

Rosalia Burke, M.D.

Curriculum Vitae

EDUCATION

09/1988-05/1992	Yale University – New Haven, CT B.S. Biology, magna cum laude
08/1992-05/1996	Washington University School of Medicine - St Louis, MO Medical Degree
09-1996-06-1997	University of Washington – Seattle, WA Internship: General Surgery
06-1997-06-1998	University of Washington – Seattle, WA Postdoctoral Research Fellowship
07/1998-07/2003	University of Washington – Seattle, WA Residency: Otolaryngology-Head & Neck Surgery

DISTINCTIONS

1996-2003	Resident Physician, University of Washington Seattle, WA
1991	Research Internship, Department of Biology Yale University, New Haven, CT
1990-1991	Research Assistant, Department of Neuroscience Yale University, New Haven, CT
1990	Research Internship, University of CT Medical Center

CERTIFICATION

05/2004	Diplomate, American Board of Otolaryngology -Head & Neck Surgery
---------	---

SCIENTIFIC RESEARCH

- ◆ Kv channel localization in the auditory brainstem; otoconial abnormalities and PMCA localization in *deafwaddler* mice. University of Washington, Department of Otolaryngology/Head and Neck Surgery, 1997-2003, Principle Investigator: Bruce L Tempel, PhD

Rosalia Burke, M.D.

- ◆ Nerve regeneration in the inner ears of mice following noise-induced hearing loss. Washington University Department of Otolaryngology/Head and Neck Surgery, 1995-1996, Principle Investigator: Barbara Bohne, PhD
- ◆ Calcium Regulation in *S. cerevisiae*, Yale University Department of Biology, 1991-1992, Principle Investigator: Michael Snyder, PhD
- ◆ Isolation of heat shock proteins following coronary ischemia, University of Connecticut School of Medicine, 1990. Principle Investigator: Dipak Das, M.D.

PUBLICATIONS

- ◆ Mutations in the plasma membrane calcium ATPase gene cause deafness in *deafwaddler* mice. Street VA, McKee-Johnson JW, Fonseca RC, Tempel BL, Noben-trauth K. *Nature Genetics* (1998)
- ◆ Otoconial Abnormalities in *deafwaddler* mice. Fonseca Burke RC, del Puerto M, Tempel BL (submitted 2002)

ABSTRACTS

- ◆ Kv channel gene expression maintains temporal precision in auditory signaling, Tempel BL, Fonseca RC, Brew HM. Association for Research in Otolaryngology, Midwinter research meeting, 1998
- ◆ Localization of Kv channels in the auditory system. Fonseca RC, Hallows JL, Tempel BL. Association for Research in Otolaryngology, Midwinter research meeting, 1998

PROFESSIONAL LEADERSHIP APPOINTMENTS

Conroe Surgery Center	Partner, August 2005-present Board Member, April 2007-present
Sadler Surgery Center	Board Member, October 2008 to April 2009
Memorial Hermann Hospital, The Woodlands	Chairman, Division of ENT, July 2009-present Non Voting Member of Medical Executive Committee July 2009-present

PROFESSIONAL MEMBERSHIPS

American Academy of Otolaryngology-Head and Neck Surgery
Texas Medical Association
Montgomery County Medical Society

HONORS AND AWARDS

- ◆ Alpha Omega Alpha Membership, 1996
- ◆ Association for Research in Otolaryngology Resident Travel Award, 1998
- ◆ American Medical Women's Association Award, 1996

Rosalia Burke, M.D.

- ◆ Lange Book Award, 1996
- ◆ Dr. Robert Carter Award, 1995
- ◆ Portuguese Foundation Scholarship, 1993-1994
- ◆ Antoinette Francis Dames Award in Cell Biology and Physiology; Washington University School of Medicine, 1993
- ◆ Mr. and Mrs. Spencer T. Olin Fellowship (4 year full tuition fellowship); Washington University School of Medicine, 1992-1996
- ◆ Honors in Biology; Yale University, 1992