

Curriculum Vitae

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EDUCATION AND TRAINING

UNDERGRADUATE:

1977 – 1979	City College of New York New York, NY		
1979 – 1982	Bernard M. Baruch College New York, NY	B.A., 1982	Business Administration
1985 - 1986	Rutgers University Piscataway, NJ	Post-Baccalaureate	Pre-Medical

GRADUATE:

1987 - 1991	University of Medicine and Dentistry of New Jersey Robert Wood Johnson Medical School Piscataway, NJ	M.D., 1991	Medicine
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POSTGRADUATE:

1991 - 1992	University Health Center of Pittsburgh, Pittsburgh, PA	Internship	Surgery
1992 – 1994	University Health Center of Pittsburgh, Pittsburgh, PA	Residency	Surgery
1994 – 1996	University Health Center of Pittsburgh, Pittsburgh, PA	Research Fellowship	Surgery
1996 – 1998	University Health Center	Residency	Surgery

of Pittsburgh,
Pittsburgh, PA

1998 – 2000 Wake Forest University, Fellowship Vascular
Baptist Medical Center Surgery
Winston-Salem, NC

HONORS

1990 Alpha Omega Alpha
1991 Academic Achievement Award, UMDNJ, Robert Wood Johnson Medical School
1991 Surgical Student Research Award, Association for Academic Surgery
1995 Surgical Infection Society Surgical Research Fellowship
1996 Surgical Infection Society Best Resident Poster Award

HOSPITAL APPOINTMENTS

8/2000 – 12/2003 Chief, Division of Vascular Surgery,
Medical Director, Clinical Vascular Laboratory
Johns Hopkins Bayview Medical Center
4940 Eastern Avenue
Baltimore, MD 21224

1/2004 – 8/2005 Attending Surgeon,
Robert Packer Hospital
Guthrie Square
Sayre, PA 18840

9/2005 – present Attending Surgeon,
Yale New Haven Hospital
20 York Street
New Haven, CT 06510

CERTIFICATION AND LICENSURE

American Board of Surgery Surgery; Vascular Surgery
ARDMS RVT
Connecticut Currently licensed

MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

American College of Surgeons, Fellow
Society for Vascular Surgery

BIBLIOGRAPHY

JOURNAL ARTICLES

1. Wright C, Kedem J, Weiss H, **Wong J**, Mackenzie J, Scholz P. Relationship between adenylate cyclase activity and regional myocardial energetics in experimental left ventricular hypertrophy. *J Surg Res* 1991; 50:537-544.
2. **Wong JM**, Billiar TR. The regulation and function of inducible nitric oxide synthase during sepsis and acute inflammation. (Review) *Adv Pharmacol* 1995; 34:155-170.
3. **Wong JM**, Green AM, Tzeng E, Nussler AK, Billiar TR. Endogenous nitric oxide (NO) synthesis protects liver cells from H₂O₂-induced injury. *Surg Forum* 1995; 46:119-121.
4. de Vera ME, **Wong JM**, Zhou JY, Tzeng E, Wong HR, Billiar TR, Geller DA. Cytokine-induced nitric oxide synthase gene transcription is blocked by the heat shock response in human liver cells. *Surgery* 1996; 120:144-149.
5. **Wong JM**, Hansen KJ, Oskin TC, Craven TE, Plonk GW, Ligush JL, Dean RH. Surgery after failed percutaneous renal artery angioplasty. *Journal of Vascular Surgery* 1999; 30:468-483.
6. Motew SJ, Cherr GS, Craven TE, Travis JA, **Wong JM**, Reavis SW, Hansen KJ. Renal duplex sonography: Main renal artery versus hilar analysis. *Journal of Vascular Surgery* 2000; 32:462-471.
7. Hansen KJ, Cherr GS, Craven TE, Motew SJ, Travis JA, **Wong JM**, Levy PJ, Freedman BI, Ligush JL, Dean RH. Management of ischemic nephropathy: Dialysis-free survival after surgical repair. *Journal of Vascular Surgery* 2000; 32:472-482.
8. Travis JA, Hughes MG, **Wong JM**, Wagner WD, Geary RL. Hyaluronan enhances contraction of collagen by smooth muscle cells and adventitial fibroblasts: Role of CD44 and implications for constrictive remodeling. *Circulation Research* 2001; 88:77-83.
9. **Wong JM**, Shermak MA, Tihan T, Jones CE. A subclavian artery aneurysm in an HIV-infected patient: A case report. *Journal of Vascular Surgery* 2002; 35:1006-1009.
10. Geary RL, **Wong JM**, Rossini A, Schwartz SM, Adams LD. Expression profiling identifies 147 genes contributing to a unique primate neointimal smooth muscle cell phenotype. *Arteriosclerosis, Thrombosis and Vascular Biology* 2002; 22(12):2010-2016.
11. Shermak MA, Yee K, Wong L, Jones CE, **Wong J**. Surgical management of groin lymphatic complications after arterial bypass surgery. *Plastic and Reconstructive Surgery* 2005; 115(7):1954-1962.

ABSTRACTS

1. **Wong JM**, Hughes MG, Wagner WD, Geary RL. Hyaluronan is induced by arterial injury and promotes CD44-mediated smooth muscle cell contraction of collagen gels: potential role in restenosis. *Cardiovascular Surgery* 1999; 7:749-750.
2. Geary RL, Adams LD, **Wong JM**, Schwartz SM. Expression profiling provides clues to smooth muscle cell functional diversity. *Journal of Vascular Surgery* 2001; 33:1309-1310.
3. Tiwari S, **Wong JM**, Heller JA, Blann P, Abernethy DR, Soldatov NM: Switch of calcium

channel alpha 1c subunit splice variant to exon-21 isoform in human aorta atherosclerotic plaque. FASEB J 2003; 17:A1049.

BOOK CHAPTERS

1. **Wong JM**, Billiar TR. Chapter 19: The role of inducible nitric oxide synthase in sepsis and inflammation. In: Weir EK, Archer SL, Reeves JT (eds). Nitric Oxide and Radicals in the Pulmonary Vasculature. Futura Publishing Co, Armonk NY, 1996, pp. 311-328.
2. **Wong JM**, Hansen KJ. Chapter 18: Combined aortic and renal artery reconstruction. In: Ballard JL (ed). Aortic Surgery. Landes Bioscience, Georgetown, TX, 2000, pp. 187-197.
3. Hansen KJ, **Wong JM**. Aortorenal bypass for renovascular hypertension in adults. In: Ernst CB, Stanley JC (eds). Current Therapy in Vascular Surgery. 4th Edition. Mosby, St. Louis, MO, 2001, pp. 735-741.
4. **Wong JM**, Hansen KJ. Chapter 50: Renovascular occlusive disease – Evaluation. In: Cronenwett JL, Rutherford RB (eds). Decision Making in Vascular Surgery. 2nd Edition. Saunders, Philadelphia, PA, 2001, pp. 238-241.
5. **Wong JM**, Oskin TC, Hansen KJ. Chapter 4: Surgical revascularization of atherosclerotic renal artery disease: Results, benefits and limitations. In: Jaff MR (ed). Endovascular Therapy for Atherosclerotic Renal Artery Stenosis: Present and Future. Futura Publishing, Armonk, NY, 2001, pp. 31-53.
6. **Wong JM**, Spence RJ, Jones CE. Chapter 95: Lower extremity ulcers and varicose veins. In: Barker LR, Burton JR, Zieve PD (eds). Principles of Ambulatory Medicine. 6th Edition. Lippincott Williams & Wilkins, Philadelphia, PA, 2002, pp. 1514-1525.

PRESENTATIONS

1. In Vitro Effects of Endogenous Nitric Oxide Differ from Exogenous Nitric Oxide. Fourth International Meeting on the Biology Of Nitric Oxide; poster presentation. Amelia Island FL, September 1995.
2. Endogenous Nitric Oxide (NO) Synthesis Protects Liver Cells From H₂O₂-Induced Injury. American College of Surgeons Annual Meeting. New Orleans LA, October 1995.
3. Endogenous Nitric Oxide Prevents Tumor Necrosis Factor-Induced Apoptosis. 16th Annual Meeting of the Surgical Infection Society; poster presentation. Milwaukee WI, April 1996.
4. Surgery after Failed Percutaneous Renal Artery Angioplasty. 23rd Annual Meeting of the Southern Association for Vascular Surgery. Naples FL, January 1999.
5. Hyaluronan is Induced by Arterial Injury and Promotes Collagen Gel Contraction by Smooth Muscle Cells and Adventitial Fibroblasts: Potential Role in Post-angioplasty Remodeling and Restenosis. 1999 Lifeline Foundation Research Initiatives Conference in Vascular Disease; poster presentation. Bethesda MD, March 1999.
6. Hyaluronan is Induced by Arterial Injury and Promotes CD44-Mediated Smooth Muscle Cell Contraction of Collagen Gels: Potential Role in Restenosis. 53rd Annual Meeting of the Society

for Vascular Surgery; Scientific Program. Washington DC, June 1999.

7. A Subclavian Artery Aneurysm in an HIV-infected Patient. 15th Annual Meeting of the Eastern Vascular Society. Washington DC, May 2001.
8. Surgical and Endovascular Interventions. 17th Annual Meeting of the American Association of Cardiovascular and Pulmonary Rehabilitation: Peripheral Arterial Disease Symposium. Charlotte NC, September 2002.