

Curriculum Vitae

Brendan J. Collins MD

September 10, 2010

DEMOGRAPHIC INFORMATION

Current Appointments:

1. Attending Physician, Mercy Medical Center, Baltimore, MD

Personal Data:

Business Address: Brendan J. Collins MD
Plastic and Reconstructive Surgery at Mercy
227 St. Paul Place, 6th Floor
Baltimore, MD 21202

Education and Training:

College: B.A., 1994, Middlebury College, Middlebury, VT, Biochemistry

Medical: M.D., 1999, Vanderbilt University School of Medicine, Nashville, TN

Residencies:

General Surgery Internship and Residency, 1999-2006, The Johns Hopkins Hospital, Baltimore MD

Plastic Surgery Fellowship, 2006-2008, The Johns Hopkins Hospital, Baltimore, MD

Professional Experience:

Active Staff, Mercy Medical Center, Baltimore MD
Part Time Faculty, Johns Hopkins Hospital, Baltimore, MD

RESEARCH ACTIVITIES

Publications

Peer-reviewed original research articles:

1. Han X, Gubitosi-Klug R, **Collins BJ**, and Gross RW. 1996. Alterations in individual molecular species of human platelet phospholipids during thrombin stimulation: electrospray ionization mass spectrometry-facilitated identification of

the boundary conditions for the magnitude and selectivity of thrombin-induced platelet phospholipid hydrolysis. *Biochemistry*. 35(18): 5822-5832.

2. Blum MG, **Collins BJ**, Chang AC, Zhang JP, Knaus SA, and Pierson RN III. 1998. Complement inhibition by FUT-175 and K76-COOH in a pig-to-human lung xenotransplant model. *Xenotransplantation*. 5: 35-43.

3. Chang AC, Blum MG, Scott MA, Thomas DW, **Collins BJ**, Burkly LC, Miller GG, and Pierson, RN III. 1998. Prolongation of primate cardiac allograft survival by treatment with anti-CD40 ligand (CD-154) antibody. *Transplantation*. 68:1800-1805.

4. **Collins BJ**, Blum MG, Parker RE, Chang AC, Blair KSA, Zorn GL, Christman BW, and Pierson, RN III. 2001. Thromboxane mediates pulmonary hypertension and lung inflammation during hyperacute lung rejection. *Journal of Applied Physiology*. 90(6):2257-2268.

5. Nakakura EK, Sriuranpong VR, Kunnimallaiyaan M, Hsiao EC, Schuebel KE, Borges MW, Jin N, **Collins BJ**, Nelkin BD, Chen H, and Ball DW. 2005. Regulation of neuroendocrine differentiation in gastrointestinal carcinoid tumor cells by notch signaling. *J. Clin. Endocrinol. Metab.* 90(7):4350-6.

6. Jiang T, **Collins BJ**, Jin N, Watkins DN, Brock MV, Matsui W, Nelkin BD, and Ball DW. 2009. Achaete-scute complex homologue 1 regulates tumor-initiating capacity in human small cell lung cancer. *Cancer Res*. 69(3):845-54.

7. Banks ND, Hui-Chou HG, Tripath S, **Collins BJ**, Stanwix MG, Nam AJ, and Rodriguez ED. 2009. An anatomical study of external carotid artery vascular territories in face and midface flaps for transplantation. *Plas. Recon. Surg.* 123(6):1677-87

Review Articles:

1. **Collins BJ**, Kleeberger W, and Ball DW. 2004. Notch in lung development and lung cancer. *Semin. Cancer Biol.* 14(5):357-64.

2. **Collins BJ**, Fischer A, and Tufaro AP. 2005. Desmoid Tumors of the Head and Neck: A Review. *Ann. Plast. Surg.* 54(1):103-8.

3. **Collins BJ**, Miyashita T, Schweitzer M, Magnuson T, and Harmon JW. 2007. Gastric bypass: why Roux-en-Y? A review of experimental data. *Arch. Surg.* 142(10):1000-3.

Book Chapters:

1. **Collins BJ**, and Yang SC. "Posterior Mediastinal Masses," *Current Therapy in Thoracic and Cardiovascular Surgery*. Mosby 2004.

Other:

1. **Collins BJ**, and Redett R. "Facial Paralysis," *Plastic Surgery Hyperguide*, April 2008.

Extramural Sponsorship:

NIH T32 DK-07751, 2002-2004. Endocrinology T32 Training Grant. \$80,000. PI: Douglas W. Ball, MD, Tumor Biology Lab, Johns Hopkins Medical Institution. 100% effort.

Howard Hughes Medical Student Research Fellowship, 1996-1997. \$17,000. PI: Richard N. Pierson III, M.D., Director, Heart and Lung Transplantation Program, Vanderbilt University Medical Center. 100% effort.

Benjamin F. Byrd Cardiovascular Research Fellowship, 1995. \$2000. Source: American Heart Association. Title: The Role of Thromboxane in Pig to Human Pulmonary Xenotransplantation. PI: Richard N. Pierson III, M.D., Director, Heart and Lung Transplantation Program, Vanderbilt University Medical Center. 100% effort.

Undergraduate Research Fellowship, Washington University School of Medicine, 1993. \$2000. Arachidonic acid mobilization in human platelets. PI: Richard W. Gross, M.D., Director, Division of Bioorganic Chemistry and Molecular Pharmacology. 100% effort.

EDUCATIONAL ACTIVITIES

Teaching

Grand Rounds, Division of Plastic and Reconstructive Surgery, Johns Hopkins Medical Institution

The Surgical Management of Facial Palsy November 2006

Long Bone Reconstruction and Limb Salvage: February 2007
Applications of Vascularized Osseous Transfer

The Challenges of Radiation in Head and Neck Reconstruction	April 2007
Bienvenidos Andahuaylas – Healing the Children, Peru 2007	September 2007
Reconstruction of Complex Spinal Defects	January 2008
Fetal Bovine Acellular Dermal Matrix in Autologous Breast Reconstruction	June 2008

Editorial activities

Peer review, Archives of Surgery, 2008

CLINICAL ACTIVITIES

Certification:

American Board of Plastic Surgery, November 2009

American Board of Surgery, General Surgery, February 2007

State of Maryland, License No. D0059152, July 2002 to present

ORGANIZATIONAL ACTIVITIES

Candidate Member, American Society of Reconstructive Microsurgery, 2009-present

Active Member, American Society of Plastic Surgeons, 2010

Resident Forum, American Society of Plastic Surgeons, 2006 - 2008

Associate Active Member, American College of Surgeons, 2008 - present

RECOGNITION

George D. Zuidema Research Award, Johns Hopkins Medical Institution, 2004

George D. Zuidema Research Award, Johns Hopkins Medical Institution, 2003

Hospital Award for Excellence, Vanderbilt University Medical Center, 1999

Surgical Clerkship Award, Vanderbilt University Medical Center, 1999

Alpha Omega Alpha, Vanderbilt University School of Medicine, September 1998

Magna Cum Laude, Middlebury College, May 1994