

## Vestibular Nerve

[View the current Vestibular Nerve InDepth page on BioPortfolio.com](#) (PDF)

([http://www.bioportfolio.com/indepth/Vestibular\\_Nerve.html](http://www.bioportfolio.com/indepth/Vestibular_Nerve.html)) - Regularly Updated.

### Recent Publications on Vestibular Nerve:



- [Surgical Approaches to Vestibular Schwannomas: What the Radiologist Needs to Know.](#)  
*Vestibular schwannomas account for 85% of cerebellopontine angle tumors in...*21st November, 2009  
Departments of Radiology and Otolaryngology, Mayo Clinic, 200 First St,- Radiographics. 2009  
November-December;29(7):1955-1970. ([DOI Direct Link](#))
- [Acoustic, mechanical and galvanic stimulation modes elicit ocular vestibular-evoked myogenic potentials.](#)  
*OBJECTIVE: This study compared the characteristic parameters of ocular...*18th November, 2009  
Department of Otolaryngology, Far Eastern Memorial Hospital, Taipei,- Clin Neurophysiol. 2009  
Oct;120(10):1841-4. Epub 2009 Aug 29. ([DOI Direct Link](#))
- [Vestibular schwannoma with absent vestibular evoked myogenic potentials to clicks but normal ABR, caloric responses and vestibular evoked myogenic potentials to 500 Hz tone bursts.](#)  
*Abstract We report a case of vestibular schwannoma with absent vestibular...*4th November, 2009  
Department of Otolaryngology, Teikyo University School of Medicine,- Acta Otolaryngol. 2009 Nov 2.
- [\[Ramsay Hunt syndrome with cranial polyneuropathy involving cranial nerves VII, VIII, IX, and X\]](#)  
*In addition to facial and vestibular nerve paralysis, patients with Ramsay...*29th October, 2009  
Department of Otolaryngology, St. Marianna University School of Medicine,- Nippon Jibiinkoka Gakkai  
Kaiho. 2009 Sep;112(9):656-9.
- [Vestibular evoked myogenic potentials \(VEMPs\): usefulness in clinical neurotology.](#)  
*Testing vestibular evoked myogenic potentials (VEMPs) may be the most...*17th October, 2009  
Department of Audiology, Karolinska Hospital, Stockholm, Sweden.- Semin Neurol. 2009  
Nov;29(5):541-7. Epub 2009 Oct 15. ([DOI Direct Link](#))
- [Deregulated Genes in Sporadic Vestibular Schwannomas.](#)  
*OBJECTIVE:: In search of genes associated with vestibular schwannoma...*10th October, 2009  
\*The Department of Oto-rhino-laryngology, Head and Neck Surgery, Gentofte- Otol Neurotol. 2009 Oct  
7. ([DOI Direct Link](#))
- [Ocular Vestibular Evoked Myogenic Potentials to Bone-Conducted Vibration in Vestibular Schwannomas.](#)  
*BACKGROUND:: Vestibular schwannoma (VS) arises from either the superior or...*10th October, 2009  
\*Department of Otolaryngology, Faculty of Medicine, University of Tokyo,- Otol Neurotol. 2009 Oct 7. ([DOI Direct Link](#))
- [The History of Middle Cranial Fossa Approach to the Cerebellopontine Angle.](#)  
*OBJECTIVES:: To investigate the historical origins of the current middle...*10th October, 2009  
\*Department of Otolaryngology, Stanford University, Palo Alto, California,- Otol Neurotol. 2009 Oct 7. (

[DOI Direct Link](#))

- [Static and dynamic discharge properties of vestibular-nerve afferents in the mouse are affected by core body temperature.](#)  
*The goal of this study was to determine the effect of changes in core body...*7th October, 2009  
Department of Otolaryngology-Head and Neck Surgery, Research Institute of- Exp Brain Res. 2009 Oct 6. ([DOI Direct Link](#))
- [Vertigo.](#)  
*Electrical stimulation of the human vestibular nerve evokes a postural...*29th September, 2009  
- BMJ. 2009 Sep 22;339:b3493. doi: 10.1136/bmj.b3493.
- [The effect of voluntary sway control on the early and late components of the vestibular-evoked postural response.](#)  
*Electrical stimulation of the human vestibular nerve evokes a postural...*26th September, 2009  
School of Sports and Exercise Sciences, College of Life and Environmental- Exp Brain Res. 2009 Sep 25. ([DOI Direct Link](#))
- [Otoferlin is critical for a highly sensitive and linear calcium-dependent exocytosis at vestibular hair cell ribbon synapses.](#)  
*Otoferlin, a C2-domain-containing Ca(2+) binding protein, is required for...*11th September, 2009  
Universite Victor Segalen Bordeaux 2, Institut des Neurosciences de- J Neurosci. 2009 Aug 26;29(34):10474-87. ([DOI Direct Link](#))
- [Nonphosphorylated neurofilament protein is expressed by scattered neurons in the vestibular and precerebellar brainstem.](#)  
*Vestibular information is essential for the control of posture, balance,...*5th September, 2009  
Department of Physiology and Biophysics, University at Buffalo, School of- Brain Res. 2009 Nov 17;1298:46-56. Epub 2009 Sep 1. ([DOI Direct Link](#))
- [Effects of canal plugging on the vestibuloocular reflex and vestibular nerve discharge during passive and active head rotations.](#)  
*Mechanical occlusion (plugging) of the slender ducts of semicircular...*4th September, 2009  
Department of Physiology, McGill University, 3655 Prom. Sir William Osler,- J Neurophysiol. 2009 Nov;102(5):2693-703. Epub 2009 Sep 2. ([DOI Direct Link](#))
- [Hearing improvement in a growing vestibular schwannoma.](#)  
*Vestibular schwannomas are benign, slow-growing tumors that originate from...*2nd September, 2009  
Department of Neurotology and Skullbase Surgery, Cambridge University- Skull Base. 2009 Mar;19(2):159-62. ([DOI Direct Link](#))

## Vestibular Nerve Patents:



- 5919149- [Method and apparatus for angular position and velocity based determination of body sway for the diagnosis and rehabilitation of balance and gait disorders](#)
- 6295472- [Pseudospontaneous neural stimulation system and method](#)
- 6314324- [Vestibular stimulation system and method](#)
- 6358926- [Neurotoxin therapy for inner ear disorders](#)
- 6383150- [Network-based system for diagnosing balance disorders](#)
- 6461297- [Apparatus and methods for measuring physical disorders](#)
- 6559119- [Method of preparing a tissue sealant-treated biomedical material](#)

- 6631295- [System and method for diagnosing and/or reducing tinnitus](#)
- 6656137- [Vestibular and RAS enhancing device](#)
- 6730475- [Methods of diagnosis and treatment of meniere disease](#)
- 6265379- [Method for treating otic disorders](#)
- 6238333- [Remote magnetic manipulation of nervous systems](#)
- 6197325- [Supplemented and unsupplemented tissue sealants, methods of their production and use](#)
- 5935054- [Magnetic excitation of sensory resonances](#)
- 5966680- [Motion sickness/vertigo prevention device and method](#)
- 6017302- [Subliminal acoustic manipulation of nervous systems](#)
- 6054122- [Supplemented and unsupplemented tissue sealants, methods of their production and use](#)
- 6063046- [Method and apparatus for the diagnosis and rehabilitation of balance disorders](#)
- 6077237- [Headset for vestibular stimulation in virtual environments](#)
- 6078838- [Pseudospontaneous neural stimulation system and method](#)
- 6091994- [Pulsative manipulation of nervous systems](#)
- 6117425- [Supplemented and unsupplemented tissue sealants, method of their production and use](#)
- 6748275- [Vestibular stimulation system and method](#)
- 6907130- [Speech processing system and method using pseudospontaneous stimulation](#)
- 6946452- [Use of N-acetyl-D-glucosamine in the manufacture of pharmaceutical useful for treating motion sickness](#)
- 7454246- [Sensor signal alignment](#)
- 7469162- [Vestibular stimulation system and method](#)
- 7488284- [Implantable prosthesis with direct mechanical stimulation of the inner ear](#)
- 7488341- [Method for optical stimulation of the vestibular system](#)
- 7591035- [Bed with movable mattress](#)
- 7593967- [Electronic clinical reference and education system and method of use](#)
- 7603174- [Stimulation of the amygdalohippocampal complex to treat neurological conditions](#)
- 7613519- [Peripheral nerve stimulation to treat auditory dysfunction](#)
- 7613520- [Spinal cord stimulation to treat auditory dysfunction](#)
- 7371576- [CD56 positive human adult pancreatic endocrine progenitor cells](#)
- 7315761- [Electrical stimulation system and method for treating tinnitus](#)
- 7300449- [Methods and devices for the treatment of neurological and physiological disorders](#)
- 7030235- [Compositions to detect lesions associated with hearing loss in the cochlear gene, COCH5B2](#)
- 7189410- [Supplemented and unsupplemented tissue sealants, methods of their production and use](#)
- 7196054- [Methods for treating wound tissue and forming a supplemented fibrin matrix](#)
- 7206639- [Cochlear drug delivery system and method](#)
- 7208179- [Methods for treating disease and forming a supplemented fibrin matrix](#)
- 7225028- [Dual cochlear/vestibular stimulator with control signals derived from motion and speech signals](#)
- 7229959- [Supplemented fibrin matrix delivery systems](#)
- 7270287- [Botulinum toxin treatment for kinesis](#)
- 7285099- [Bias-probe rotation test of vestibular function](#)
- 7616771- [Acoustic coupler for skin contact hearing enhancement devices](#)

\*\*\*

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.  
UK Tel: (+44) 1300 321501  
USA Voicemail and Fax: (+1) 415 680 2472  
[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Stafford House, 10 Prince of Wales Road,  
Dorchester, Dorset, DT1 1PW, UK. No.3312883 VAT No. GB 744 6483 10  
Copyright 1997-2009 - BioPortfolio Limited.

