG: Small bowel blood flow in vivo and in vitro. Am J Surg 113:124-130, 1967.
9. Davies AL, Hammond GL and Austen WG: A new approach to rapid coronary anastomosis: Only graft without intimal approximation. J Thorac Cardiovasc Surg 55:284-287, 1968.
10. Juca ER, Hammond GL and Austen WG: Experimental evaluation of various forms of posterior myocardial implants. Surg Forum 19:164-166, 1968.
11. Suma K, Hammond GL, Buckley MJ and Austen WG: Hemodynamic studies of short-term and long-term internal mammary artery implants. Ann Thorac Surg 7:13-20, 1969.
12. Austen WG and Hammond GL: Surgical correction of non-dissecting aneurysms of the thoracic aorta. The Heart Bulletin 18:36-39, 1969.
13. Austen WG, Davies AL and Hammond GL: A new approach to direct left coronary artery surgery. Bulletin de la Societe Internationale de Chirurgie, 28:235-240, 1969.

14. Hammond GL, Juca ER and Austen WG: The nature of intercoronary arterial flow in the normal heart. *Am Heart J* 78:559-568, 1969.
15. Suma K, Buckley MJ, Hammond GL and Austen WG: Effects of pressure difference on internal mammary artery implant flow. *J Thorac Cardiovasc Surg* 58:282-287, 1969.
16. Kabemba JM and Hammond GL: Methods for selective removal of intima in diseased arteries. *Surg Forum* 21:182-183, 1970.
17. Hammond GL, Austen WG and McMillan I: Myocardial tunneling instrument. *J Thorac Cardiovasc Surg* 59:759-760, 1970.
18. Hammond GL and Juca ER: Posterior myocardial revascularization performed experimentally with vein graft, artery graft, and internal mammary artery implant. *J Surg Research* 10:321-325, 1970.
19. Suma K, Hammond GL, Buckley MJ and Austen WG: Drainage patterns of internal mammary artery implant flow and the effect of implant clamping on coronary sinus flow. *Ann Thorac Surg* 10:462-467, 1970.
20. Hammond GL and McMillan I: Combining direct coronary artery surgery with internal mammary artery implants. *Thorax* 25:301-303, 1970.
21. Goodyer AVN, Hammond GL, Gross CC and Kabemba JM: Myocardial production of pyruvate in hemorrhagic shock: The role of systemic vs. coronary hypotension. *J Surg Res* 11:501-505, 1971.
22. Hammond GL and Moggio RA: The function of microvascular pathways in the coronary circulation. *Am J Physiol* 220:1463-1467, 1971.
23. Kabemba JM and Hammond GL: The fate of internal mammary arteries implanted in the normal heart with subsequent development of ischemia. *Current Topics in Surg Res* 3:29-37, 1971.
24. Moggio RA, Kabemba JM and Hammond GL: Coronary ventricular lumen blood exchange demonstrated by ⁵¹Cr-labeled erythrocytes. *Am J Physiol* 221:955-960, 1971.
25. Lewis J and Hammond GL: Physiologic consequences of infarctectomy. *Surg Forum* 22:145-146, 1971.
26. Hammond GL and Kabemba JM: Chemical degradation of intima from normal canine and atherosclerotic human vessels. *J Surg Res* 12:313-317, 1972.
27. Gillis CN, Green NM, Cronau LH and Hammond GL: Pulmonary extraction of 5-hydroxytryptamine and norepinephrine before and after cardiopulmonary bypass in man. *Circ Res* 30:666-674, 1972.
28. Hammond GL and Poirier RA: Early and late results of direct coronary reconstructive surgery for angina. *J Thorac Cardiovasc Surg* 65:127-133, 1973.
29. Mayer JA and Hammond GL: Dipyridamole and aspirin tested against an experimental model of thrombosis. *Ann Surg* 178:108-112, 1973.
30. Kabemba JM, Mayer JE and Hammond GL: Experimental arterial thrombosis formation in vivo by proteolytic enzyme perfusion and the role of elastin layer. *Surgery* 73:438-443, 1973.

31. Kisslo J, Wolfson S, Ross A, Pasternak R, Hammond GL and Cohen LS: Ultrasound assessment of left ventricular function following aorto-coronary saphenous vein bypass grafting. *Circulation (Suppl III)* 42 & 43:156-161, 1973.
32. Loisanche DY and Hammond GL: La perfusion myocardique au cours de la reaction hypermique. *Annales de Chirurgie Cardio Vasculaire*. 12(2):205-209, 1973. Paris, France.
33. Hammond GL, Cronau GH, Gillis CN and Green NM: Altered pulmonary extraction of 5-hydroxytryptamine and norepinephrine in man. *Surg Forum* 43:237-238, 1973.
34. Moggio RA and Hammond GL: Direct measurement of subepicardial blood flow. *Surg Forum* 43:208-210, 1973.
35. Fernandes D, Rosenthal JE, Cohen LS, Hammond GL and Wolfson S: Alcohol induced Prinzmetal's angina. *Am J Cardiol* 32:238-239, 1973.
36. Lewis JW and Hammond GL: Changes in left ventricular function following myocardial infarctectomy. *Ann Surg* 179:434-439, 1974.
37. Hammond GL and Poulain H: Pulmonary support using veno-venous bypass and a biologic oxygenator. *Thorax* 29:121-124, 1974.
38. Hammond GL and Poirier RA: Surgical management of the intermediate coronary syndrome. *Cardiovasc Dis, Bull Texas Heart Inst* 1(5):418-424, 1974.
39. Gillis CN, Cronau LH, Green NM and Hammond GL: Removal of 5-hydroxytryptamine and norepinephrine from the pulmonary vascular space of man: Influence of cardiopulmonary bypass and pulmonary arterial pressure on these processes. *Surgery* 76:608-616, 1974.
40. Hammond GL and Poirier RA: Surgical management for acute coronary insufficiency with three years' follow-up. *J Thorac Cardiovasc Surg* 69:625-630, 1975.
41. Moggio RA and Hammond GL: Distribution of myocardial blood flow measured by hydrogen polarography. *Ann Surg* 183:282-288, 1976.
42. Hammond GL and Bowley WW: Bubble mechanics and oxygen transfer. *J Thorac Cardiovasc Surg* 71:422-428, 1976.
43. Hammond GL, Nadal-Ginard B, Talner NS and Markert CL: Myocardial LDH isozyme distribution in the ischemic and hypoxic heart. *Circulation* 53:637-643, 1976.
44. Gillis CN, Cronau LH, Mandel SD, Kerstein MD and Hammond GL: Removal of circulating vasoactive hormones by the lung. *Chest* 71(Suppl 2):292-293, 1977.
45. Ross AM, Hammond GL, Cohen LS and Wolfson S: Angiographic evaluation of saphenous vein bypass grafts: Artefactual "occlusion" caused by sources of flow. *Am J Cardiol* 39:384-389, 1977.
46. Hammond GL, Cronau LH, Whittaker D and Gillis CN: Fate of prostaglandins E₁ and A₁ in the human pulmonary circulation. *Surgery* 81:716-722, 1977.
47. Langou RA, Wiles JC, Peduzzi PN, Hammond GL and Cohen LS: Incidence and mortality of perioperative myocardial infarction in patients undergoing coronary artery bypass grafting. *Circulation* 56:II54-II58, 1977.

48. Wiles JC, Peduzzi PN, Hammond GL, Cohen LS, Langou RA: Preoperative predictors of operative mortality for coronary bypass grafting in patients with unstable angina pectoris. *Am J Cardiol* 39:939-943, 1977.
49. Beckman CB, Geha AS, Hammond GL and Baue AE: Results and complications of intra-aortic balloon counterpulsation. *Ann Thorac Surg* 24:550-559, 1977.
50. Bowley WW and Hammond GL: Controlling factors for oxygen transfer through bubbles. *I&EC Process Design and Development. J Am Chem Soc* 17:2-8, 1978.
51. Moggio RA, Hammond GL, Stansel HC and Glenn WWL: Incidence of emboli with cloth-covered Starr-Edwards valve without anticoagulation and with varying forms of anticoagulation - Analysis of 183 patients followed for 3 1/2 years. *J Thorac Cardiovasc Surg* 75:296-299, 1978.
52. Wolfson S, Karsh DL, Langou RA, Geha AS, Hammond GL and Cohen LS: Modification of intraaortic balloon catheter to permit introduction by cardiac catheterization techniques. *Am J Cardiol* 41:733-738, 1978.
53. Tabry I, Geha AS, Hammond GL and Baue AE: Effect of surgery on ventricular tachyarrhythmias associated with coronary arterial occlusive disease. *Circulation* 58(Suppl I):166-170, 1978.
54. Langou RA, Geha AS, Hammond GL and Cohen LS: Surgical approach for patients with unstable angina pectoris: Role of the response to initial medical therapy and intraaortic balloon pumping in perioperative complications after aorto-coronary bypass grafting. *Am J Cardiol* 42:629-633, 1978.
55. Reduto LA, Berger HJ, Geha AS, Hammond GL, Cohen LS, Gottschalk A and Zaret BL: Radionuclide assessment of ventricular performance during propranolol withdrawal prior to aorta-coronary bypass surgery. *Am Heart J* 96:714-722, 1978.
56. Gillis CN, Cronau LH, Mandel S and Hammond GL: Indicator dilution measurement of 5-hydroxytryptamine clearance by human lung. *J Appl Phys* 46:1178-1183, 1979.
57. Hammond GL, Wieben E and Markert CL: Molecular signals for initiating protein synthesis in organ hypertrophy. *Proc Natl Acad Sci* 76:2455-2459, 1979.
58. Lundell DC, Laks H, Geha AS, Khachane VB and Hammond GL: The importance of myocardial protection in combined aortic valve replacement and myocardial revascularization. *Ann Thorac Surg* 28:501-508, 1979.
59. Tahan S, Geha AS, Hammond GL, Cohen LS and Langou RA: Bypass surgery for left main coronary artery disease: Reduced perioperative myocardial infarction with preoperative intraaortic balloon counterpulsation. *Br Heart J* 43:191-198, 1980.
60. Laks H and Hammond GL: A cosmetically acceptable incision for the median sternotomy. *J Thorac Cardiovasc Surg* 79:146-149, 1980.
61. Swartz KR, Hammond GL and Tilson MD: Early suppression of RNA synthesis *in vitro* in compensatory hypertrophy of the kidney. *Surg Forum* 31:600-601, 1980.
62. Ofori-Kraky SK, Tyberg TI, Geha AS, Hammond GL, Cohen LS and Langou RA: Late cardiac tamponade after open heart surgery: Incidence, role of anticoagulants in its pathogenesis and its relationship to the postpericardiotomy syndrome. *Circulation* 63:1323-1328, 1981.
63. Barash PG, Nardi D, Hammond GL, Smith WG, Capuano D, Laks H, Kopriva CJ, Baue AE and Geha AS: Catheter-induced pulmonary artery perforation: Mechanisms, management and modifications. *J Thorac Cardiovasc Surg* 82:5-12, 1981.

64. Laks H, Hammond GL and Geha AS: Use of silicone rubber as a pericardial substitute to facilitate reoperation in cardiac surgery. *J Thorac Cardiovasc Surg* 82:88-92, 1981.
65. Lundell DC, Hammond GL, Geha AS, Laks H and Wolfson S: Randomized comparison of the modified wire-guided and standard intra-aortic balloon catheters. *J Thorac Cardiovasc Surg* 81:297-301, 1981.
66. Berger RL, Davis KB, Kaiser GC, Foster ED, Hammond GL, Tong TGL and Kennedy W: Preservation of the myocardium during coronary artery bypass grafting. *Circulation (Suppl II)* 64:61-66, 1981.
67. Geha AS, Holter AR, Laks H and Hammond GL: Dysfunction and thromboembolism associated with cardiac valve xenografts in adults. *Circulation (Suppl II)* 6:172-177, 1981.
68. Pitt BR, Gillis CN and Hammond GL: Influence of the lung on arterial levels of endogenous prostaglandins E and F. *J Appl Physiol* 50:1161-1167, 1981.
69. Kay HR, Barash P, Hammond GL, Geha AE, Kopriva C and Laks H: Myocardial recovery: Perfusion of the fibrillating heart vs. cold chemical cardioplegia. *J. Surg Res* 30:515-521, 1981.
70. Davies RA, Laks H, Wackers FJ, Berger HL, Williams B, Hammond GL, Geha AS, Gottschalk A and Zaret BL: Radionuclide assessment of left ventricular function and perfusion in patients requiring intraaortic balloon pump for weaning from cardiopulmonary bypass. *Ann Thorac Surg* 33:123-131, 1982.
71. Flink JR, Pitt BR, Hammond GL and Gillis CN: Selective effect of microembolization on pulmonary removal of biogenic amines. *J Appl Physiol* 52:421-429, 1982.
72. Gewitz M, Pitt BR, Laks H, Hammond GL, Talner NS and Gillis CN: Reversible changes in norepinephrine extraction by lungs in children with pulmonary hypertension. *Ped Pharm* 2:57-63, 1982.
73. Geha AS, Hammond GL, Laks H, Stansel HC and Glenn WWL: Factors affecting performance and thromboembolism after porcine xenograft cardiac valve replacement. *J Thorac Cardiovasc Surg* 83:377-384, 1982.
74. Kopf GS, Meshkov A, Hammond GL, Laks H and Geha AS: Changing patterns in the surgical management of ventricular septal rupture after myocardial infarction. *Am J Surg* 143:465-472, 1982.
75. Pitt BR, Hammond GL and Gillis CN: Depressed pulmonary removal of ³H-prostaglandin E₁ after prolonged cardiopulmonary bypass. *J Appl Phys* 52:887-892, 1982.
76. Hammond GL, Lai YK and Markert CL: Diverse forms of stress lead to new patterns of gene expression through a common and essential metabolic pathway. *Proc Natl Acad Sci* 79:3485-3488, 1982.
77. Pitt BR, Hammond GL and Gillis CN: Comparison of pulmonary and extrapulmonary extraction of biogenic amines. *J Appl Phy* 52:1545-1551, 1982.
78. Hammond GL, Lai YK and Markert CL: The molecules that initiate cardiac hypertrophy are not species specific. *Science* 216:529-531, 1982.

79. Hammond GL, Chung D and Li CH: Isolation and characterization of delta-melanotropin, a new peptide from bovine pituitary glands. *Biochem Biophys Res Comm* 108:118-123, 1982.
80. Giles RW, Berger HJ, Barash P, Taradbaker S, Marx P, Hammond GL, Geha AS, Laks H and Zaret BL: Continuous monitoring of left ventricular performance with the computerized nuclear probe during laryngoscopy and intubation prior to coronary artery bypass surgery. *Am J Cardiol* 50:735-741, 1982.
81. Stavens B, Hashim SW, Hammond GL, Stansel HC, Gatehouse J, Kopf GS, and Geha AS: Optimal methods of repair of descending thoracic aortic transections and aneurysms. *Am J Surg* 145:508-513, 1983.
82. Hammond GL, Chung D and Li CH: Isolation of melanotropins and vasopressin from neuro-intermediate lobes of bovine pituitary glands. A simplified procedure. *Int J Peptide Protein Res* 22:161-163, 1983.
83. CASS Principal Investigators: Coronary Artery Surgery Study (CASS). A randomized trial of coronary artery bypass surgery. Survival data. *Circulation* 68:939-950, 1983.
84. CASS Principal Investigators: Coronary Artery Surgery Study (CASS): A randomized trial of coronary artery bypass surgery. Quality of life in patients randomly assigned to treatment groups. *Circulation* 68:951-960, 1983.
85. Geha AS, Francis CK, Hammond GL, Laks H, Kopf GS and Hashim SW: Combined valve replacement and myocardial revascularization. *J Vasc Surg* 1:27-35, 1984.
86. CASS Principal Investigators: Coronary Artery Surgery Study (CASS). A randomized trial of coronary artery bypass surgery. Comparability of entry characteristics and survival in randomized patients and nonrandomized patients meeting randomization criteria. *J Am Coll Cardiol* 3:114-128, 1984.
87. CASS Principal Investigators: Myocardial infarction and mortality in the coronary artery surgery study (CASS) randomized trial. *New Eng J Med* 310:750-758, 1984.
88. Hashim SW, Kay HJ, Hammond GL and Geha AS: Noncardiogenic pulmonary edema after cardiopulmonary bypass: An anaphylactic reaction to fresh frozen plasma. *Am J Surg* 17:560-64, 1984.
89. Pitt BR, Gillis CN and Hammond GL: Depression of pulmonary metabolic function by cardiopulmonary bypass procedures increases levels of circulating norepinephrine. *Ann Thorac Surg* 38:508-513, 1984.
90. Hashim SW, Hammond GL, Condos SG, Kopf GS and Geha AS: A safer method of cardioplegia delivery in aortic valve surgery. *Surg Forum* 35:286-287, 1984.
91. Hammond GL, Lai YK and Markert CL: Preliminary characterization of molecules that increase cell free translational activity of cardiac cytoplasmic RNA. Symposium on Biology of Cardiac Overload. *Eur Heart J* 5(Suppl F):225-229, 1984.
92. Kopf GS, Hume AL, Durkin MA, Hammond GL, Hashim SW and Geha AS: Measurement of central somatosensory conduction time in patients undergoing cardiopulmonary bypass: An index of neurological function. *Am J Surg* 149:445-448, 1985.
93. Gertler J, Elefteriades JA, Kopf GS, Hashim SW, Hammond GL and Geha AS: Predictors of outcome following early and delayed revascularization for acute myocardial infarction. *Am J Surg* 149:441-444, 1985.

94. Brush JE, Cabin HS, Wohlgelerntner D, Hammond GL and Cohen LS: Ventricular septal rupture following a clinically unrecognized myocardial infarction. *Am Heart J* 110:667-670, 1985.
95. Lai YK, Havre PA and Hammond GL: Heat shock stress initiates simultaneous transcriptional and translational changes in the dog heart. *Biochem Biophys Res Comm* 134:166-171, 1986.
96. Lai YK, Havre PA and Hammond GL: Cardiac hypertrophy cannot proceed without initial suppression of protein synthesis. *Biochem Biophys Res Comm* 135:857-863, 1986.
97. Hammond GL, Gillis CN and Pitt B: Pulmonary metabolic function can serve as a monitor for lung preservation. *J Heart Transpl* 5:23-28, 1986.
98. Gillis CN, Pitt BR, Wiedemann HP and Hammond GL: Depressed prostaglandin E₁ and 5-hydroxytryptamine removal in patients with adult respiratory distress syndrome. *Am Rev Respir Dis* 134:739-744, 1986.
99. Hammond GL, Geha AS, Kopf GS and Hashim SW: Biological vs. mechanical valves: Analysis of 1116 valves inserted in 1012 adult patients with a 4818 patient-year and 5327 valve year follow-up. *J Thor & Cardiovasc Surg* 93:182-98, 1987.
100. Kopf GS, Hammond GL, Geha AS, Elefteriades JA and Hashim SW: Long-term performance of the St Jude medical valve: Low incidence of thromboembolism and hemorrhagic complications on modest Coumadin dose. *Circulation* 76(III): 132-163, 1987.
101. Geha AS, Hammond GL, Stephan RN, Kleiger RK and Krone RJ: Long-term outcome of revascularization of the anterior coronary arteries with crossed double internal mammary versus saphenous vein grafts. *Surgery* 102:667-673, 1987.
102. Cambria RP, Brewster DC, Gertler JP, Moncure AC, Gusberg RJ, Tilson MD, Darling RC, Hammond GL, Megerman J and Abbott WM: Vascular complications associated with spontaneous aortic dissection. *J Vasc Surg* 7:199-209, 1988.
103. Havre PA and Hammond GL: Isolation of a translation inhibiting peptide from myocardium. *Am J Phys* 255(Part II):H1024-H1031, 1988.
104. Letsou G, Gertler J, Baker C and Hammond GL: Blunt innominate injury: A report of three cases and review of literature. *J Trauma*, 29(1):104-108, 1989.
105. Saltiel A, Kopf GS, Elefteriades J, Hammond GL, Shaffer W, Farrell D, Ponn R and Lister G: Resuscitation of cold water immersion victims with cardiopulmonary bypass. *J Crit Care* 4:54-57, 1989.
106. Vasseur B and Hammond GL: New technique for repair of ascending thoracic aortic dissections. *Ann Thorac Surg.* 47:318-319, 1989.
107. Elefteriades JA, Hammond GL, Gusberg RJ, Kopf GS and Baldwin JC: Fenestration revisited: A safe and effective procedure for descending aortic dissection. *Arch Surg*, 125:786-790, 1990.
108. Elefteriades JA, Hartleroad J, Gusberg RJ, Salazar AM, Black HR, Kopf GS, Baldwin JC and Hammond GL. Long-term experience with descending aortic dissection: The complication-specific approach. *Ann Thorac Surg*, 53:11-21, 1992.

109. Peyman JA, Nelson P, Hammond GL. HLA-DR genes are silenced in human trophoblasts and stimulation of signal transduction pathways does not circumvent interferon- γ unresponsiveness. *Transpl Proc.* 24:470-471, 1992.
110. Hammond GL and Havre PA. Placental proteins bind to the Z box region of the HLA-DR α promoter. *Transpl Proc.* 24:462-467, 1992.
111. Higgins RSD, Sanchez JA, DeGuidis L, Dewar ML, Franco KL, Kopf GS, Elefteriades JA, Hammond GL, and Baldwin JC. Mechanical circulatory support decreases neurologic complications in the treatment of traumatic injuries of the thoracic aorta. *Arch Surg* 127:516-519, 1992.
112. Letsou GV, Kopf GS, Elefteriades JA, Carter JE, Baldwin JC and Hammond GL. Is cardiopulmonary bypass effective for treatment of hypothermic arrest due to drowning or exposure? *Arch Surg.* 127:525-528, 1992.
113. Hammond GL, Franco KL and Baldwin JC. Method of single lung transplantation in the absence of a left atrial cuff. *Ann Thorac Surg.* 54:379-80, 1992.
114. Peyman JA and Hammond GL. Localization of interferon- γ receptor in first trimester placenta to trophoblasts but lack of stimulation of HLA-DRA, -DRB or invariant chain mRNA expression by interferon- γ . *J Immunol.* 149:2675-80, 1992.
115. Higgins RSD, Letsou GV, Sanchez JA, Eisen RN, Smith W, Franco KL, Hammond GL and Baldwin JC. Improved ultrastructural lung preservation with prostaglandin E1 as donor pre-treatment in a primate model of heart lung transplantation. *J Thorac Cardiovasc Surg.* 105:965-971, 1993.
116. Sanchez JA, Gusberg RJ, Hammond GL and Elefteriades JA. Pathologic confirmation of the principles of the thromboexclusion operation for descending aortic dissection. *J Vasc Surg.* 17:448-50, 1993.
117. Sanchez JA, Elefteriades JA and Hammond GL. The aortic bodice: a life-saving maneuver. *Ann Thorac Surg.* 58:252-53, 1994.
118. Braxton JH, Hammond GL, Letsou GV, Kopf GS, Elefteriades JA, Franco KL, and Baldwin JC. Optimal timing of coronary artery bypass graft surgery after acute myocardial infarction. *Circulation.* 92:(9):666-68, 1995.
119. Lai Y-K, Lee W-C, Hu C-H, Hammond GL. The mitochondria are recognition organelles of cell stress. *J Surg Res.* 62:90-94, 1996.
120. Braxton JH, Higgins RSD, Schwann TA, Sanchez JA, Dewar ML, Kopf GS, Hammond GL, Letsou GV and Elefteriades JA. Reoperative mitral valve surgery via right thoracotomy: Decreased blood loss and improved hemodynamics. *J Heart Valve Dis.* 5(2):169-73, 1996.
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