

## Curriculum Vitae

### PERSONAL INFORMATION :

**Name:** Hesham M. Samy, M.D., Ph.D.

**DOB:** Dec 12, 1961, Egypt

**Citizenship:** Egypt

**CURRENT APPOINTMENT:** Associate professor of Audiovestibular medicine, Otolaryngology Dept, Minia University hospital

**Email :** [samyhm@hotmail.com](mailto:samyhm@hotmail.com)  
hesham.samy@mu.edu.eg

### EDUCATION:

- **MB. B. Ch. (MD)** School of Medicine, Ain-Shams University, Cairo, Egypt (1984)
- **M. Sc. Audiology.** School of Medicine, Ain-Shams University, Cairo, Egypt (1990).
- **Ph.D. Audiology.** School of Speech Pathology & Audiology, Kent State University, Kent, Ohio, United States of America (1999).

### FELLOWSHIPS:

- School of Speech Pathology & Audiology, Kent State University, Kent, Ohio, United States of America
- Northeastern Ohio Universities College of Medicine, Rootstown, Ohio, USA.
- Cleveland Hearing & Balance Center, Cleveland, Ohio, United States of America.

### HONORS:

- Excellence Award. School of Medicine, Ain Shams University, Cairo, Egypt. (1978-1984)
- Dissertation Award. Kent State University, Kent, Ohio, United States of America (1999).

### Professional Appointments:

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|--------------|---|
| 2010-present | Assistant professor of Audiovestibular medicine<br>Faculty of Medicine, Minia University, Minia, Egypt            |
| 1999-2010    | <b>Lecturer of Audiology</b><br>Faculty of Medicine, Minia University, Minia, Egypt                               |
| 2001-2005    | <b>Consultant and Head of Hearing &amp; Balance Unit</b> , ENT center, King Fahd Hospital, Jeddah, Saudia Arabia. |
| 1991         | <b>Assistant Lecturer of Audiology</b><br>Faculty of Medicine, Minia University, Minia, Egypt                     |
| 1988         | <b>Resident of Audiology</b><br>Audiology and Communication Sciences Unit   |

1987	Ain-Shams University Hospitals, Cairo, Egypt <b>Teaching Assistant of Anatomy</b> Faculty of Medicine, Ain-Shams University, Cairo, Egypt
1985	<b>House officer(Rotation internship)</b> Ain-Shams University Hospitals, Cairo, Egypt

### **POSTGRADUATE TRAINING:**

1995-1999	Doctoral candidate. School of Speech Pathology & Audiology, Kent State University, Kent, Ohio, U.S.A.
1996	Research Assistant. Section of Vestibular & Balance Disorders, Otolaryngology & Communication Disorders Dept., Cleveland Clinic Foundation, Cleveland, Ohio, U.S.A.
1997-1999	Research Assistant. North Eastern Ohio Universities College of Medicine, Rootstown, Ohio, U.S.A. Area of research: Molecular biology of hearing & balance disorders.
1997-1999	Clinical Research Assistant. Cleveland Hearing & Balance Center, Cleveland, Ohio, U.S.A

### **POSTGRADUATE COURSES AND WORKSHOPS:**

- Fitting Multi-Channel Compression Aids. Ohio Speech and Hearing Association. Columbus, Ohio, USA. July 1995.
- Management of infants and children with hearing loss. The Cleveland Clinic Foundation, Cleveland, Ohio, USA. August 1996.
- Workshop in College teaching. College of Education, Kent State University, Kent, Ohio, USA. Fall 1997.
- Vestibular testing and Rehabilitation workshop. Midwest Ear, Nose & Throat Institute, Evansville, Indiana, USA. June 1997.
- Clinical ENG Interpretation. Ohio Speech and Hearing Association. Columbus, Ohio, USA. October 1997.
- Clinical ENG Interpretation and Rehabilitation. Ohio Speech and Hearing Association. Columbus, Ohio, USA. April 1998.
- Aural Rehabilitation with Cochlear Implants. Kent State University, Kent, Ohio, USA. June 1998.
- Workshop in writing for publication. College of Education, Kent State university, Kent, Ohio, USA. Summer 1998.
- Advance signal processing hearing aids. Cleveland Clinic Foundation, Cleveland, Ohio, USA. August 1998.

- Course on Desired Sensation Level. Independence, Ohio, USA. January 1999.
- Molecular biology techniques in ENT. Association for Research in Otolaryngology. St Petersburg, Florida, USA. February 1999.
- Advanced Technology Options for Children with Hearing Impairment. Oticon international annual meeting. Fort Lauderdale, Florida, USA. November 2000.
- Neural Telemetry Recording in Cochlear Implant Patients. Cochlear. Mechelen, Belgium. June 2004.

### **TEACHING EXPERIENCE:**

<b>2001-2005</b>	Audiovestibular Medicine. ENT Saudi Board, Jeddah, KSA.
<b>1991-1994, 1999-present</b>	Clinical Audiology. Faculty of Medicine, Minia University, Minia, Egypt.
<b>Spring 1999</b>	Physical Basis of Speech. School of Speech Pathology & Audiology, Kent State University, Kent, Ohio, USA.
<b>Fall 1999</b>	Hearing Sciences. School of Speech Pathology & Audiology, Kent State University, Kent, Ohio, USA.

### **PUBLICATIONS:**

- Assessment of cochlear function in vitiligo patient (1993). The New Egyptian Journal of Medicine, vol:8, No.5, 1363-1366.
- Click evoked Otoacoustic emissions in tinnitus patients with normal hearing (1994). El Minia Medical Bulletin vol:5 ,No 1
- Molecular changes in cochlear nucleus receptors following unilateral inner ear ablation (2000) Association for Research in Otolaryngology, St. Petersburg, Florida, U.S.A Abstract.
- Effect of inner ear ablation on the genetic representation of cochlear nucleus neuro-receptors. (2000) Association for Research in Otolaryngology, St. Petersburg, Florida, U.S.A. Abstract
- Molecular biology of auditory and vestibular system.(2001). Current Opinion in Otolaryngology & Head and Neck Surgery. Vol 9(5) 310-313.
- High stimulus rate combined Electrocochleography /Auditory brainstem responses. Journal of American Otological Society.
- Dexamethasone intratympanic injection in patients with uncontrolled Meniere's disease. (2003). Egyptian journal of otolaryngology. Vol 20(2) 213-2180
- Effect of electromagnetic waves on normal cochlear physiology. El Minia Medical Bulletin (2005)
- Vestibular & Balance Rehabilitation. Book Chapter. Medical Otology and Neurotology. Thieme. New York. May,2006.

## **ACADEMIC & PROFESSIONAL AFFILIATIONS:**

- Egyptian Medical Syndicate.
- American Academy of Audiology
- American Auditory Society
- Kent State University Alumni, Kent, Ohio, USA.
- Association for Research in Otolaryngology
- Cleveland Hearing & Balance Center, Cleveland, Ohio, USA.
- Cairo Ear Center, Cairo, Egypt.
- Egyptian ENT Society
- Saudi ORL Society
- Saudi Council for Health Specialties.

## **PRESENTATIONS:**

- Molecular changes in brainstem receptors following inner ear ablation. Northeastern Ohio Universities College of Medicine, Rootstown, Ohio, USA. April 1999.
- Molecular Changes in Cochlear nucleus neuroreceptors after unilateral inner ear ablation. Association for Research in Otolaryngology. St Petersburg, Florida, USA. February 2000.
- Molecular biology of auditory & vestibular system. Audiology unit, Ain Shams University Hospitals, Cairo, Egypt. April 2000.
- Molecular biology of auditory & vestibular system. Audiology unit. Assuit University Hospitals, Assuit, Egypt. January 2001.
- Molecular biology of auditory & vestibular system. Audiology unit . Cairo University Hospitals, Cairo, Egypt. March 2001.
- Management of dizzy patients. Saudi Council for Health Specialties. King Fahd Hospital, Jeddah, KSA. November 2001.
- Dexamethasone injection in patients with unilateral Meniere's. Egyptian ORL meeting. Cairo, Egypt. January 2002.
- Management of paroxysmal benign positional vertigo. First Otology Course. ENT Center, King Fahd Hospital, Jeddah, KSA. March 2002.
- Efficacy of canalith repositioning maneuver in benign paroxysmal positional vertigo. First course in management of dizzy patients. King Fahd Hospital, Jeddah, KSA. March 2002.
- Efficacy of the repositioning maneuver in posterior canal benign positional vertigo. Saudi national symposium on the diseases of the ORL. Dammam, KSA. April 2002.
- Effects of electromagnetic waves emitted from cellular phones on cochlear function. Otology symposium. National Guard Hospital, Riyadh, KSA. October 2002.
- Molecular biology of hearing and vestibular loss. Otology symposium. National Guard Hospital, Riyadh, KSA. October 2002
- Canalith repositioning maneuver in benign paroxysmal positional vertigo. First Otology Symposium. National Guard Hospital, Riyadh, KSA. October 2002.
- Intra-tympanic therapy in Patients with Meniere's Disease. ENT Club, Jeddah, KSA. September 2003.

- Molecular Changes after Peripheral Hearing Loss. Fifth Saudi ORL, Head & Neck Surgery Conference. Dahrhan, KSA. October 2003.
- Effects of Peripheral Hearing & Vestibular Loss on Molecular Correlates of Central processing. Fifth International Conference of the Saudi ORL Society. October 2004. Dahrhan, KSA.
- Molecular Biology of the vestibular system. Mansoura University Hospitals, Mansoura, Egypt. February 2006.
- Effect of sensory deprivation on molecular representation of Brainstem neuroreceptors. Alexandria International ORL congress. Alexandria, Egypt. April 2006.
- Molecular Biology of central vestibular compensation. Egyptian ORL meeting. Cairo. November 2006
- Clinical approach to Dizzy patient. 8<sup>th</sup> International meeting. Egyptian ORL Society. Cairo. January 2008

#### **RELEVANT PROFESSIONAL EXPERIENCES AND ACCOMPLISHMENTS:**

- The establishment of Minia University Audiology Unit in 1989. This was the first center to offer clinical services in the field of management, screening, and rehabilitation of hearing loss for children and adults in the province.
- The establishment of vestibular unit and vertigo clinic at King Fahd Hospital, Jeddah, KSA.2002. This project involved the acquisition of equipment, technical and support staff and the development of specialized programs to optimize its operation.