

## CURRICULUM VITAE



### SHAHROKH KHOSHSIRAT

- ∅ Associate Professor of Otorhinolaryngology, Head and Neck Surgery
- ∅ Department of Otorhinolaryngology, School of Medicine
- ∅ Hearing Disorders Research Center
- ∅ Loghman Hakim Hospital, Shahid Beheshti University of Medical Sciences

#### 1. PERSONAL INFORMATION

NAME: SHAHROKH

SURNAME: KHOSHSIRAT

DATE OF BIRTH: 20/03/1969

#### 2. EDUCATION:

- Medical school: 1992-1998, Azad University, Tehran Medical Branch, Tehran- Iran
- Residency period: 2000-2004, Shahid Beheshti University of Medical Sciences, Department of Otolaryngology and Head&Neck Surgery (ENT), Loghman-e-Hakim Hospital, Tehran-Iran

#### 3. PRESENT ACTIVITIES:

1. From 2004 to 2015: Assistant professor in Azad University, Tehran Medical Branch, ENT department, Buali Hospital, Tehran-Iran,

2. From 2005 to 2013: **One of the 10 members of the board of IRANIAN MEDICAL COUNCIL**

3. **From 2007 to 2012: Member and The Chief of the "CME Committee" of IRANIAN MEDICAL COUNCIL**

4. **Since 2016: One of the 10 members of the board of IRANIAN MEDICAL COUNCIL**

**5- Since 2016: Head of Primary Court of Medical Council of Tehran**

6. Since 2016: Assistant professor in Shahid Beheshti University of Medicine, ENT department, Loghman Hakim Hospital, Tehran-Iran,

#### **4. CERTIFICATES & LICENSES:**

1. Professional Doctorate Degree (M.D.)
2. Board certified, Iranian Otolaryngology and Head&Neck Surgery
3. Fellowship in Rhinology from Tehran medical university (one year)
4. Fellowship in Facial plastic surgery from Tehran medical university (six months)

#### **5. RESEARCH:**

1. The prevalence of cervical mycobacterial lymphadenopathy in Masih Daneshvari Center of Research, from 2001 to 2004 (Published).

2. Evaluation of post-intubation tracheal stenosis in Masih Daneshvari Hospital, from 1999 to 2006 (Published).

3. Facial anthropometric analysis of 300 Iranian patients undergone cosmetic rhinoplasty at Bouali ,Taleghani ,Loghman and Fatemeh Zahra Hospitals, from 2004 to 2006 and its comparison with normal cases (Soon will be published).

4. A review on effectiveness of Ipratropium bromide spray on rhinorea due to a common cold in patients at Buali hospital between 2007- 2008.

5. Evaluating and surveying the results of Audiometrical screening of primary school children in five primary schools in Tehran during 2007-2008.

6. The efficacy of Mitomycin C on synechia after FESS in ethmoid and sphenoid sinuses in patients admitted in Imam-Khomeini Hospital in 2011 and 2012.

## 7. PUBLICATIONS:

1. Authoring a book as Essential of Otolaryngology.

2. Authoring a book on "ENT Cases", in companion with a team of authors, published in 2002, Teymourzadeh publications

### Articles:

1. Osteoblastoma of C2 vertebrae presented with lymphadenopathy and torticollis: Case report and review of literature

M Samadian, SF Maroufi, H Bahrami-Motlagh, FB Zerehpooch, ...  
Interdisciplinary Neurosurgery 29, 101557

2. Combined treatment of retinoic acid with olfactory ensheathing cells protect gentamicin-induced SGNs damage in the rat cochlea in vitro

S Niknazar, HA Abbaszadeh, S Khoshsir, FZ Mehrjerdi, AA Peyvandi  
Molecular and Cellular Neuroscience 121, 103752

3. Molecular mechanisms and signaling pathways involved in immunopathological events of COVID-19

AA Peyvandi, S Niknazar, F Zare Mehrjerdi, HA Abbaszadeh, ...  
Physiology and Pharmacology 25 (3), 193-205

4. Apelin-13 prevents apoptosis in the cochlear tissue of noise-exposed rat via Sirt-1 regulation

S Khoshsir, HA Abbaszadeh, AA Peyvandi, F Heidari, M Peyvandi, ...  
Journal of Chemical Neuroanatomy 114, 101956

5. NUPR1-CHOP experssion, autophagosome formation and apoptosis in the postmortem striatum of chronic methamphetamine user

FST Mirakabad, MS Khoramgah, MA Abdollahifar, AS Tehrani, ...

Journal of Chemical Neuroanatomy 114, 101942

6. The contributory role of long non-coding RNAs (lncRNAs) in head and neck cancers: Possible biomarkers and therapeutic targets?

NA Dilmaghani, S Khoshsir, M Shanaki-Bavarsad, ...  
European Journal of Pharmacology 900, 174053

7. Predicting the Tendency towards Rhinoplasty Based on Obsessive-Compulsive Disorder and Body image

R Tajally, F Mechi  
Journal of Otorhinolaryngology and Facial Plastic Surgery 7 (1), 1-10

8. Optic Neuritis Secondary to Paranasal Sinusitis: A Case Report

S Khoshsir, N Majdinasab, L Ahangarnazari  
Journal of Otorhinolaryngology and Facial Plastic Surgery 7 (1)

9. Hearing status in patients with overdose of illicit drugs

F Mokhtarnejad, AA Peyvandi, S Shadnia, H Peyvandi, M Rezvani, ...  
Medical Journal of the Islamic Republic of Iran 35, 56

10. Ginkgo biloba modulates hippocampal BDNF expression in a rat model of chronic restraint stress-induced depression

SA Ayatollahi, AA Peyvandi, O Rezaei, F Zare Mehrjardi, A Nahavandi, ...  
Physiology and Pharmacology 24 (4), 285-297

11. LC3 and ATG5 overexpression and neuronal cell death in the prefrontal cortex of postmortem chronic methamphetamine users

S Khoshsir, MS Khoramgah, GR Mahmoudiasl, M Rezaei-Tavirani, ...  
Journal of Chemical Neuroanatomy 107, 101802

12. Trans-nasal trans-sphenoidal endoscopic resection of spindle cell oncocytoma of adenohypophysis: The first case report in a child and a review of literature

M Samadian, S Mousavinejad, S Khoshsir, M Dehghan, G Sharifi, ...  
Asian Journal of Neurosurgery 15 (01), 210-213

13. Chondrosarcoma of the Nasal Septum and Introduction of a Case Admitted to Department of Otolaryngology at Loghman Hakim Hospital

M Khajavi, A Zangane  
Journal of Otorhinolaryngology and Facial Plastic Surgery 6 (1), 1-5

14. The effect of low-level laser therapy and curcumin on the expression of LC3, ATG10 and BAX/BC12 ratio in PC12 cells induced by 6-hydroxide dopamine

FST Mirakabad, MS Khoramgah, F Tahmasebinia, S Darabi, S Abdi, ...  
Journal of Lasers in Medical Sciences 11 (3), 299

15. A review of low-level laser therapy for spinal cord injury: challenges and safety

S Vafaei-Nezhad, MP Hassan, M Noroozian, A Aliaghaei, AS Tehrani, ...  
Journal of Lasers in Medical Sciences 11 (4), 363

16. Trehalose increase proliferation and decrease apoptosis in hair cells induced by Hydrogen peroxides

HA Abbaszadeh, AS Tehrani, S Niknazar, S Khoshsirat  
Journal of Otorhinolaryngology and Facial Plastic Surgery 6 (1), 1-5

17. Thyroid Gland Involvement and the Efficiency of Thyroidectomy in Patients Having Larynx and Hypopharyngeal Cancers Treated with Surgery

A Nasehi, HA Abbaszadeh, NA Roozbahany, MS Khoramgah, ...  
International Journal of Cancer Management 12 (10)

18. Protective effect of [Pyr1]-apelin-13 on oxidative stress-induced apoptosis in hair cell-like cells derived from bone marrow mesenchymal stem cells

Niknazar, S., Abbaszadeh, H.-A., Peyvandi, H., Khoshsirat, S., Peyvandi, A.A.  
2019 European Journal of Pharmacology  
853, pp. 25-32

19. Protective effect of photobiomodulation therapy and bone marrow stromal stem cells conditioned media on pheochromocytoma cell line 12 against oxidative stress induced by hydrogen peroxide

Khoshsirat, S., Abbaszadeh, H.A., Khoramgah, M.S., Tahmasebinia, F., Hassan, M.P.  
2019. Journal of Lasers in Medical Sciences  
10(3), pp. 163-170

20. Comparison results of nasal septum suturing and nasal packing following septoplasty

AA Peyvandi, M Oroei, S Khoshsirat  
Romanian Journal of Rhinology 9 (34), 97-99

21. The evaluation of head and neck neoplasm in young and old adults

M Oroei, AA Peyvandi, H Peyvandi, S Khoshsirat, N Motamedi  
Social Determinants of Health 5 (2), 117-125. 2019

22. Ribbon Synapse Reformation: A Key Role for the Hearing Restoration; A Review

S Niknazar, AA Peyvandi, HA Abbaszadeh, S Khoshsirat  
Journal of Hearing Sciences and Otolaryngology 5 (2), 1-6

23. Stapedotomy and Stapedectomy Outcomes as Surgical Approaches in Juvenile Otosclerosis: A Systematic Review

S Khoshsirat, H Peyvandi, Z Abbasi, M Khajavi  
Journal of Hearing Sciences and Otolaryngology 5 (2), 1-4

24. Tongue-in-Groove technique for Reconstruction of Nasal Tip Ptosis due to Rhinoplasty, A Cross-Sectional Study

S Khoshsirat, S Shiravand

Journal of Hearing Sciences and Otolaryngology 5 (3), 1-6

25. Cell Therapy in Hearing Loss Treatment: A Review of Recent Advances

B Ahrabi, HA Abbaszadeh, S Khoshsir, AA Peyvandi, MS Khoramgah, ...  
Journal of Otorhinolaryngology and Facial Plastic Surgery 5 (1), 1-8.

26. The Estimation of Thyroid Cancer Risk based on Type 2 Diabetes Mellitus and ABO Blood Group

S Khoshsir, AA Peyvandi, M Oroei, H Peyvandi, A Rezaeifard  
Turkish Journal of Oncology 35 (1)

27. Exosome therapy in spinal cord injury: A review

S Khoshsir, A Keramatnia, MS Khoramgah, S Vafaei-Nezhad, ...  
Journal of Hearing Sciences and Otolaryngology 5 (2), 1-8

28. The Influence of PDS in Patients under Septoplasty Surgery

Z Soroureddin, S Shiravand, S Khoshsir  
Journal of Hearing Sciences and Otolaryngology 5 (3), 1-6

29. Neuroprotective effects of curcumin on the proliferation and viability of neural stem cells against H<sub>2</sub>O<sub>2</sub>

MS Khoramgah, AA Peyvandi, S Niknazar, S Darabi, S Khoshsir, ...  
J. Otorhinolaryngol. Facial Plast. Surg 5, 1-7

30. Cell Therapy and Tissue Engineering in Bone Defect Reconstruction; A Review

S Khoshsir, MS Khoramgah, A Keramatnia, S Niknazar, S Darabi, ...  
Journal of Otorhinolaryngology and Facial Plastic Surgery 5 (2), 1-8

31. Chronic Noise Exposure Activates Apoptosis Signaling Pathway in the Rat Auditory Cortex

S Niknazar, HA Abbaszadeh, H Forooghira, F Shahbazi, AA Peyvandi, ...  
Journal of Hearing Sciences and Otolaryngology 5 (3), 1-5

32. The effect of photobiomodulation therapy on the differentiation, proliferation, and migration of the mesenchymal stem cell: a review

B Ahrabi, MR Tavirani, MS Khoramgah, M Noroozian, S Darabi, ...  
Journal of Lasers in Medical Sciences 10 (Suppl 1), S96

33. The Effects of Propofol-Remifentanil Vs Midazolam-Remifentanil on Hemodynamic Stability during Stapedectomy: A Randomized Clinical Trial

F Mokhtarineja, AA Peyvandi, R Talakoub, S Khoshsir, NA Roozbahany, ...  
Journal of Hearing Sciences and Otolaryngology 4 (1), e4-e4

34. The Outcomes of Dome Cut in Rhinoplasty versus Alternative Methods in Patients with Various Nasal Tip Deformities

S Khoshsir, S Shiravand, Z Soroureddin

35. Deferoxamine promotes mesenchymal stem cell homing in noise-induced injured cochlea through PI3K/AKT pathway Peyvandi, A.A., Abbaszadeh, H.-A., Roozbahany, N.A., , Peyvandi, H., Niknazar, S. 2018. Cell Proliferation 51(2),e12434

36. A brief report of plexiform neurofibroma. Khajavi, M., Khoshsir, S., Ahangarnazari, L., Majdinasab, N. 2018. Current Problems in Cancer 42(2), pp. 256-260

37. Evaluation of the effect of BMSCs condition media and methylprednisolone in TGF- $\beta$  expression and functional recovery after an acute spinal cord injury Khoshsir, S., Abbaszadeh, H.A., Ahrabi, B., Roozbahany, N.A., Darabi, S. 2018. Bratislava Medical Journal 119(11), pp. 684-691

38. Interactome analysis of 11-dehydrosinulariolide-treated oral carcinoma cell lines such as Ca9-22 and CAL-27 and melanoma cell line Peyvandi, A.A., Khoshsir, S., Safaei, A., Rezaei-Tavirani, M., Azodi-Zamanian, M. 2017. International Journal of Cancer Management 10(7),e10096

39. Signaling Pathways Involved in Auditory Hair Cells Development. Khoshsir, S., Navid Ahmady Roozbahany 2019. The Journal of Otorhinolaryngology and Facial Plastic Surgery

40. Approaches of auditory hair cells induction from stem cells. Khoshsir, S., Navid Ahmady Roozbahany 2019. The Journal of Otorhinolaryngology and Facial Plastic Surgery

41. Current and Future Treatment Options for Hearing Loss. Khoshsir, S., 2019. The Journal of Otorhinolaryngology and Facial Plastic Surgery

42. Nasal Hump Resection by Guiding a Simple Needle: How We Do It?. Khoshsir, S., Oroei, M., 2019. The Journal of Otorhinolaryngology and Facial Plastic Surgery

43. Cell Therapy; a New and Safe Strategy for the Treatment of Spinal Cord Injury: A Review. Hojjat-Allah Abbaszadeh., Khoshsir, S., 2019 The Journal of Otorhinolaryngology and Facial Plastic Surgery