

Curriculum Vitae
Mohammad H. Eslami, M.D., RVT, FACS

Prepared October 2004

PERSONAL

BUSINESS ADDRESS:

Division of Vascular Surgery
55 Lake Avenue North
Worcester, MA 01655

BUSINESS TELEPHONE:

(508) 334-0446, (508)856-8329 fax

E-mail Addresses:

eslamim@ummhc.org
Mohammad.Eslami@umassmed.edu

EDUCATION and TRAINING

	DATES	DEGREE/YR/SUBJECT
UNDERGRADUATE SCHOOL		
SUNY at Stony Brook Stony Brook, NY 11720	1983-1987	BS, summa cum laude, 1987, Chemistry

PROFESSIONAL SCHOOL

Harvard Medical School	1987-1991	MD, 1991
------------------------	-----------	----------

GRADUATE MEDICAL EDUCATION

Internship, General Surgery	University of Chicago Hospitals Chicago, IL	1991-1992
Residency, General Surgery (R2)	University of Chicago Hospitals Chicago, IL	1992-1993
Residency, General Surgery (R2-R4)	Brigham and Women's Hospital Boston, MA	1994-1997
Chief Resident, Gen Surgery	Brigham and Women's Hospital Boston, MA	1997-1998
Fellowship, Vasc Surgery	SUNY at Stony Brook Stony Brook, NY	1999-2001

POSTDOCTORAL FELLOWSHIP EXPERIENCE

Laboratory of Dr. David J. Sugarbaker, Chief, Division of Thoracic Surgery,
Brigham and Women's Hospital, 75 Francis Street, Boston, MA 02115

Mechanism of esophageal peristalsis 1993-1994

Laboratory of Dr. Michael S. Conte, Division of Thoracic Surgery, Brigham and
Women's Hospital, 75 Francis Street, Boston, MA 02115

Gene therapy in vascular system and study of monocyte adhesion in
models of vascular injury 1998-1999

LICENSURE

Massachusetts	MD	77848	1991-present
New York	MD	213899	1999-2001
Pennsylvania	MD-073431-L		2001-present

BOARD CERTIFICATION

American Board of Surgery	45183	6/2000
American Board of Surgery	101320	5/2003
Added Qualification in Vascular Surgery		

ADDED CERTIFICATION

American Registry of Diagnostic Medical Sonographers		
Registered Vascular Technologist		9/2004

ACADEMIC HONORS AND AWARDS

Lifeline Scientific Paper Award (second author)	Brigham and Women's Hospital	1998
Harvard Medical School Summer Research Fellowship Award,		1988
Summa Cum Laude,	SUNY at Stony Brook (SUSB)	1987
Departmental Honors upon Graduation (Chemistry),	SUSB	1987
ΣΞ Excellence in Research Award,	SUSB	1987
ΦBK,	SUSB	1986
George Emerson Award,	SUSB	1986
Outstanding Undergraduate Awards,	SUSB	1985 and 1987
ΣB National Freshman Honor Society,	SUSB	1984
Dean's List;	SUSB	1983-87

APPOINTMENTS

ACADEMIC

Clinical Fellow; Harvard Medical School, Boston, MA; 7/94-7/98

Clinical Assistant Instructor; School of Medicine, SUNY at Stony Brook, NY; 7/99-7/2001

Assistant Professor of Surgery, School of Medicine, Temple University, Philadelphia, PA: 7/2001- 9/2004

Assistant Professor of Surgery, School of Medicine, University of Massachusetts Medical Center, Worcester, MA: 9/2004-

PROFESSIONAL ACTIVITIES

PRESENTATIONS

- I. Surgical Grand Rounds Speaker:
"New Frontiers of Carotid Artery Surgery". Roger William Hospital, Providence, RI, 1/26/2001.
- II. Surgical Grand Rounds Speaker:

PUBLICATIONS

PEER-REVIEWED ARTICLES

- I. Mohammad H. Eslami, Sidhu P. Gangadharan, Michael Belkin, Magruder C. Donaldson, Anthony D. Whittemore and Michael S. Conte, "Monocyte Adhesion to Human Vein Grafts: A Marker for Occult Intraoperative Injury?" *Journal of Vascular Surgery* 2001: **34**: 923-6.
- II. Mohammad H. Eslami, Sidhu P. Gangadharan, Xin Xin Sui, Kurt K. Rhyhart, Richard O. Snyder, and Michael S. Conte, "Gene Delivery to Vein Grafts: Differential Effects of Adeno- (Ad) and Adeno-associated (AAV) Viral Vectors." *Journal of Vascular Surgery* 2000: **31**: 1149-59.
- III. Sidhu P. Gangadharan, Mohammad H. Eslami, Inanna P. Weiss, Xin Xin Sui, Michael S. Conte, "Endothelial Cell Seeding Inhibits Monocyte Adhesion to Balloon-Injured Arteries", *Journal of Vascular Surgery* 2001: **33**:1247-54.
- IV. Mohammad H. Eslami, Michael Belkin, John A. Mannick, Anthony D. Whittemore, and Magruder C. Donaldson, "Optimal Methods for Autogenous Bypass to the Anterior Tibial Artery". *American Journal of Surgery* 1997, Aug **174** (2) 198-201.
- V. Jonathan D. Gates, Bruce L. Hall and Mohammad H. Eslami, "Blunt Traumatic Occlusion of the Renal Artery Followed by Delayed Reperfusion and Pseudoaneurysm Formation." *The Contemporary Surgery* 2001.
- VI. Baorui Yang, Mohammad H. Eslami, Thomas M. Orlando, and Scott L. Anderson, "Multi-photon Ionization, Photo-electron Spectroscopy Study of OCS: Rydberg Vibronic structure and Ion State Selection." 1988, *Journal of Chemical Physics*, **89**, 5527-5534.

OTHER ARTICLES:

- I. Mohammad H. Eslami, William G. Richards, and David J. Sugarbaker, "Esophageal Physiology", *Chest Surgery Clinics of North America* **4**: 635-652, 1994.
- II. Mohammad H. Eslami, and John J. Ricotta, "Operation for Acute Peripheral Arterial Occlusion: Is it Still the Gold Standard?" *Seminars in Vascular Surgery* 2001 Jun: **14**:93-9.

BOOKS, MONOGRAPHS, CHAPTERS

- 1- Pharmacologic Intervention: Thrombolytic Therapy. By Anthony J. Comerota and Mohammad H. Eslami. In: White RA and Hollier LH, editors. Vascular Surgery: Basic Science and Clinical Correlations 2nd ed. Futura Publishing Company Inc. 2003 (in press).
- 2- Injury to the thoracic great vessels. By Mohammad H. Eslami and John J. Ricotta. In: Karanoukina, Soltoski and Salerno, editors. Thoracic Surgery Secrets. 1st ed. Philadelphia: Hanley and Belfus Inc. 2000.
- 3- Penetrating neck trauma. By Mohammad H. Eslami and John J. Ricotta. In: Karanoukina, Soltoski and Salerno, editors. Thoracic Surgery Secrets. 1st ed. Philadelphia: Hanley and Belfus Inc. 2000.

ABSTRACTS

- I. Douglas B. Wilhite, Robert Larson, John Blebea, Patrick Kelly, Mohammad H. Eslami, Frank Schmieder. “Carotid Duplex Ultrasound in Patients With Very Low Left Ventricular Ejection Fraction.” Presented at the 25th Annual Meeting of the Delaware Valley Vascular Society, 10/9/2003.
- II. James Harrington, John Blebea, Brian Burrows, Michael Salvatore, Mohammad H. Eslami, Frank Schmieder, Robert Larson. “Efficacy of Balloon Cerebral Protection Device in the Prevention of Microembolization.” Presented at the 25th Annual Meeting of the Delaware Valley Vascular Society, 10/9/2003
- III. Mohammad H. Eslami, Sidhu P. Gangadharan, Michael Belkin, Magruder C. Donaldson, Anthony D. Whittemore and Michael S. Conte, “Monocyte Adhesion to Human Saphenous Vein Grafts: A marker for Occult Intraoperative Injury?” Platform presentation. The 29th Annual Symposium of the Society of Clinical Vascular Surgery, 4/4-4/8/2001.
- IV. Mohammad H. Eslami and John J. Ricotta, “Multi-vessel Visceral Artery Aneurysms: A Case of Fibromuscular Dysplasia.”. Poster presentation. The 29th Annual Symposium of the Society of Clinical Vascular Surgery, 4/4-4/8/2001.
- V. Mohammad H. Eslami, Rishad Faruqi, David B. Gitlitz, Fabio Giron and John J. Ricotta, “Thrombin Injection as a Successful Alternative to Surgical Repair of Pseudoaneurysm.” Poster presentation. The 29th Annual Symposium of the Society of Clinical Vascular Surgery, 4/4-4/8/2001.

- VI.** Mohammad H. Eslami, Sidhu P. Gangadharan, Michael Belkin, Magruder C. Donaldson, Anthony D. Whittemore and Michael S. Conte, “Monocyte Adhesion to Human Saphenous Vein Grafts: Mechanism of Adhesion and Correlation with Graft Function”,. Poster presentation. Society of Vascular Surgery and International Society of Cardio-Vascular Surgery Joint Annual Meeting, June 11-14, 2000 Toronto, CA.
- VII.** Mohammad H. Eslami, Sidhu P. Gangadharan, Xin Xin Sui, Kurt K. Rhyhart, Richard O. Snyder, and Michael S. Conte, “Gene Delivery to Vein Grafts: Differential Effects of Adeno- (Ad) and Adeno-associated (AAV) Viral Vectors”. Platform presentation. The 25th Annual Meeting of the New England Society for Vascular Surgery, 10/1/99-10/3/99, Chatham, MA. (*Finalist for Demling Award*).
- VIII.** Mohammad H. Eslami, Michael Klyachkin, and John J. Ricotta, “Thrombin Injection for Pseudoaneurysm.” Platform presentation. 16th Vascular Fellow Meeting, 3/14/00, New York, NY.
- IX.** Sidhu P. Gangadharan, Mohammad H. Eslami, Inanna Weiss, Xin Xin Sui and Michael S. Conte, “Monocyte Adhesion to Balloon Injured Arteries in Inhibited by Endothelial Cell Seeding.” Poster presentation. Joint Annual Meeting of the Society of Vascular Surgery and The International Society for Cardiovascular Surgery (North American Chapter), 6/99, Washington, DC.
- X.** Sidhu P. Gangadharan, Mohammad H. Eslami, J. Plescia, Dario C. Altieri, and Michael S. Conte, “Monocyte Adhesion to Injured Vessels: Specific inhibition of Fibrinogen/MAC-1 Interaction by I-Domain Peptide.” Platform presentation. Vascular Disease Conference; Movers and Shakers in the Vascular Tree, 3/11/98-3/12/98, Bethesda, MD (*Recipient of Life Line Research Award*).
- XI.** Mohammad H. Eslami, Michael Belkin, John A. Mannick, Anthony D. Whittemore, and Magruder C. Donaldson, “Optimal Methods for Autogenous Bypass to the Anterior Tibial Artery.” Platform presentation. The 25th Annual Symposium of Society of Clinical Vascular Surgery, 3/12-3/16/1997, Naples, FL.
- XII.** D. Cheng, Ramin Khorasani, Mohammad H. Eslami, S. E. Seltzer, David C. Brooks and P. M. Doubilet, “Does Appendical Ultrasound Change the Rate of Negative Appendectomies?” Poster presentation. The 82nd Scientific Assembly and Annula Meeting of Radiological Society of North America, 12/1-12/6/1996, Chicago, IL.
- XIII.** Mohammad H. Eslami, Williams G. Richards, and David J. Sugarbaker, “Role of Nitric Oxide (NO) Synthesis in Opossum Esophageal Peristalsis *ex-vivo*.”

Poster presentation. American Motility Society Biennial Symposium 1994, Charlottesville, VA.

- XIV.** Mohammad H. Eslami and James P. Morgan, "Effects of Cocaine, Lidocaine and Procaine on Excitation-Contraction Coupling of Ferret Vascular Smooth Muscle." Poster presentation. American Federation for Clinical Research, 10/90, New York, NY.