

Cochlear Nerve

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

(http://www.bioportfolio.com/indepth/Cochlear_Nerve.html) - Regularly Updated.

Recent Publications on Cochlear Nerve:



- [Adding insult to injury: cochlear nerve degeneration after "temporary" noise-induced hearing loss.](#)
*Overexposure to intense sound can cause temporary or permanent hearing...*13th November, 2009
Department of Otolaryngology and Laryngology, Harvard Medical School, Boston,- J Neurosci. 2009 Nov 11;29(45):14077-85. ([DOI Direct Link](#))
- [Electrode interaction in cochlear implant recipients: comparison of straight and contour electrode arrays.](#)
*The degree of overlap among cochlear nerve fibers stimulated by different...*13th November, 2009
Department of Otorhinolaryngology-Head and Neck Surgery, General Hospital- ORL J Otorhinolaryngol Relat Spec. 2009;71(4):228-37. Epub 2009 Aug 26. ([DOI Direct Link](#))
- [Integrated profile to assess auditory nerve-auditory pathway integrity.](#)
*PURPOSE: To evaluate the Integrated Cochlear Profile for Assessing...*13th November, 2009
Department of Otorhinolaryngology, Union Hospital of Tongji Medical- ORL J Otorhinolaryngol Relat Spec. 2009;71(4):196-208. Epub 2009 Aug 26. ([DOI Direct Link](#))
- [\[The diagnosis of auditory neuropathy in young children\]](#)
*OBJECTIVE: To present the clinical data of a group of children with...*10th November, 2009
Key Laboratory of Otolaryngology Head and Neck Surgery, Capital Medical- Lin Chung Er Bi Yan Hou Tou Jing Wai Ke Za Zhi. 2009 Jul;23(13):580-3,
- [A 47-year old male with a cerebellopontine angle tumor.](#)
*A 47-year old man presented with a five-year history of fluctuating...*5th November, 2009
- Brain Pathol. 2009 Oct;19(4):739-42. ([DOI Direct Link](#))
- [\[Cochlear implant in patients with congenital malformation of the inner ear.\]](#)
*OBJECTIVE: To summarize the clinical experience with multi-channel...*29th October, 2009
Department of Otolaryngology, Zhujiang Hospital, Southern Medical- Nan Fang Yi Ke Da Xue Xue Bao. 2009 Oct;29(10):2118-21.
- [Diagnosis and therapy of vestibular schwannoma.](#)
*MRI studies are of paramount importance for diagnosis and follow-up...*27th October, 2009
Department of Otorhinolaryngology, The University of Mainz Hospitals and- Expert Rev Neurother. 2009 Aug;9(8):1219-32. ([DOI Direct Link](#))
- [The postsynaptic function of type II cochlear afferents.](#)
*The mammalian cochlea is innervated by two classes of sensory neurons....*23rd October, 2009
The Department of Neuroscience, The Center for Hearing and Balance and the- Nature. 2009 Oct 22;461(7267):1126-9. ([DOI Direct Link](#))
- [Cochlear nerve diameter in normal hearing ears using high-resolution magnetic resonance imaging.](#)
*OBJECTIVES: Deficient cochlear nerves (CN) have been associated with poor...*23rd October, 2009

Department of Otolaryngology, University of Florida, 1600 SW Archer Road,- Laryngoscope. 2009 Oct;119(10):2042-5. ([DOI Direct Link](#))

- [Intraoperative neurophysiological monitoring in vestibular schwannoma surgery: advances and clinical implications.](#)
*OBJECT: Intraoperative neurophysiological monitoring has become an...*21st October, 2009
Department of Neurosurgery, University of South Florida, Tampa, Florida- Neurosurg Focus. 2009 Oct;27(4):E9. ([DOI Direct Link](#))
- [No neural evidence for dynamic auditory tuning of the A1 receptor in the ear of the noctuid moth, *Noctua pronuba*.](#)
*By examining the mechanical properties of the tympanum of the noctuid...*16th October, 2009
Department of Psychology, University at BuValo, The State University of- J Comp Physiol A Neuroethol Sens Neural Behav Physiol. 2009 ([DOI Direct Link](#))
- [Patterns of hearing loss after microvascular decompression for hemifacial spasm.](#)
*BACKGROUND: The purpose of this study was to analyse audiological data...*9th October, 2009
Department of Neurosurgery, Samsung Medical Center, Sungkyunkwan- J Neurol Neurosurg Psychiatry. 2009 Oct;80(10):1165-7. ([DOI Direct Link](#))
- [Risk factors for presbycusis in a socio-economic middle-class sample.](#)
*Presbycusis, or the aging ear, involves mainly the inner ear and the...*29th September, 2009
Medical School, FCM of the Sta Casa de S Paulo, Brazil.- Braz J Otorhinolaryngol. 2009 Jul-Aug;75(4):530-6.
- [Narrow duplicated or triplicated internal auditory canal \(3 cases and review of literature\): can we regard the separated narrow internal auditory canal as the presence of vestibulocochlear nerve fibers?](#)
*The narrow duplicated internal auditory canal (IAC) is a very rare...*28th August, 2009
Department of Radiology, Chungbuk National University Hospital, 410- J Comput Assist Tomogr. 2009 Jul-Aug;33(4):565-70. ([DOI Direct Link](#))
- [Preliminary results of auditory brainstem implantation in prelingually deaf children with inner ear malformations including severe stenosis of the cochlear aperture and aplasia of the cochlear nerve.](#)
*OBJECTIVE: The aim of our study is to present the results of 11 children...*26th August, 2009
Department of Otolaryngology, Hacettepe University Medical Faculty,- Otol Neurotol. 2009 Sep;30(6):708-15. ([DOI Direct Link](#))

Cochlear Nerve Clinical Trials:



- [Longitudinal Study Of The Evoked Compound Action Potential Measured In Children Cochlear Implant Users](#)

Cochlear Nerve Patents:



- 6156728- [Treatment of inner ear hair cells](#)
- 6556870- [Partially inserted cochlear implant](#)
- 6593290- [Treatment of inner ear hair cells](#)
- 6652854- [Methods for treating autoimmune and chronic inflammatory conditions using antagonists of CD30 or CD30L](#)
- 6653279- [Treatment of inner ear hair cells](#)
- 6709866- [Methods for enhancing survival of a neuron](#)
- 6927204- [Treatment of inner ear hair cells](#)
- 6933120- [Method of determining biological/molecular age](#)
- 6967152- [Multilevel electronic circuit and method of making the same](#)
- 6970570- [Hearing aids based on models of cochlear compression using adaptive compression thresholds](#)
- 6974823- [Hydantoin derivative compounds, pharmaceutical compositions, and methods of using same](#)
- 6480820- [Method of processing auditory data](#)
- 6448283- [Methods for preventing/treating damage to sensory hair cells and cochlear neurons](#)
- 6429191- [Treatment of hearing impairments](#)
- 6159948- [Therapeutic and drug screening methods for the treatment and prevention of neuronal disease](#)
- 6161046- [Totally implantable cochlear implant for improvement of partial and total sensorineural hearing loss](#)
- 6175767- [Multichannel implantable inner ear stimulator](#)
- 6210321- [Electronic stimulation system for treating tinnitus disorders](#)
- 6225282- [Treatment of hearing impairments](#)
- 6265379- [Method for treating otic disorders](#)
- 6274554- [Method for preventing and treating hearing loss using a neurturin protein product](#)
- 6331537- [Carboxylic acids and carboxylic acid isosteres of N-heterocyclic compounds](#)
- 6358926- [Neurotoxin therapy for inner ear disorders](#)
- 6374143- [Modiolar hugging electrode array](#)
- 7030235- [Compositions to detect lesions associated with hearing loss in the cochlear gene, COCH5B2](#)
- 7076308- [Cochlear implant and simplified method of fitting same](#)
- 7330753- [Analysis of eating habits](#)
- 7412288- [Text to speech conversion in hearing systems](#)
- 7437195- [Regulation of eating habits](#)
- 7438910- [Therapeutic human anti-IL1-R1 monoclonal antibody](#)
- 7504231- [Method of alleviating chronic pain via peripheral inhibition of neurotransmitter synthesis](#)
- 7574265- [Cochlear implant and simplified method for fitting same](#)
- 7589110- [Delivery of modulators of glutamate-mediated neurotransmission to the inner ear](#)
- 7599500- [Processing signals representative of sound based on the identity of an input element](#)
- 7603174- [Stimulation of the amygdalohippocampal complex to treat neurological conditions](#)
- 7613519- [Peripheral nerve stimulation to treat auditory dysfunction](#)
- 7317944- [System and method for using a multi-contact electrode to stimulate the cochlear nerve or other body tissue](#)
- 7315761- [Electrical stimulation system and method for treating tinnitus](#)
- 7294345- [Otorhinological delivery device](#)
- 7122183- [Methods for treating autoimmune and chronic inflammatory conditions using antagonists of CD30 or CD30L](#)
- 7153883- [Carboxylic acids and carboxylic acid isosteres of N-heterocyclic compounds](#)
- 7171261- [Forward masking method for estimating neural response](#)
- 7194314- [Cochlear implant including a modiolar return electrode](#)
- 7225028- [Dual cochlear/vestibular stimulator with control signals derived from motion and speech signals](#)
- 7253169- [Aza compounds, pharmaceutical compositions and methods of use](#)
- 7273609- [Methods for treating autoimmune and chronic inflammatory conditions using antagonists of](#)

[CD30 or CD30L](#)

- 7276477- [Crystals of etanercept and methods of making thereof](#)
- 7277759- [Method of rapid neural response measurement without amplitude attenuation](#)
- 7283877- [Method of measuring neural responses](#)
- 7613520- [Spinal cord stimulation to treat auditory dysfunction](#)

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.

