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Associate Professor

Contact Information

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Born at Tehran on 27th of Jan, 1970

Education

1. Ph.D

Audiology, The University of Tokyo, Tokyo, Japan, 2003

Thesis Title: Protection against noise-induced hearing loss

Supervisor: ProfessorKimitakaKaga

2. MD

Medicine, Ghazvin University of Medical Sciences, Ghazvin, Iran, 1997

Thesis Title: Referral and follow up system of Tuberculosis patients

Supervisor: Ghasemi Barghi Reza

Language Skills

1. Persian

Speaking: Native, Reading: Native, Writing: Native

2. English

Speaking: Good, Reading: Good, Writing: Good

3. Japanese

Speaking: Medium, Reading: Medium, Writing: Poor

Experiences

Scientific Position

1. Faculty member

School of Rehabilitation Sciences, Iran University of Medical Sciences, 2008-present

2. Member of the directory board of Audiology and Speech Therapy

Ministry of Health and Medical Education, 2008-present

3. Member of Research Committee

Audiology Department, School of Rehabilitation Sciences, Iran University of Medical Sciences, 2008- present

4. Member of Education Committee

Audiology Department, School of Rehabilitation Sciences, Iran University of Medical Sciences, 2008- present

5. Head of the directory board of Audiology and Speech Therapy

Ministry of Health and Medical Education, 2009- present

6. Member of Research Committee

School of Rehabilitation Sciences, Iran University of Medical Sciences, 2009- 2011

7. Member of Scientific Committee

Rehabilitation Research Center, School of Rehabilitation Sciences, Iran University of Medical Sciences, 2009- 2018

8. Director of Higher Education

Audiology Department, School of Rehabilitation Sciences, Iran University of Medical Sciences, 2009- present

9. Member of Higher Education Committee

School of Rehabilitation Sciences, Iran University of Medical Sciences, 2009- present

10. Member of Electrophysiology Committee

Audiology Department, School of Rehabilitation Sciences, Iran University of Medical Sciences, 2012- present

11. Member of Central Auditory Processing Committee

Audiology Department, School of Rehabilitation Sciences, Iran University of Medical Sciences, 2012- present

12. Head of Animal Research Committee

Audiology Department, School of Rehabilitation Sciences, Iran University of Medical Sciences, 2012- present

13. Academic Advisor to Ph.D. students

Audiology Department, School of Rehabilitation Sciences, Iran University of Medical Sciences, 2009- present

Executive Position

1. Vice- Dean for International Affairs

School of Rehabilitation, Tehran University of Medical Sciences, Feb 2013- Oct 2013
(Iran University of Medical Sciences and Tehran University of Medical Sciences merged from 2011 till 2013)

2. Educational Credential Evaluator for Foreign Degrees in Audiology

Ministry of Health and Medical Education, 2012- present

3. Chairman

Department of Audiology, School of Rehabilitation Sciences, Iran University of Medical Sciences, Aug 2013- present

4. Member of Educational Credentials Committee for Faculty members

School of Rehabilitation, 2013- present

Course Teaching

- **Bachelor of Science in Audiology**

1. *Disorders of ENT and Head and Neck surgery*, Speech Therapy, 2007- 2008
2. *Disorders of ENT and Head and Neck Surgery*, Audiology, 2008- 2010; 2019- present
3. *Histology and Pathology*, Audiology, 2007- 2008
4. *Pediatrics disorders*, Audiology, 2008- 2009
5. *OAE*, Audiology, 2008- 2009
6. *Anatomy and Physiology of Hearing and Balance*, Audiology, 2008- 2016
7. *ENT clinic*, Audiology, 2008- 2009
8. *OAE clinic*, Audiology, 2010- 2011

- **Master of Science in Audiology**

1. *Neurophysiology of Hearing and balance*, Audiology, 2008- 2009
2. *Neuroscience with special emphasis on Auditory and Balance Systems*, Audiology, 2011- present
3. *Seminar*, Audiology, 2011- 2017

1. Ph.D. Program

1. *Neuroscience 1 (Neuron and synapses)*, Audiology, 2008- 2009
2. *Principles of Laboratory Animal Research*, Audiology, 2009- present
3. *Neuroscience 3 (hearing and balance)*, Audiology, 2009- present
4. *Seminars in Audiology*, Audiology, 2010- 2014

Grants & Contracts

- 1. The role of cholinergic and glutamatergic efferent system in noise- induced cochlear synaptopathy**
Status: Running, Executors: Akram Pourbakht, Sponsor: Iran National Science Foundation, Location: School of Rehabilitation Sciences, Main Partners: H Hadadzadeh, P Mahdi, H Haghani, N Shajari (IUMS), 2018.
- 2. The effect of hearing preservation education on listening behavior among personal music players users at high schools in Tehran**
Status: Running, Executors: Akram Pourbakht, Sponsor: School of Rehabilitation Sciences, Location: School of Rehabilitation Sciences, Main Partners: A Tahaie, J Sameni, N Rahbar, M Akbari, M Soleimani (IUMS), 2017.
- 3. The laterality between PARWIN and ANL among Learning Disordered children**
Status: Completed, Executors: Akram Pourbakht, Sponsor: School of Rehabilitation Sciences, Location: School of Rehabilitation Sciences, Main Partners: Schno Koik (MSc students, IUMS), ME Mahdavi (Shahid Beheshti University), 2017- 2018.
- 4. Evaluation of the overshoot phenomenon in Streptozotocin-induced Diabetic Auditory Neuropathy in rat by auditory brainstem responses**
Status: Running, Executors: Akram Pourbakht, Sponsor: School of Rehabilitation Sciences, Location: School of Rehabilitation Sciences, Main Partners: Hasan Hadadzadeh, Fatemeh Heidari (Ph.D. students, IUMS), 2017.
- 5. The effect of flankers symmetry on comodulation masking release in normal adults**
Status: Completed, Executors: Akram Pourbakht, Sponsor: School of Rehabilitation Sciences, Location: School of Rehabilitation Sciences, Main Partners: Leila Faraji (Ph.D. student, IUMS), 2016- 2018.
- 6. The effect of deferoxamine- potentiated mesenchymal stem cells on cochlear damage caused by noise**
Status: Completed, Executors: Akram Pourbakht, Sponsor: School of Rehabilitation Sciences, Location: School of Rehabilitation Sciences, Main Partners: Somayeh Niknazar (Shahid Beheshti University); Hasan Hadadzadeh (Ph.D. student, IUMS), 2016- 2018.
- 7. Effect of dichotic listening training in presence of multi-talker babble noise on recognition of speech in noise in learning- disabled children**
Status: Completed, Executors: Akram Pourbakht, Sponsor: School of Rehabilitation Sciences, Location: School of Rehabilitation Sciences, Main Partners: Mahdavi Mohamad Ebrahim (Ph.D. student), 2015- 2017.
- 8. The effect of hydrogen inhalation on apoptosis following simultaneous exposure to noise and carbon monoxide in guinea pigs cochlea**
Status: Completed, Executors: Akram Pourbakht, Sponsor: School of Rehabilitation Sciences, Location: School of Rehabilitation Sciences, Main Partners: Bagheri Fereshteh (Ph.D. student), 2015- 2017.

- 9. Spiral ganglion neurons densities in Streptozotocin-induced Diabetic Auditory Neuropathy in rat**
Status: Completed, Executers: Akram Pourbakht, Sponsor: School of Rehabilitation Sciences, Location: School of Rehabilitation Sciences, Main Partners: Heidari Fatemeh (Ph.D. student), 2015- 2017.
- 10. The role of global ischemia in hearing loss and endolymphatic hydrops in rat**
Status: Completed, Executers: Akram Pourbakht, Sponsor: Rehabilitation Research Center, Location: School of Rehabilitation, Main Partners: Jafarzade Sadegh (Ph.D. student), 2015- 2016.
- 11. Effect of frequency of conditioning on ABR threshold shifts in guinea pigs**
Status: Completed, Executers: Akram Pourbakht, Sponsor: Rehabilitation Research Center, Location: School of Rehabilitation, Main Partners: AzadehImani, 2011-2012.
- 12. The effect of body position on OAE suppression**
Status: Completed, Executers: Akram Pourbakht, ArashBayat, Sponsor: Rehabilitation Research Center, Location: School of Rehabilitation, Main Partners: SanazSoltanparast, HasanHadadzede, GolshanMomeni, 2010-2012.
- 13. Auditory selective attention influences contralateral SFOAE suppression in hearing adults**
Status: Completed, Executers: Akram Pourbakht, Sponsor: School of Rehabilitation, Location: School of Rehabilitation, Main Partners: SoheilaRostami, 2010-2011.
- 14. The effect of cisplatin chemotherapy on ABR in children**
Status: Completed, Executers: AkramPourbakht, Sponsor: School of Rehabilitation, Location: School of Rehabilitation, Main Partners: MahsaBakhit, MasomehRouzbahani, 2010-2011.
- 15. The effect of celecoxib against gentamycin- induced ototoxicity in guinea pigs_ histological evaluation**
Status: Completed, Executers: Akram Pourbakht, Sponsor: Rehabilitation Research Center, Location: School of Rehabilitation, Main Partners: -, 2009-2012.
- 16. Cis-platin- induced hearing loss screening in children using DPOAE**
Status: Completed, Executers: Akram Pourbakht, Sponsor: Rehabilitation Research Center, Location: School of Rehabilitation, Main Partners: AzadehImani, 2009- 2010.
- 17. The Protective effect of N-acetyl cysteine against simultaneous monoxide carbon- and noise-induced hair cell damage in rabbits**
Status: Completed, Executers: Akram Pourbakht, Sponsor: School of Rehabilitation, Location: School of Rehabilitation, Main Partners: Mehdi Akbari, 2009-2009.
- 18. Noise-induced cochlear damage in conditioned guinea pigs by means of histological evaluation_ 1st step**

Status: Completed, Executors: Akram pourbakht, Sponsor: Cellular and Molecular Research Center, Location: School of Rehabilitation, Main Partners: Bahram Jalali, 2009-2012.

Papers

English

1. **The comparison of the comodulation masking release (CMR) in individuals with and without chronic tinnitus**
Leila Faraji, **Akram Pourbakht***, Hamid Haghani
Neurosci Lett. 2019 Apr 9;704:195-200
2. **An overview of the tinnitus network activity and its clinical implications**
Samer Mohsen, **Akram Pourbakht***
Aud Vest Res (2018); 27(4):171-178.
3. **Morphology variations of click-evoked auditory brainstem response with low and high rate stimuli in rat**
Sadegh Jafarzadeh, **Akram Pourbakht***
Aud Vest Res (2018) *Aud Vest Res* (2018); 27(4):171-178.
4. **Multisite transcranial Random Noise Stimulation (tRNS) modulates the EEG oscillatory power and distress network activity in chronic tinnitus**
*Samer Mohammad Mohsen, Saeid Mahmoudian, Saeed Talebian, Akram Pourbakht **
2018; Submitted.
5. **Correlation analysis of the tinnitus handicap inventory and distress network in chronic tinnitus: an EEG study**
*Samer Mohammad Mohsen, Saeid Mahmoudian, Saeed Talebian, Akram Pourbakht**
Basic and Clinical Neuroscience, 2018; In revision.
6. **Prefrontal and auditory tRNS in sequence for treating chronic tinnitus: a modified multisite protocol**
*Samer Mohammad Mohsen, Saeid Mahmoudian, Saeed Talebian, Akram Pourbakht**
Brain Stimulation, 2018; DOI: [10.1016/j.brs.2018.04.018](https://doi.org/10.1016/j.brs.2018.04.018)
7. **The efficacy and safety of multiple sessions of multisite transcranial Random Noise Stimulation (tRNS) in treating chronic tinnitus**
*Samer Mohammad Mohsen, Akram Pourbakht, Saeed Talebian, Saeid Mahmoudian**
Brazilian Journal of Otorhinolaryngology, 2018; In press.
8. **Comparison of the minimum plateau width by plateau and a new method in people with conductive hearing loss**
*Jalal Sameni, Ahmad Daneshi, Aliakbar Tahae, Mohammad Kamali, Akram Pourbakht**
Journal of Audiology and Otology, 2018; 22(4):229-235.
9. **Asymmetric flankers in Comodulation Masking Release**
Akram Pourbakht, Leila Faraji*
Journal of Audiology and Otology, 2019; Jan;23(1):27-32.

10. **Impact of Prenatal Stress on Temporal Properties of SC-Induced Hearing Protection in Rats Pups**
Ebrahim Pirasteh; Mehdi Akbari, Akram Pourbakht*
International Journal of Life science and Pharma Research, 2018; Accepted.
11. **The effect of prenatal stress on Auditory Brainstem Responses in rat pups.**
Ebrahim Pirasteh; Mehdi Akbari, Akram Pourbakht, et al.*
Health Scope, 2018 August; 7(3):e55019.
12. **Acceptable noise level in learning disordered children**
Shno Koiek, Akram Pourbakht, Mohammad Ebrahim Mahdavi, Ali Akbar Tahaei*
Aud Vest Res (2018); 27(2): 86- 92.
13. **Effect of early vestibular rehabilitation on vertigo and unsteadiness of patients with acute and sub- acute head trauma**
Sadegh Jafarzadeh, Akram Pourbakht, Eshagh Bahrami, Shohreh Jalaie, Arash Bayat*
Iranian Journal of Otorhinolaryngology, 2018, Vol.30 (2), Serial No.97.
14. **The effect of hydrogen inhalation on temporary threshold shift following simultaneous exposure to noise and carbon monoxide in guinea pigs**
Fereshteh Bagheri; Akram Pourbakht; Ahmadreza Raisi; Mohamad Kamali; Mohamad Faridan*
Journal of Health Scope, 2017, accepted
15. **Comparison of Cochlear Microphonics Magnitude with Broad and Narrow Band Stimuli in Healthy Adult Wistar Rats**
Fatemeh Heidari, Akram Pourbakht, Seyed Kamran Kamrava, Mohammad Kamali, Abbas Yousefi*
Iranian Journal of Child Neurology, 2018; 12(2):58-65.
16. **Comparison of vestibulo-ocular reflex instantaneous gain and velocity regression in differentiating the peripheral vestibular disorders**
M Ahadi, N Rezazadeh, A Pourbakht*
Auditory and Vestibular Research (2017): 26 (4), 195-201
17. **Deferoxamine Promotes Mesenchymal Stem Cell Homing in Noise-Induced Injured Cochlea through PI3K/AKT Pathway**
*Aliasghar Peyvandi, Hojjat-Allah Abbaszadeh, Navid Ahmadi Roozbahany, Akram Pourbakht, Shahrokh Khoshsirat, Hassan Haddadzade niri, Hassan Peyvandi, Somayeh Niknazar**
Cell Proliferation 2018; e12434; DOI: 10.1111/cpr.12434.
18. **Auditory Recognition of Words and Digits in Multi-Talker Babble in Learning-Disabled Children with Dichotic Listening Deficit**
Mohammad Ebrahim Mahdavi, Akram Pourbakht, Akram Parand, Shohreh Jalaie, Maryam Rezaeian, and Elham Moradiju*
Iran Red Crescent Med J. 2017 April; 19(4):e42817; doi: 10.5812/ircmj.42817

19. **A Model to Determine the Level of Serum Aldosterone in the Workers Attributed to the Combined Effects of Sound Pressure Level, Exposure Time and Serum Potassium Level: A Field-Based Study**
*Parvin Nassiri**, *Sajad Zare*, *Mohammad Reza Monazzam*, ***Akram Pourbakht***
 Jundishapur J Health Sci. 2017 April; 9(2):e38167; doi: 10.17795/jjhs-38167.

20. **Test-Retest Reliability and Minimal Detectable Change of Randomized Dichotic Digits in Learning-Disabled Children: Implications for Dichotic Listening Training**
Mohammad Ebrahim Mahdavi, ***Akram Pourbakht****, *Akram Parand*, *Shohreh Jalaie*
 J Am Acad Audiol, 2018; 29(3), 223-232(10); DOI: 10.3766/jaaa.16134

21. **Noisy galvanic vestibular stimulation enhances spatial memory in cognitive impairment-induced by intracerebroventricular-streptozotocin administration**
Mansoureh Adel Ghahraman, *Maryam Zahmatkesh**, ***Akram Pourbakht***, *Behjat Seifi*,
Shohreh Jalaie, *Soheila Adeli*, *Zohreh Niknami*
 Physiology & Behavior 157 (2016) 217–224

22. **Evaluation of the effects of occupational noise exposure on serum aldosterone and potassium among industrial workers**
Sajad Zare, *Parvin Nassiri**, *Mohammad Reza Monazzam*, ***Akram Pourbakht***, *Kamal Azam*,
Taghi Golmohammadi
 Noise Health Journal (2016); Volume: 18, Issue: 80, Page: 1-6.

23. **The effects of abnormality of cVEMP and oVEMP on rehabilitation outcomes in patients with idiopathic benign paroxysmal positional vertigo**
Hoseinabadi R, ***Pourbakht A***, *Yazdani N**, *Kouhi A*, *Kamali M*
 Eur Arch Otorhinolaryngol. 2016 (March) Volume: 273 Issue: 3 Pages: 643-648

24. **Contra-lateral Auditory Brainstem Responses in Dyslexia**
Akbari M, *Joghataei MT**, ***Pourbakht A***, *Jenabi MS*
 Iran J Child Neurol. 2016 Fall; 10(4):10-15.

25. **The effect of otic melanocyte destruction on auditory and vestibular function: A study on vitiligo patients**
Mahdi, P., *Amali, A.*, *Ruzbahani, M.**, ***Pourbakht, A.***, *Mahdavi, A.*
 Acta Medica Iranica, Volume 54, Issue 2, 12 March 2016, Pages 96-101

26. **Assessment of the Effects of Different Sound Pressure Levels on Distortion Product Otoacoustic Emissions (DPOAEs) in Rats**
Parvin Nassiri, *SajadZare*, *Mohammad Reza Monazzam Esmailpour*, ***AkramPourbakht***,
Kamal Azam, *Taghi Golmohammadi*
 IJOH 8: 93-99, 2016

27. **A Study of the Effect of Two Meaningful Syllables Stimuli in Auditory Brainstem Responses Using Correlation and Coherence Analyses**
Amin Asgharzadeh-Alavr, *AmirHomayoun Jafari*, *Zahra Shirzhiyan*, *AmirSalar Jafarpisheh*,
Azadeh Ghalyanchi-Langeroudi, ***Akram Pourbakht***
 Frontiers in Biomedical Technologies (2015) August 2015, Volume 2, Issue 2 80 – 86.

- 28. Nonlinear feature extraction for objective classification of complex auditory brainstem responses to diotic perceptually critical consonant-vowel syllables**
Amir Salar Jafarpisheh, Amir Homayoun Jafari, Mohammadjavad Abolhassani, Mohammad Farhadi, Hamed Sadjedi, Akram Pourbakht, Zahra Shirzhiyan
Auris Nasus Larynx 43 (2016) 37–44
- 29. Evaluation of Distortion Product Otoacoustic Emissions among workers exposed to different industrial noise levels**
SajadZare, ParvinNassiri, Mohammad Reza Monazzam, AkramPourbakht, Kamal Azam, TaghiGolmohammadi
Electron Physician 2015 Jul 20;7(3):1126-34. doi: 10.14661/2015.1126-1134
- 30. Auditory Brainstem Responses during Menstrual Cycle and Pregnancy**
SaharAvizheh, Mehdi Akbari, JamilehFatahi, AkramPourbakht, ShohrehJalaie, BehnoushVasaghi, KianoushSheikholeslami*
AVR, (2015); 24(4):217-223.
- 31. Creatine supplement affects cervical vestibular myogenic potentials in healthy volunteers**
VahidMoradi, Mansoureh Adel Ghahraman, AkramPourbakht, ShohrehJalaie, Soufia Naghdi*
Aud Vest Res (2015); 24(2):42-47.
- 32. Impact of Amplitude Compression Settings of Hearing Aid on Acceptable Noise Level**
Hamid Jalilvand, AkramPourbakht, HamedSadjedi, ShohrehJalaie*
Journal of the American Academy of Audiology 2015 accepted
- 33. The Relationship between Hearing Aid Frequency Response and Acceptable Noise Level (ANL) in Patients with Sensorineural Hearing Loss**
Hamid Jalilvand, AkramPourbakht, HamedSadjedi, ShohrehJalaie*
Advanced Biomedical Research 2015 4:256.
- 34. Comparison Between Speech and Non-Speech Stimulus in Dyslexia: A MMN Study**
M Akbari, MT Joghataei, APourbakht, MS Jenabi*
Journal of Language, Linguistics and Literature, Vol. 1, No. 2, 2015, pp. 7-11
- 35. Hearing Aid or Tinnitus Masker: Which One Is the Best Treatment for Blast-Induced Tinnitus? The Results of a Long-Term Study on 974 Patients**
Hamid Jalilvand, AkramPourbakht, Hamid Haghani*
[AudiolNeurotol.](#) 2015; 20(3):195-201. DOI: 10.1159/000377617
- 36. Validity and reliability of the Persian version of the dizziness handicap inventory**
SadeghJafarzadeh, EshaghBahrami, AkramPourbakht, ShohrehJalaie, Ahmad Daneshi*
Journal of Research in Medical Sciences J Res Med Sci 2014; 19:769-75.
- 37. A Novel Approach for Extracting Important Cues in Complex Auditory Brainstem Response to/da/Using Fuzzy Model**
AS Jafarpisheh, AH Jafari, Z Shirzhiyan, M Ahadi, A Pourbakht*
Frontiers in Biomedical Technologies 2014; 1 (3), 200-210.
- 38. Speech Evoked Auditory Brainstem Response in Stuttering**
AA Tahaei, H Ashayeri, APourbakht, M Kamali*
Scientifica, 2014; Volume 2014, Article ID 328646, 7 pages

39. **Gender disparity on the subcortical encoding of binaurally presented speech stimuli: An auditory evoked potentials study**
*Mohsen Ahadi, AkramPourbakht**, Amir HomayounJafari, Zahra Shirjian, Amir SalarJafarpisheh
 Auris Nasus Laryncus 2014; 41, 239–243.
40. **Effects of stimulus presentation mode and subcortical laterality in the speech-evoked auditory brainstem responses**
*Mohsen Ahadi, AkramPourbakht**, Amir HomayounJafari
 International Journal of Audiology 2014 Apr; 53(4):243-9.
41. **Translation, Validity and Reliability of Persian Version of the “Iowa Tinnitus Handicap Questionnaire”**
*Homa Arian Nahad, MasumehRouzbahani**, FarnoushJarollahi, ShohrehJalaie, AkramPourbakht, HelnazMokrian, Parvane Mahdi, Amin Amali, AbdolmajidNodinZadeh
 Iranian Journal of Otorhinolaryngology 2014,Article 4, Volume 26, Issue 75, Page 79-87.
42. **Saccular Function in Otosclerosis Patients: Bone Conducted-Vestibular Evoked Myogenic Potential Analysis**
Amin Amali, Parvane Mahdi, AlirezaKarimiYazdi, EbrahimRazmpa, HamedEmami, and AkramPoubakht
 ActaMedicalIranica, 2014 Feb; 52(2):111-5.
43. **Protective effect of silymarin on noise-induced hearing loss in guinea pigs**
*GhassemMohamadkhani ,AkramPourbakht**, MahnazKhanavi, SoghratFaghihzadeh
 Iranian Red Crescent Medical Journal, Year. 2013, Vol, 15, No: 11.
44. **Auditory Temporal Processing Abilities in Early Azari-Persian Bilinguals**
RoyaSanayi, GhassemMohamadkhani ,AkramPourbakht , Leila Jalilvand, ShohrehJalayi , SoudabehShokri*
 Iranian Journal of Otorhinolaryngology, Vol.25, No.4, Year. 2013,
45. **Vestibular Evoked Myogenic Potential Produced by Bone-Conducted Stimuli: A Study on Its Basics and Clinical Applications in Different Groups of Patients**
Parvaneh Mahdi, Amin Amali, AkramPourbakht, AlirezaKarimiYazdi, Ali Basam
 Iranian Journal of Otolaryngology, Year. 2013, Vol.25, No.3.
46. **Vestibular rehabilitation outcomes in the elderly with chronic vestibular dysfunction**
ArashBayat, AkramPourbakht, Nader Saki, ZuraidaZainon, SoheilaNikakhlagh, GolshanMirmomeni
 Iranian Red Crescent Medical Journal, Vol.14, No.11, Year. 2013, Page: 708- 705.
47. **Sound sensitivity of the saccule for low frequencies in healthy adults**
SeyedeFaranakEmami, AkramPourbakht, Ahmad Daneshi, KianoushSheykhholeslami, HessamedinEmamjome, and Mohammad Kamali*
 ISRN Otolaryngology, 2013
48. **A Comparison of Auditory Perception in Hearing-Impaired and Normal- Hearing Listeners: an Auditory Scene Analysis Study**

Arash Bayat, Mohammad Farhadi*, **AkramPourbakht**, HamedSadjei, HesamEmamdjomeh, GolshanMirmomeni
Iranian Red Crescent Medical Journal, Year. 2013, Vol, 15, No: 11: E9477.

49. **Comparing the results of acoustically evoked short latency negative responses by 500 and 1000 Hz tone burst**
SeyyedeNazaninHajjari, Maryam Ramezani, AbdolrezaSheibanizadeh, AkramPourbakht, HomaZarinkoub, MohammadKamali
Journal of pure and applied microbiology 2012; Vol.6, No.3, Year.
50. **The Effect of Celecoxib, a Cyclooxygenase- 2 Inhibitor on Noise-induced Hearing Loss**
AkramPourbakht*
Iranian Journal of Basic Medical Sciences 2012; 16(5):726-30.
51. **The protective effect of conditioning on noise-induced hearing loss is frequency-dependent**
AkramPourbakht*, AzadehImani
Acta Medica Iranica 2012; Vol.50, 10: 664-669,
52. **Vestibular Hearing and Speech Processing**
*SeyedeFaranakEmami, AkramPourbakht, KianoushSheykholeslami, Mohammad Kamali, FatholahBehnoud, Ahmad Daneshi**
ISRN Otolaryngology, Year. 2012, Volume 2012, Article ID 850629, 7 pages
53. **Ebselen prevents noise-induced excitotoxicity and temporary threshold shift**
Yamasoba T, Pourbakht A, Sakamoto T, Suzuki M*
Neuroscience Letter 2005, Vol.380, No.3: Page: 234-8,
54. **Ebselen attenuates cochlear damage caused by acoustic trauma**
Akram pourbakht, Tatsuya Yamasoba*
Hearing Research 2003, Vol.181: Page: 100-108,
55. **Cochlear damages caused by continuous and intermittent noise exposure**
AkramPourbakht, Tatsuya Yamasoba*
Hearing Research 2003, Vol.178: Page: 70-78,
56. **Distortion evoked otoacoustic emission using GSI 70 analyzer for neonatal screening.**
AkramPourbakht, KianoushSheykholeslami, KimitakaKaga*
International Journal of Pediatric Otorhinolaryngology 2002, Vol.64:217-223,

Persian

1. **Oxidative stress and noise induced cell death**
Akram pourbakht, Sahar Shomeil Shoushtari, Sahand Nekouian, Mojtaba Tavakoli
Scientific Journal of Rehabilitation Medicine, 2018, in press
2. **Clinical Applications and Psychometric Properties of Dizziness Handicap Inventory in English, Persian and other Languages**
Jafarzadeh S, Bahrami E, Pourbakht A, Jalaie Sh
Journal of Paramedical Science and Rehabilitation (JPSR), 2017:6 (2): 98- 108.

3. **Review on Results of Vestibular Rehabilitation in Patients with Vestibular Abnormalities as Consequence of Head Trauma and Related Abnormalities**
Sadegh Jafarzadeh, **Akram Pourbakht**, Bahram Eshaghi, Shohreh Jalaie
Journal of Paramedical Science and Rehabilitation (JPSR), 2018; 7 (4): 92-98.
4. **Vestibular Abnormalities in Persons with Sensorineural Hearing Loss**
Sadegh Jafarzadeh, **Akram Pourbakht**, Bahram Eshaghi, Shohreh Jalaie, Arash Bayat
Journal of Paramedical Science and Rehabilitation (JPSR), 2018; 7 (3): 78- 88.
5. **Study of Distortion Product Otoacoustic Emissions Amplitude Shifts Following Exposure to Noise**
Hamed Nadri, Mohammad Ranjbarian, Mehdi Akbari, Ali Khavanin, **Akram Pourbakht**
Journal of Acoustical Engineering Society of Iran, 2015; 2: 56- 66.
6. **SPEECH-EVOKED AUDITORY BRAINSTEM RESPONSES IN ADULT PERSIAN-SPEAKERS**
Author(s): AHADI MOHSEN, **POURBAKHT AKRAM**, JAFARI AMIR HOMAYOUN, SHIRJIAN ZAHRA, JAFARPISHEH AMIR SALAR
AUDIOLOGY 2014, Volume 23, Number 3; Page(s) 13- 21
7. **Fuzzy logic based modeling of auditory brainstem responses to spoken syllable /da/**
Authors: Zahra ShirJian, Mohsen Ahadi, Amir Salar Jafarpisheh, **Akram Pourbakht**, Amir Homayoun Jafari
Journal of research in hearing, speech and language, 2014, vol 1, No 1, 27- 34.
8. **Neurophysiological representation of speech fundamental frequency and formant structure in the auditory system using frequency-following responses**
Authors: Mohsen Ahadi, **AkramPourbakht**, Amir HomayounJafari, Zahra Shirjian, Amir SalarJafarpisheh
Journal of research in hearing, speech and language, 2014, vol 1, No 1, 11- 18.
9. **Comparison of auditory middle latency responses in Azari -Persian bilinguals and Persian monolingual**
Authors: SudabehShokri, GhasemMohamadkhani, **AkramPourbakht**, ShohrehJalayi, RoyaSanayi
J Res RehabilSci, 2013; 9(5)
10. **The effect of body position on OAE suppression**
Authors: ArashBayat, **AkramPourbakht**, SanazSoltanparast, HasanHadadzadeh, GolshanMomeni
Arak Medical University Journal, Vol.15, No.68, Year. 2013, Page:27- 21,
11. **Protection of Noise-induced hair cell damage by sound conditioning in guinea pigs**
Authors: **AkramPourbakht**, Bahram Jalali
Journal of Medical Council of Islamic Republic of Iran, Year. 2012,Vol 30, No 2, 128- 135.
12. **Effect of sound conditioning on click auditory brainstem response threshold shifts in guinea pigs**

Authors: AzadehImani, **AkramPourbakht**, Mehdi Akbari, MasoudMotalebiKashani
Iranian Journal of Audiology, Vol.21, No.3, Year. 2012,

13. Ocular vestibular evoked myogenic potentials in normal-hearing adults

Authors: Maryam Ramezani, AbdorezaSheibanizadeh, **AkramPourbakht**,
HomaZarrinkoub, Mohammad Kamali, SeyedeNazaninHajari
Iranian Journal of Audiology, Vol.21, No.2, Year. 2012, Page:42-49,

14. Comparison acoustically evoked short latency negative response with vestibular evoked myogenic potential in adults with profound hearing loss

Authors: SeyedeNazaninHajari, AbdolrezaSheibanizadeh, **AkramPourbakht**,
HomaZarrinkoub, Mohammad Kamali, Maryam Ramezani
Iranian Journal of Audiology, Vol.21, No.1, Year. 2012, Page:17-25,

15. The effect of cisplatin on ABR in Children

Authors: MahsaBakht, **AkramPourbakht**, MasomehRouzbahani, Shahla Ansari,
MohamadKamali
Iranian Journal of Audiology, Vol.21, No.1, Year. 2012, Page: 46-53,

16. Auditory selective attention effect on contralateral suppression of stimulus-frequency otoacoustic Emissions

Authors: SoheilaRostami, **AkramPourbakht**, MohamadKamali, BahramJalaei
Iranian Journal of Audiology, Vol.20, No.2, Year. 2011,

17. Effect of N-acetylcysteine in protecting from simultaneous noise and carbon monoxide-induced hair cell loss

Authors: **AkramPourbakht**
Iranian Journal of Audiology, Vol.20, No.1, Year. 2011, Page:107- 115,

Thesis

Supervisor

- 1. The Effect of Metabotropic Glutamate Receptor Activation on Reduction of Noise-induced Cochlear Synaptopathy in Guinea Pig: Based on Electrophysiological and Histological Evaluation**
Parvaneh Mahdi,
Ph.D., Audiology, Ongoing.
- 2. Investigating the effect of temporal and spectral regularities on Bi-stable perception of auditory streams using Behavioral and Electrophysiological assessments**
Sanaz Soltanparast,
Ph.D., Audiology, Ongoing.
- 3. The effect of auditory efferent nerves dissection on the overshoot phenomenon by using auditory brainstem response in guinea pigs**
Hasan Hadadzadeh,

Ph.D., Audiology, Ongoing.

4. **The effect of a multisite transcranial random noise stimulation (tRNS) on tinnitus loudness, distress, mismatch negativity response (MMN) and electroencephalography (QEEG) in chronic tinnitus subjects**
Samer Mohammad Mohsen,
Ph.D., Audiology, ENT from Syria, Aug 2018
5. **Evaluation of Comodulation Masking Release (CMR) in patients with tinnitus in comparison to normal persons**
Leila Faraji,
Ph.D., Audiology, Ongoing
6. **Estimation of Masking curve minimum plateau width between two given points by using Subtraction of Noises Difference from tones Differences in comparison with the data Provided by Traditional method in Normal Hearing, Conductive & Sensorineural Hearing loss people.**
Seyyed Jalal Sameni
Ph.D., Audiology, July 2018
7. **The effect of hydrogen inhalation on hearing following simultaneous exposure to noise and carbon monoxide in guinea pigs**
Fereshteh Bagheri,
Ph.D., Audiology, Sep 2017
8. **Development and Audiological Monitoring of Auditory Neuropathy in Streptozotocin-induced Diabetic Rats**
Fatemeh Heidari,
Ph.D., Audiology, Jul 2017
9. **Effect of dichotic attending, listening and recalling training in presence of multi-talker babble noise on recognition of speech in noise in learning-disabled children**
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Ph.D., Audiology, Jun 2017
10. **Effects of galvanic vestibular stimulation on spatial memory in a rat model of streptozotocin-induced experimental sporadic dementia of Alzheimer's type**
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Ph.D., Audiology, Feb 2015

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Ph.D., Audiology, Jun 2015
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Mehdi Akbari,
Ph.D., Neuroaudiology, May 2015
- 14. Assessment of vestibular rehabilitation on improvement of stability in acute and sub acute head trauma patients with vestibular system, otolith and/or posterior semicircular canal deficits**
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Ph.D., Audiology, Sep 2014
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Arash Bayat,
Ph.D., Audiology, Jan 2014
- 16. Evaluation of Prophylactic effect of silymarin on noise-induced hearing loss in guinea pig utilizing auditory brainstem response**
Ghasem Mohamadkhani,
Ph.D., Audiology, Oct 2013
- 17. Analysis and detection of binaural interaction in Speech Evoked auditory brainstem responses**
Mohsen Ahadi,
Ph.D., Audiology, Mar 2013
- 18. The Comparison between PARWIN and ANL among Learning Disordered children with and without speech perception problem in noise**
Shno Koik,
MSc, Audiology, Jan 2018
- 19. The Effect of pregnancy in Auditory Brainstem Response**
SaharAvizheh
MSc, Audiology, Jun 2015
- 20. Keratin effect on VEMP**
Vahid Moradi
MSc, Audiology, Jan 2015
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Soudabeh Shokri,
M.Sc, Audiology, Nov 2013

22. Temporal resolution in bilingual people

Roya Sanaei,
M.Sc, Audiology, Sep 2013

23. The effects of sound conditioning on click ABR threshold shift in guinea pigs

Azadeh Imani,
M.Sc, Audiology, Sep 2010

24. The effect of platinum drug family on auditory brainstem responses in 6 months to 12 years old children referred from Aliasghar hospital

Mahsa Bakhit,
M.Sc, Audiology, Sep 2009

25. auditory selective attention effect on contralateral suppression of stimulus-frequency otoacoustic Emissions

Soheila Rostami,
M.Sc, Audiology, Sep 2009

26. Hair cell regeneration

Atefeh Davodzadeh,
B.Sc, Audiology, Aug 2010

27. ABR: Threshold estimation and diagnosis

Ali Bastin,
B.Sc, Audiology, Sep 2010

28. cisplatin ototoxicity: monitoring in children

Mehrnaz Mohebi,
B.Sc, Audiology, Sep 2010

29. List of ototoxic drug in Iran

Sanaz Soltanparast and Hanieh Bayati,
B.Sc, Audiology, Mar 2010

30. Gene therapy in ARNSD with TECTA deficiency

Fatemeh Mirghaemi,
B.Sc, Audiology, Jul 2009

31. Mojgan Masoom,
B.Sc, Audiology, Sep 2009

32. The role of genetic factors in common hearing loss

Azadeh Zabihian,
B.Sc, Audiology, Sep 2009

33. Non- syndromic genetic hearing loss

Hamed Shakerian,

B.Sc, Audiology, May 2009

Advisor

1. **Effects of prenatal stress on the protection of the "sound preconditioning" in neonatal rats**
Ebrahim Pirasteh
Ph.D., Audiology, Nov 2017
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10. Comparison of oVEMP and caloric test results in patients affected with vestibular schwannoma

Maryam Ramezani,
M.Sc, Audiology, July 2009

11. ASRN and VEMP in profound hearing loss adults

Nazanin Hajari,
M.Sc, Audiology, July 2009

12. Development and reliability of TAP test in Iranian 18- 28 years old people

Etemadi Maryam, YousefiSamie,
B.Sc, Audiology, 2013

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