



Dr. Limor Lavie

Department of Communication Sciences and Disorders

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Education

- 1979-1981 B.A.** Tel-Aviv University, School of Medicine, Speech & Hearing Communication Disorders Department. **Graduated with honors**
- 1992-1996 M.A.** Tel-Aviv University, Department of Linguistics. Thesis: "Co-articulation and hearing in phonology – aspects from partial use of distinctive features in the speech of people with profound hearing loss". **Graduated with honors**
- 2006-2011 Ph.D.** University of Haifa, Graduate Studies Authority, The committee for Doctoral Studies. Dissertation: "Plasticity of the auditory system in the elderly following hearing aid usage".

Academic positions

- 1995-1996 **Tutor.** Tel-Aviv University, Department of Linguistics
- 2005-2006 Teaching fellow. University of Haifa, Faculty of Social Welfare and Health Studies, Department of Communication Sciences and Disorders
- 2006-2010 **Research student.** University of Haifa, Faculty of Social Welfare and Health Studies, Department of Communication Sciences and Disorders
- 2011-2013 **Teaching fellow.** University of Haifa, Faculty of Social Welfare and Health Studies, Department of Communication Sciences and Disorders
- 2013-2019 **Lecturer. Head of Audiology Studies.** University of Haifa, Faculty of Social Welfare and Health Studies, Department of Communication Sciences and Disorders.
- 2020-current **Senior Lecturer. Head of Audiology Studies.** University of Haifa, Faculty of Social Welfare and Health Studies, Department of Communication Sciences and Disorders.

Professional positions

1981-1983	Speech & Hearing Clinician, MICHA society for deaf and hard of hearing children, Haifa
1982-1983	Audiologist, HMO (Kupat Holim) "Lin", The audiology department, Haifa
1983-1988	Head , Speech and hearing department, "Assuta" Hospital, Tel-Aviv
1988-1992	Audiologist, "Omniton-Bosch" hearing aids, Tel-Aviv
1992-1994	Head , "Orthophone" diagnostic and rehabilitative hearing and speech clinic, Ramat-Gan
1994-current	Head , "Mazorphone" diagnostic and rehabilitative hearing clinic, Tel-Aviv (Tel-Aviv and Jerusalem until 2010)

Professional associations

2012-current	The Israeli Speech, Hearing and Language Association. Board
2013-current	The Israeli Society for Auditory Research (ISAR). Board (scientific committee)
2015-current	European Federation of Audiology Societies (EFAS). Board (non-voting representative)
1981-current	The Israeli Speech, Hearing and Language Association. Member
2005-current	The Israeli Society for Auditory Research (ISAR). Member
2009-current	European Federation of Audiology Societies (EFAS). Member
2011-current	The Israeli Academy of Audiology (IAA). Member
2016-2017	International Society of Audiology. Member
2019-current	International Association of Logopedics and Phoniatrics (IALP). Member

Ad-hoc reviewer

Quality of Life Research; International Journal of Speech-Language Pathology; International Journal of Audiology; US-Israel Binational Science Foundation (BSF)

Invitations to and participation in Knesset committees

Special committee for public application. Issue: hearing aid fitting procedure in the elderly; Committee for work, welfare and health. Issue: hearing aid fitting procedure; Committee for work, welfare and health. Issue: the triopole, operated by the health organizations, which harms hard of hearing individuals; Committee for education, culture and sports. Issue: taking care of hearing-impaired school children.

Committees and consultations

Certification committee, The Ministry of Health

Nomination as a Court expert in hearing rehabilitation

National Social security: changing the guidelines for determination of hearing impairment disability

Ministry of Health (the nationwide head of speech, language and hearing pathology): suggestions for changes in the procedure for behavioral hearing screening in first grade school children

Ministry of Health (the nationwide head of speech, language and hearing pathology): hearing loss and falls in the elderly

Funding and Grants

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| 2014-2015 | The National Institute of Psychobiology in Israel. Listener, stimulus and procedural factors in the perceptual learning of time compressed speech and its generalization |
| 2017-2018 | The research authority. Hearing screening in school-age children |
| 2017-2018 | The faculty of welfare and health. Hearing screening in school-age children |
| 2018-2020 | Israel Science Foundation (ISF). Age, hearing and rapid learning in the recognition of perceptually difficult speech |
| 2019 | Israeli Speech Language and Hearing Association (ISHLA). Developing and adjusting to Hebrew of an adaptive hearing screening test for school age and kindergarten children |

Scholarships and awards

2009	The European Federation of Audiology Societies 2009 Scholarship
2013	International Symposium on Auditory and Audiological Research 2013 Scholarship
2015	The European Federation of Audiology Societies 2015 Scholarship
2015	The 2015 Editor's Award of the Journal of Speech, Language and Hearing Research

Teaching

Introduction to phonology (Undergraduate)

Hearing aids laboratory (Undergraduate)

Advanced topics in audiology (Undergraduate)

Research seminar - geriatric audiology (Graduate, with Prof. Karen Banai)

Neuro-Otology (Undergraduate)

Research seminars in audiology (Undergraduate)

Basic audiology (Undergraduate)

Academic writing (Graduate)

Clinical integration in hearing rehabilitation (Undergraduate)

Active aging (Undergraduate)

Clinical training in hearing rehabilitation (Graduate)

Clinical integration (Undergraduate)

Publications

- **Lavie L.**, Attias J. (2009). Plasticity of the auditory system in the elderly. *Proceedings of the EFAS (European Federation of Audiological Societies) 2009 conference.*
- **Lavie L.**, Attias, J., Karni, A. (2013). Semi-structured listening experience (listening training) in hearing aids fitting: influence on dichotic listening. *American Journal of Audiology*, 22:347-350
- **Lavie L.**, Banai K., Attias J., Karni A. (2014). Better together: reduced compliance after sequential vs. simultaneous binaural hearing aids fitting. *American Journal of Audiology*, 23:93-98
- Simchony, M., Grinberg, M., **Lavie, L.**, Banai, K. (2014). Rapid adaptation to time-compressed speech in young and older adults. *Journal of Basic and Clinical Physiology and Pharmacology*, 25: 285-288.

- **Lavie, L.**, Banai, K., Attias, J., Karni, A. (2014). How difficult is difficult? Speech perception in noise in the elderly hearing impaired. *Journal of Basic and Clinical Physiology and Pharmacology*, 25: 313-314.
- **Lavie L.**, Banai K., Attias J. (2014). Dichotic listening: A predictor of speech in noise perception in older hearing-impaired adults? Auditory Plasticity – Listening with the Brain. *Proceedings of the 4th International Symposium on Auditory and Audiological Research*, August 2013, Nyborg, Denmark, 357-364.
- **Lavie L.**, Banai K, Karni A, Attias J. (2015). Hearing Aid-Induced Plasticity in the Auditory System of Older Adults: Evidence from Speech Perception. *Journal of Speech, Language and Hearing Research*, 58: 1601-1610 Winner of the ASHA 2015 Editor's Award of the Journal of Speech, Language and Hearing Research
- **Lavie L.** (2015). "I hear but I can't understand": Communication with older adults. In: Practical Gerontology. Prilutzky D, Cohen M, eds. Joint, Israel, ESHEL. Pp. 259-293
- Agmon M., **Lavie L.**, Mihalis D. (2017). The association between hearing loss and postural control in older adults: a systematic review. *Journal of the American Academy of Audiology*, 28: 575-588
- Karawani H., **Lavie L.**, Banai K., (2017). Short-term auditory learning in older and younger adults. *Proceedings of the 6th International Symposium on Auditory and Audiological Research*, August 2017, Nyborg, Denmark, 1-8
- Manheim, M., **Lavie, L.**, Banai, K. (2018). Age, hearing and the perceptual learning of rapid speech. *Trends in Hearing*, 22:1-18.
- Nitsan, G., Wingfield, A., **Lavie, L.**, Ben-David, B.M. (2019). Spoken Word Recognition as a Resource-Free Process? Evidence from Eye-Movements. *Trends in Hearing*, 1-12.
- Rotman, T., **Lavie L.**, Banai K., (2020). Rapid perceptual learning of time-compressed speech and the perception of natural fast speech in older adults with presbycusis. *Proceedings of the 7th International Symposium on Auditory and Audiological Research*, August 2019, Nyborg, Denmark, 93-100 (Peer reviewed)
- Banai, K. & **Lavie, L.**, (2020). Perceptual learning and speech perception: A new hypothesis. *Proceedings of the 7th International Symposium on Auditory and Audiological Research*, August 2019, Nyborg, Denmark, 53-60 (Peer reviewed)
- Rotman, T., **Lavie L.**, Banai K., (2020). Rapid perceptual learning: A potential source of individual differences in speech perception under adverse conditions? *Trends in Hearing*, 24, 1-16