

Date Prepared: June 26, 2006

CURRICULUM VITAE

Name: Ronald Kent de Venecia, M.D., Ph.D.

Office Address: Massachusetts Eye and Ear Infirmary
243 Charles Street
Boston, MA 02114

Place of Birth: Dagupan City, Philippines

Education:

<u>Year</u>	<u>Degree</u>	<u>Institution</u>
1985	B.A.	University of Pennsylvania, Philadelphia, PA; Major: Biological Basis of Behavior, Neural Systems; Minor: Japanese.
1995	Ph.D.	University of Arizona, Tucson, AZ; Major: Cell Biology and Anatomy, Minor: Neuroscience; Thesis: "Organization and Development of Thalamocortical Pathways in the Rabbit Auditory System"
1997	M.D.	University of Maryland, School of Medicine, Baltimore, MD

Postdoctoral Training:

<u>Years</u>	<u>Title</u>	<u>Specialty/Discipline</u>	<u>Place of Training</u>
1997-1998	Intern	General Surgery	Brigham and Women's Hospital, Boston, MA
1998-2004	Clinical Fellow	Otology and Laryngology	Harvard Medical School, Boston, MA
1998-1999	Resident	Otolaryngology	Massachusetts Eye and Ear Infirmary, Boston, MA
1999-2001	Research Resident	Otolaryngology	Massachusetts Eye and Ear Infirmary
1999-2001	NRSA Research Trainee	Neurophysiology	Massachusetts Eye and Ear Infirmary, Eaton-Peabody Laboratory of Neurophysiology, Sponsor: M. Christian Brown, Ph.D., Institution NRSA T32 DC00020 (PI: Joseph B. Nadol, Jr., M.D.)
2001-2004	Resident	Otolaryngology	Massachusetts Eye and Ear Infirmary
2004-2006	Clinical Fellow	Otology/Neurotology	Harvard Medical School and Massachusetts Eye and Ear Infirmary, Sponsors: Michael J. McKenna, M.D., and Joseph B. Nadol, Jr., M.D.; Fellowship Training will be completed 06/30/2006

Licensure and Certification:

<u>Year</u>	<u>Type of License or Certification</u>
1997-2005	Limited licensure, Massachusetts
2005-present	Full License, Massachusetts

Academic Appointments:

<u>Year</u>	<u>Academic Title</u>	<u>Institution</u>
1998-2004	Clinical Fellow	Department of Otolaryngology and Laryngology, Harvard Medical School
2004-2006	Clinical Fellow	Department of Otolaryngology and Laryngology (Neurotology), Harvard Medical School

Hospital or Affiliated Institutional Appointments:

<u>Year</u>	<u>Title</u>	<u>Institution</u>
7/1998-6/1999	Resident	Department of Otolaryngology, Massachusetts Eye and Ear Infirmary
7/1999-6/2001	Research Resident	Department of Otolaryngology, Massachusetts Eye and Ear Infirmary
7/2001-6/2004	Resident	Department of Otolaryngology, Massachusetts Eye and Ear Infirmary
7/2004-6/2006	Clinical Fellow	Department of Otolaryngology (Otology/Neurotology), Massachusetts Eye and Ear Infirmary
7/2006-	Active Staff	Department of Otolaryngology Massachusetts Eye and Ear Infirmary
7/2006-	Clinical Associate	Department of Surgery Massachusetts General Hospital

Work History:

<u>Year</u>	<u>Title</u>	<u>Practice</u>
7/2006	Physician	Massachusetts Eye and Ear Associates, Inc. Boston, Massachusetts

Professional Societies:

<u>Year</u>	<u>Society</u>	<u>Role</u>
1993	Association for Research in Otolaryngology	Member
1997	American Medical Association	Member
1998	American Academy of Otolaryngology - Head and Neck Surgery	Member
1998	Massachusetts Medical Society	Member

Awards and Honors:

<u>Year</u>	<u>Name of Award</u>
1989	Deafness Research Foundation Otologic Research Fellowship, July
1991	Minority Graduate Student Fellowship, University of Arizona Graduate College, June
1991	Award for Academic Excellence, University of Arizona Graduate College, May
1991	Predocctoral Fellowship for Minority Students, National Institute of General Medical Sciences, two-year fellowship, September
1992	Award for Academic Excellence, University of Arizona Graduate College, May
1994	Graduate Student Academic Fellowship, University of Arizona Graduate College, January

Awards and Honors: (continued)

- 1994 Graduate Student Research Funds Award, University of Arizona Graduate College, March
- 1994 Graduate Student Academic Fellowship, University of Arizona Graduate College, September
- 2000 Triological Society Research Training Award, The American Laryngological, Rhinological and Otological Society, August

Teaching Experience:

- 1991-1993 Teaching Assistant, Medical Student Neuroanatomy, University of Arizona College of Medicine, Tuscon, AZ

Bibliography:Original Articles:

1. McMullen NT, de Venecia RK. Thalamocortical patches in auditory neocortex. *Brain Res* 1993;620:317-22.
2. de Venecia RK, McMullen NT. Single thalamocortical axons diverge to multiple patches in neonatal auditory cortex. *Dev Brain Res* 1994;81:135-42.
3. McMullen NT, Smelser CB, de Venecia RK. A quantitative analysis of parvalbumin in rabbit auditory neocortex. *J Comp Neurol* 1994;349:493-511.
4. de Venecia RK, Smelser CB, Lossmann SD, McMullen NT. Complementary expression of parvalbumin and calbindin D-28k delineates subdivisions of the rabbit medial geniculate body. *J Comp Neurol* 1995;359:595-612.
5. de Venecia RK, McMullen NT. Parvalbumin expression in a reciprocal circuit linking the medial geniculate body and auditory neocortex. *J Comp Neurol* 1998;400:349-62.
6. Cetas JS, de Venecia RK, McMullen NT. Thalamocortical afferents of Lorente de No: medial geniculate axons that project to primary auditory cortex have collateral branches to layer I. *Brain Res* 1999;830:203-8.
7. Brown MC, de Venecia RK, Guinan JJ Jr. Responses of medial olivocochlear neurons: specifying the central pathways of the medial olivocochlear reflex. *Exp Brain Res* 2003;153:491-8.
8. de Venecia RK, Liberman MC, Guinan JJ Jr, Brown MC. Medial olivocochlear reflex interneurons are located in the posteroventral cochlear nucleus: a kainic acid study in guinea pigs. *J Comp Neurol*, *J Comp Neurol* 2005;487:345-360.
9. Lee DJ, de Venecia RK, Guinan JJ Jr, Brown MC. Central auditory pathways mediating the rat middle ear muscle reflexes. *Anat Rec* 2005; accepted:in press.

Reviews, Chapters, and Editorials

1. de Venecia RK, Rauch SD. Auditory system, central. In: Aminoff MJ, Daroff RB, editors. *Encyclopedia of the neurological sciences*. San Diego, CA: Academic Press; 2002.
2. de Venecia RK, Nadol JB Jr. Meniere's disease. In: Rackel RE, Bope ET. *Conn's current therapy*. New York, New York: WB Saunders Co, Elsevier, Inc; 2006.
3. McKenna MJ, de Venecia RK. Otosclerosis. In: Hughes GB, Pensak ML, editors. *Clinical Otology*, 3rd edition. New York, New York: Thieme Medical Publishers, Inc; 2006.

Abstracts

1. de Venecia RK, McMullen NT. Prenatal and early postnatal development of auditory thalamocortical axons. *Soc Neurosci Abstr* 1991;17:451.

2. de Venecia RK, McMullen NT. Postnatal development of thalamocortical afferent "patches" in auditory neocortex. Soc Neurosci Abstr 1992;18:779.
3. de Venecia RK, McMullen NT. Auditory geniculocortical "patches" appear prior to hearing onset. Abstracts of the Association for Research Otolaryngol, Midwinter Meeting, St. Petersburg Beach, FL, 1993;16:154.
4. de Venecia RK, Smelser CB, McMullen NT. Correspondence between thalamocortical and parvalbumin patches in AI: Evidence for a modular organization within auditory neocortex. Abstracts of the Association for Research in Otolaryngology, Midwinter Meeting, St. Petersburg Beach FL, 1996;19:438.
5. de Venecia RK, Liberman MC, Guinan JJ Jr, Brown MC. Localization of medial olivocochlear reflex interneurons in the cochlear nucleus. Scientific meeting at Monte Verita/Ascona, Switzerland: Central auditory processing – Integration with other systems, 2002.
6. Lee DJ, de Venecia RK, Guinan JJ Jr, Brown MC. Central auditory pathways mediating the rat acoustic reflex. Abstracts of the Association for Research in Otolaryngology, Midwinter Meeting, New Orleans, LA, 2005;28:91.