

CURRICULUM VITAE

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EDUCATION:

Stanford University (Stanford, CA), A.B., 1994-1998 (Human Biology)
University of Michigan Medical School (Ann Arbor, MI), M.D., 1999-2005
University of Michigan (Ann Arbor, MI), M.S. in Neuroscience, 2001-2003
Stanford University (Stanford, CA), Resident in Anatomic Pathology, 2005-2007
Stanford University (Stanford, CA), Fellow in Neuropathology, 2007-2009

LICENSURE

California Medical License: 8/16/2006, A96885
Tennessee Medical License: 8/26/2010, MD0000046604

Board Examination in Combined Anatomic & Neuropathology, to be completed Fall 2011

ACADEMIC APPOINTMENTS

Assistant Professor, Department of Pathology, Vanderbilt University Medical Center, 2010 - present

RESEARCH PROGRAM:

Working in the Bruce Carter laboratory (Department of Biochemistry) on projects exploring stem cell self renewal and differentiation in sympathetic nervous system development and tumorigenesis.

PUBLICATIONS AND PRESENTATIONS

Articles in refereed journals:

Minor DL, Lin YF, Mobley BC, Avelar A, Jan YN, Jan LY, and Berger JM. The polar T1 interface is linked to conformational changes that open the voltage-gated potassium channel. *Cell*. 2000 Sep 1;102(5):657-70.

Rubin A, Mobley B, Hogikyan N, Bell K, Sullivan K, Boulis N, and Feldman E. Delivery of an adenoviral vector to the crushed recurrent laryngeal nerve. *Laryngoscope*. 2003 Jun;113(6):985-9.

Vincent AM, Mobley BC, Hiller A, and Feldman EL. IGF-I prevents glutamate-induced motor neuron programmed cell death. *Neurobiology of Disease*. 2004 Jul;16(2):407-16.

Mobley BC, Roulston D, Shah GV, Bijwaard KE, and McKeever PE. Peripheral primitive neuroectodermal tumor/Ewing's sarcoma of the craniospinal vault: case reports and review. *Human Pathology*. 2006 Jul;37(7):845-53.

Tsao GJ, Tsang MW, Mobley BC, and Cheng WW. Foramen magnum meningioma: Dysphagia of atypical etiology. *J Gen Intern Med*. 2008 Feb;23(2):206-9.

Boyd SD, Mobley BC, Regula DP, and Arber DA. Features of hemolysis due to *Clostridium perfringens* infection. *Int J Lab Hematol*. 2007 Dec 20.

Murovic JA, Gibbs IC, Chang SD, Mobley BC, Park J, and Adler JR Jr. Foraminal nerve sheath tumors: intermediate follow-up after cyberknife radiosurgery. *Neurosurgery*. 2009 Feb;64(2 Suppl):A33-43.

Hayden MG, Guzman R, Dulai MS, Mobley BC, and Edwards MS. Recurring osteoma within a calcium phosphate bone cement cranioplasty: case report. *Neurosurgery*. 2009 Apr;64(4):E775-6.

Mobley BC, Enns GM, Wong L.-J., and Vogel H. A novel homozygous *SCO2* mutation, p.G193S, causing fatal infantile cardioencephalomyopathy. *Clinical Neuropathology*. 2009 Mar/Apr;28(2):143-9.

Mobley B, Kalani MY, Harsh GR 4th, Edwards MS, and Vogel H. Papillary tumor of the spinal cord: report of 2 cases. *Am J Surg Pathol*. 2009 Aug;33(8):1191-7.

Mobley BC, McKenney JK, Bangs CD, Callahan K, Yeom KW, Schneppenheim R, Hayden MG, Cherry AM, Gokden M, Edwards MSB, Fisher PG, and Vogel H. Loss of SMARCB1/INI1 expression in poorly differentiated chordomas. *Acta Neuropathol*. 2010 Dec;120(6):745-53.

Bredel M, Scholtens DM, Yadav AK, Alvarez AA, Renfrow JJ, Chandler JP, Yu IL, Carro MS, Dai F, Tagge MJ, Ferrarese R, Bredel C, Phillips HS, Lukac PJ, Robe PA, Weyerbrock A, Vogel H, Dubner S, Mobley B, He X, Scheck AC, Sikic BI, Aldape KD, Chakravarti A, Harsh GR. NFKBIA Deletion in Glioblastomas. *N Engl J Med*. 2010 Dec 22. [Epub ahead of print]

Presentations at Scientific Meetings:

Bret Mobley and Sean J. Morrison: Endothelin-1 and 3 inhibit neurogenesis of post migratory neural crest stem cells from rat sciatic nerve and small intestine; they promote survival of sciatic nerve cells. *The University of Michigan Student Biomedical Research Forum*, 2000.

Nicholas Boulis, Bret Mobley, Aaron Noordmans, Debbie Song, and Eva L. Feldman: Remote gene delivery: a potential new therapy for neuropathy. *Poster Presentation at the 126th Annual Meeting of the American Neurologic Association*, p. 37, 2001.