



**Samer Mohamad Mohsen MD, ENT Specialist, PhD**

Assistant Professor

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## **Education:**

### **1. Ph.D**

Audiology, Iran University of Medical Sciences, Tehran, Iran, 2018

**Thesis Title:** The effects of a multisite transcranial Random Noise Stimulation (tRNS) on tinnitus loudness, distress, mismatch negativity response (MMN) and electroencephalography (QEEG) in chronic tinnitus subjects.

**Supervisors:** Akram Pourbakht and Saeid Mahmoudian.

### **2. ENT**

Department of Otolaryngology head and neck surgery, Faculty of Medicine, Damascus University, Damascus, Syria, 2010.

**Thesis title:** Repair of Bilateral cleft Lip in single stage surgery.

**Supervisor:** Ayham Saeid.

### **3. MD:**

Medicine, Damascus University, Damascus, SYRIA, 2005

**Thesis Title:** Obesity and Diabetes Mellitus

**Supervisor:** Maher Khedre

## **Language Skills**

- 1. Arabic:** Speaking: Native, Reading: Native, Writing: Native
- 2. English:** Speaking: Excellent, Reading: Excellent, Writing: advanced
- 3. Persian:** Speaking: Excellent, Reading: Advanced, Writing: advanced

## **Experiences:**

### **Scientific Position**

1. Faculty member: Faculty of Medicine, Damascus University, Damascus, Syria, 2018-present.
2. Member of Scientific and Research Board, Damascus, Syria, 2018-present.
3. Academic Advisor to Master students, ENT, Master of Audiology, Damascus University, Damascus, Syria, 2018-present.

### **Executive Position**

1. Vice- Dean for Educational Affairs, Faculty of Health Sciences, Damascus University, Damascus, Syria, 2018-present.
2. Head of Audiology and Speech Therapy Department, Faculty of Health Sciences, Damascus University, Damascus, Syria, since September 2021.
3. Consultant and Advisor at Ministry of Health, National Newborn Hearing Screening Program, Damascus, Syria, 2021-present.
4. Consultant Audiologist and Research Advisor at Military Medical Services, Damascus, Syria, 2018-present.
5. Consultant Audiologist at Aamal, The Syrian Organization for Persons with Disability, Damascus, Syria, 2018-present.

### **Course Teaching**

#### **• Bachelor of Science in Audiology**

1. Acoustics, Psychoacoustics, Physiology of Hearing, Essentials of Audiology ..., Department of Audiology, Faculty of Health Sciences, Damascus University.
2. Disorders of ENT and Head and Neck surgery, 2016- 2017, IUMS, Iran.

#### **• Bachelor of Science in Speech Therapy**

2. Pediatrics Hearing disorders, Introduction to Audiology, Anatomy and Physiology of Hearing and Speech, Aural Rehabilitation, Faculty of Health Sciences, Damascus University, Damascus, Syria, 2018-present.

## • Master of Audiology

OAE, Hearing aids, Hearing screening, Pediatric Audiology, Auditory Training, Electrophysiology, Iran University of Medical Sciences, Iran 2017-2018

Electrophysiology, Introduction to Audiology, Essential of Audiology, Aural Rehabilitation, Central Auditory Processing, Pediatrics Audiology, Clinical Practicum in Audiology, Project of Audiology, Damascus University, Damascus, Syria, 2018-present; University of Aleppo since 12/2020, and Tishreen University since November 2021.

## Published Papers:

1. Prefrontal and auditory tRNS in sequence for treating chronic tinnitus: a modified multisite protocol, S Mohsen, S Mahmoudian, S Talebian, A Pourbakht; *Brain stimulation* 11 (5), 1177-1179
2. Correlation analysis of the tinnitus handicap inventory and distress network activity in chronic tinnitus: an EEG study, S Mohsen, S Mahmoudian, S Talbian, A Pourbakht; *Basic and Clinical Neuroscience* 10 (5), 499-514
3. The efficacy and safety of multiple sessions of multisite transcranial random noise stimulation in treating chronic tinnitus, S Mohsen, A Pourbakht, M Farhadi, S Mahmoudian; *Brazilian Journal of Otorhinolaryngology*
4. Multisite transcranial Random Noise Stimulation (tRNS) modulates the distress network activity and oscillatory powers in subjects with chronic tinnitus, S Mohsen, S Mahmoudian, S Talebian, A Pourbakht; *Journal of Clinical Neuroscience* 67 (September 2019), 178-184
5. The potential role of auditory prediction error in decompensated tinnitus: An auditory mismatch negativity study, M Mohebbi, A Daneshi, A Asadpour, S Mohsen, M Farhadi; *Brain and Behavior* 9 (4), e01242.
6. An overview of the tinnitus network activity and its clinical implications, S Mohsen, A Pourbakht; *Auditory and Vestibular Research* 27 (4), 171-178
7. Noninvasive neuromodulation of tinnitus with transcranial current stimulation techniques with insight into neurobiology and neuroimaging, A Moossavi, S Mohsen; *Auditory and Vestibular Research* 25 (2), 89-97
8. The Role of Preventive Measures or a Previously Immunized Population: A Pilot Study on Coronavirus Disease-19 in Syria, S Almousa, A Suleiman, S Mohsen; *Int Electron J Med*, In Press

9. Job's Syndrome With a Family History of Kawasaki Disease: A Case Presentation and Review of Literature, T Yared, S Mohsen, Disease & Diagnosis 10 (1), 24-27
10. Shannon Entropy Measures for EEG Signals in Tinnitus; M Sadeghijam, S Talebian, S Mohsen, M Akbari, A Pourrbakh; Neuroscience Letters
11. Validity and Reliability of the Arabic Version of Children's Auditory Performance Scale, G Ghuzlan, S Mohsen; Auditory and Vestibular Research, In Press.
- 12.

### **Editorial Board & Reviewing Activities**

1. Verified review of "The Relationship Between Psychoacoustic and Electrophysiological Assessments of Temporal Resolution" for [Journal of the American Academy of Audiology](#)
2. Verified review of "Association Between Trace Elements Concentration and Acute Ischemic Stroke" for [Basic and Clinical Neuroscience](#)
3. Verified review of "Stress and auditory cortical evoked potentials in tinnitus sufferers" for [Medical Hypotheses](#)
4. Verified review of "Speech-evoked Auditory Brainstem Response in contralateral noise: a potential tool to evaluate rostral part of the auditory efferent system" for [Medical Hypotheses](#)
5. Verified review of "The Tinnitus Induction in Animals and Its Impact on Auditory System Structure" for [Auditory and Vestibular Research](#)
6. Verified review of "Evaluating the Mediator Role of Cognitive Function in the Occurrence of Dysphagia in Patients with Dementia: A Study Protocol" for [Basic and Clinical Neuroscience](#)
7. Verified review of "Neural Substrates of Tinnitus: Effects of Tinnitus Severity" for [Brain and Behavior](#)
8. Review of "Validity and reliability of word pairs task for declarative memory assessment" for [Basic and Clinical Neuroscience](#)
9. Verified review of "Declarative Memory and Individual Linguistic Differences in Children" for [Basic and Clinical Neuroscience](#)
10. Review of "Balloon Eustachian Tuboplasty: new experience and concepts" for [Auditory and Vestibular Research](#)
11. Review of "Auditory spatial training-induced changes in release of informational masking in older adults" for [Audiology and Neurotology Journal](#).

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### **Conferences & workshops:**

1. Speaker at the 5<sup>th</sup> international conference of cochlear implant, Iran 2018.

2. Speaker at the 14<sup>th</sup>, 15<sup>th</sup>, and 16<sup>th</sup> Audiology congress, Iran 2016-2018.
3. Speaker and trainer on A series of Workshops about tinnitus therapy, tinnitus cognitive behavioural therapy, EEG analysis and Brain Mapping, Electrical Stimulation, Parents Counseling for parents of patients with hearing loss, Iran 2016-2018.
4. Speaker at the first seminar of tinnitus management in Tehran Iran 2018.
5. One of the nine founder members of Iran Tinnitus Management Group.
6. Speaker At the last three congresses of Syrian Society of ENT and the First Audiology Day, Damascus, Syria, 2018-Present.

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**References:**

<https://publons.com/dashboard/records/review/>

<https://scholar.google.com/citations?user=0vKmTLcAAAAJ&hl=en>

<https://www.scopus.com/redirect.uri?url=http://www.orcid.org/0000-0003-1853-9445&authorId=57203509467&origin=AuthorProfile&orcid=0000-0003-1853-9445&category=orcidLink>

<https://www.researchgate.net/profile/Samer-Mohsen-2>