

CURRICULUM VITAE

MARC S. SUSSMAN, M.D.

OFFICE ADDRESS: Johns Hopkin Bayview Medical Center
4940 Eastern Avenue
5th floor A BLDG Surgery Administration
Baltimore, Maryland 21224

OFFICE PHONE: 410-550-4336

EDUCATION AND DEGREES:

1979	B.S. Chemistry - Massachusetts Institute of Technology
1980	B.S. Chemical Engineering, Massachusetts Institute of Technology
1984	M.D. The Johns Hopkins University School of Medicine
2003	Business of Medicine Graduate Certificate, The Johns Hopkins University

PROFESSIONAL TRAINING:

1984 - 1987	Surgical Residency, New York University Medical Center
1987 - 1989	Research Fellowship, Department of Surgery, The Johns Hopkins University School of Medicine
1989 - 1991	Surgical Residency, New York University Medical Center
1991 - 1993	Fellowship Cardiothoracic Surgery, New York University Medical Center
1993 - 2004	Assistant Professor, Cardiac Surgery, The Johns Hopkins University School of Medicine
2004	Fellowship Thoracic Surgery, Roswell Park Cancer Institute, Buffalo, NY

FACULTY APPOINTMENTS:

1993 – 2004	Assistant Professor of Surgery The Johns Hopkins University School of Medicine
1993 – 2004	Division Director of Cardiomyopathy and TMR
2004- Present	Clinical Instructor Johns Hopkins University School of Medicine

LICENSURE:

1984	State of New York
1993	State of Maryland

BOARD CERTIFICATION:

- 1992 American Board of Surgery
- 1994 American Board of Thoracic Surgery

PROFESSIONAL SOCIETIES:

- The Society of Thoracic Surgeons
- The American College of Surgeons
- Southern Thoracic Surgical Association

HONOR SOCIETIES:

- Alpha Omega Alpha

GRANTS:

- National Research Service Award
- National Institute of Diabetes and Digestive and Kidney Diseases
- #5 F32 DK07844-02 CLN-2, July 1987 - June 1989

PUBLICATIONS

1. Sussman, MS: Studies on radiation grafting of heparin to polymethylacrylate. Bachelors Thesis, Massachusetts Institute of Technology, 1980.
2. Sussman, MS, Brunner MJ, and Shoukas AA: Carotid baroreceptor reflex control of respiration. Fed Proc, abstract 6493, March 1982.
3. Brunner KJ, Sussman MS, Greene AS, Kallman CH, and Shoukas AA: Carotid sinus baroreceptor reflux control of respiration. Circ Res 51:624-636, 1982.
4. Sussman MS, Morris JB, Rosen GM, Sies H, and Bulkley GB: Superoxide generated photoemission: sensitivity and specificity of spontaneous, lucigenin and luminol-amplified chemiluminescence. Faseb Journal 2:A835, (abstract) 1988.
5. Porter JM, Sussman MS, and Bulkley GB: Vasospasm in circulatory shock. In: Marston A, Bulkley, GB, Fiddian-Green RG, and Haglund UH (Eds), Splanchnic Ischemia and Multiple Organ Failure, London, Edward Arnold, Ltd., pp 73-88, 1988.
6. Clemens M, Porter JM, Yonko T, Sussman MS, Tang WS, and Bulkley GB: Edema production in rat livers perfused with blood from shocked pigs. Circ Shock 24:259, (abstract) 1988.

7. Porter JM, Sussman MS, and Rosen GM: Cocaine-induced hepatotoxicity. *Hepatology* 8:1713, 1988.
8. Sussman MS, and Bulkley GB: Oxygen derived free radicals in reperfusion. *Methods in Enzymology*, 186:711-723, 1990.
9. Buchman TG, Cabin DE, Vickers S, Deutschman CS, Delgado E, Sussman MS, and Bulkley GB: Molecular biology of circulatory shock. Part II. Expression of four groups of hepatic genes is enhanced after resuscitation from cardiogenic shock. *Surgery* 108:559-566, 1990.
10. Sussman MS, Schiller HJ, Buchman TJ, and Bulkley GB: Oxygen free radicals. In Fry DE, Multiple System Organ Failure. St. Louis, Mosby Yearbook, pp 143-166, 1992.
11. Brock JS, Sussman MS, Wamsley M, Mintzer R, Baumann FG, and Riles TS: The influence of human immunodeficiency virus infection and intravenous drug abuse on complications of hemodialysis access surgery. *J Vasc Surg* 16:904-910, 1992.
12. Post WS, Heldman AW, Sussman MS, Ouyang P, Goldschmidt PC, and Issa JPJ: Methylation of the estrogen receptor gene in cardiovascular tissue is related to aging and atherosclerosis. *Circulation* 92:I-627, (abstract) 1995.
13. Redmond JM, Greene PS, Goldsborough MA, Cameron DE, Stuart RS, Sussman MS, Watkins L, Laschinger JC, McKhann GM, Johnston MV, and Baumgartner WA: Neurologic injury in cardiac surgical patients with a history of stroke. *Ann Thorac Surg* 61:42-7, 1996.
14. Davis EA, Greene PS, Cameron DE, Gott VL, Laschinger JC, Stuart RS, Sussman MS, Watkins L, and Baumgartner WA: Bioprosthetic versus mechanical prostheses for aortic valve replacement in the elderly. *Circulation* Vol 94(Suppl II) No. 9 pp II-121-II-125, 1996.
15. Tseng EE, Chieh AL, Cameron DE, Stuart RS, Greene PS, Sussman MS, Watkins L, Gardner TJ, and Baumgartner WA: Aortic valve replacement in the elderly: risk factors and long-term results. *Annals of Surgery*, 225:6, 1997.
16. Tseng EE, Davis EA, Kasper EK, Greene PS, Sussman MS, Stuart RS, Cameron DE, Baughman KL, and Baumgartner WA: Low incidence of late morbidity caused by atrial anatomy after standard orthotopic heart transplantation. *J Am Coll of Cardiology*, 1997.
17. Doty JR, Salazar JD, Fonger JD, Sussman MS, and Salomon NW: Minimally invasive direct coronary artery surgery (MIDCAB): Three year follow-up of 278 single graft patients. Clinical results, charges, and subsequent procedures. 1998.

18. Post WS, Goldschmidt-Clermont PJ, Wilhide CC, Heldman AW, Sussman MS, Ouyang P, Milliken EE, Issa JJ: Methylation of the estrogen receptor gene is associated with aging and atherosclerosis in the cardiovascular system. CVRA 98:0839, 1999.
19. Sussman MS: Surgical alternatives to cardiac transplantation. In: Heart and Lung Transplantation, Second Edition. WB Saunders, Philadelphia, PA, 2001. in press.
20. Chang PP, Sussman MS, Conte JV, Grega MA, Schulman SP, Gerstenblith G, Wang NY, Capriotti A, Weiss JL: Postoperative ventricular function and cardiac enzymes after on-pump versus off-pump CABG surgery. Amer J of Card 89:1107-1110, 2002.
21. Chong T, Alejo D, Greene PS, Redmond JM, Sussman MS, Gott VL, Baumgartner WA, Cameron DE: Cardiac valve replacement in HIV infected patients. Ann Thorac Surg, 76:478-81, 2003.