

Curriculum Vitae

1. Personal Details

Address: Shivtey Israel 3/4, Beit Shemesh 9952205, Israel

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2. Higher Education

- 1999-2004 Ph.D. in Biology, Bar Ilan University
Advisors: Prof Harvey Babkoff, Prof Avi Susswein
Dissertation title: "The Effect of Aging on Event Related Potentials (ERP) and Behavioral Responses: Comparison of Tone and Speech Stimuli."
- 1990-1993 M.A. in Neurobiology, Hebrew University, Jerusalem.
Mentor: Prof Haim Sohmer
Thesis title: "Development of Hearing in neonatal rats: Air and Bone conducted ABR thresholds, and the effect of the Thyroid hormone."
- 1987-1990 B.A. in Communication Disorders, Tel Aviv University.

3. Academic Ranks

- 2004- Lecturer part time in Audiology
Department of Communication Disorders
Hadassah Academic College, Jerusalem

4. Additional Positions

- 1991- Audiologist – diagnosis, evaluation and rehabilitation
Since 1999 head of Neonatal Hearing Screening program
Since 2019 Deputy Director
Speech and Hearing Clinic, Hadassah University Medical Center

Reviewer – scientific journals

International Journal of Audiology

International Journal of Pediatric Otorhinolaryngology

DASH – Journal of Israeli Speech Hearing and Language Association

Membership in scientific organizations

Israeli Speech, Hearing and Language Association

Israeli Society for Auditory Research

Research Activities

Present Research Activities

Mechanisms of bone conduction

Cochlear implant: hearing and quality of life questionnaires

Neonatal hearing screening

6. Participation in Conferences

a. Active Participation

DATE	NAME OF CONFERENCE	PLACE OF CONFERENCE	SUBJECT OF LECTURE / DISCUSSION	ROLE
לעדכן				
February 2023	Annual Conference of the Israeli Speech, Hearing and Language Association	Tel Aviv	Quality of life in cochlear implant adults as measured with the CIQOL-35 questionnaire translated and adapted into Hebrew	Presenter
February 2022	Annual Conference of the Israeli Speech, Hearing and Language Association	zoom	Long term audiological follow-up of children with cCMV	Presenter
May 2021	European Federation of Audiology Societies	zoom	ABR wave 5 latency to click and tonal stimulation at different intensities in normal hearing infants	Presenter
February 2021	Annual Conference of the Israeli Speech, Hearing and Language Association	zoom	Soft Tissue Conduction and the Occlusion Effect assessed with a Stethoscope	Presenter
February 2021	Annual Conference of the Israeli Speech, Hearing and Language Association	zoom	Panel: 10 years of national neonatal hearing screening	Invited Presenter
February 2020	Annual Conference of the Israeli Speech, Hearing and Language Association	Tel Aviv	Norms of ABR wave 5 latency at threshold intensity to tonal stimulation in normal hearing infants	Presenter
October 2019	Annual Meeting of the Israeli Society for Auditory Research	Tel Aviv	Occlusion effect: consequence of stimulation by soft tissue conduction -	Presenter

DATE	NAME OF CONFERENCE	PLACE OF CONFERENCE	SUBJECT OF LECTURE / DISCUSSION	ROLE
			preliminary results	
May 2018	16 th International Meeting of the Mediterranean Society of Otolaryngology and Audiology	Jerusalem	Follow-Up Hearing Test Results of High Risk Children who Passed Neonatal Hearing Screening	Presenter
February 2018	Annual Conference of the Israeli Speech, Hearing and Language Association	Tel Aviv	CMV and Neonatal Hearing Screening: Long term follow-up	Invited Presenter
October 2017	Annual Meeting of the Israeli Society for Auditory Research	Tel Aviv	Fluid Stimulation Audiogram - A Type of Soft Tissue Conduction	Presenter
February 2017	Annual Conference of the Israeli Speech, Hearing and Language Association	Tel Aviv	Development of an anamnestic questionnaire in Hebrew and Arabic	Presenter
February 2017	Annual Conference of the Israeli Speech, Hearing and Language Association	Tel Aviv	Follow-Up of High Risk group who Passed Neonatal Hearing Screening: test results	Presenter
February 2016	Annual Conference of the Israeli Speech, Hearing and Language Association	Tel Aviv	Mothers knowledge on hearing and hearing screening	Presenter
October 2014	Annual Meeting of the Israeli Society for Auditory Research	Tel Aviv	Thresholds measured at non-osseous sites on external ear (cartilage) via indirect contact with bone vibrator, support the soft tissue conduction mechanism	Presenter
February 2014	Annual Conference of the Israeli Speech, Hearing and Language Association	Tel Aviv	Comparison of parental ABEL questionnaire to clinical hearing test results in CI	Presenter
February 2014	Annual Conference of the Israeli Speech, Hearing and Language Association	Tel Aviv	Bone conduction thresholds without Bone Vibrator Application Force	Presenter
February 2013	Annual Conference of the Israeli Speech, Hearing and Language Association	Tel Aviv	Receiving the news of their child's hearing loss: parents' and clinicians' experience.	Presenter
February 2012	Annual Conference of the Israeli Speech, Hearing and Language Association	Tel Aviv	Acquisition of early auditory milestones with a cochlear implant	Presenter
September	Symposium on Objective	Amsterdam,	The Listening Brain	

DATE	NAME OF CONFERENCE	PLACE OF CONFERENCE	SUBJECT OF LECTURE / DISCUSSION	ROLE
2012	Measures in Auditory Implants	Netherlands		
February 2011	Annual Conference of the Israeli Speech, Hearing and Language Association	Tel Aviv	Hearing characterization in cCMV	Presenter
May 2010	HEAL HEaring Across the Lifespan	Como, Italy	Comparison of two hearing screening programs in the same hearing impaired population: Oto-Acoustic Emissions (OAE) screening in newborns and behavioral screening when infants	Presenter
February 2010	Annual Conference of the Israeli Speech, Hearing and Language Association	Tel Aviv	Comparison of two hearing screening programs: OAE screening in neonates and behavioral hearing screening in infants	Presenter
February 2009	Annual Conference of the Israeli Speech, Hearing and Language Association	Kfar Hamaccabia	LittleEars parental questionnaire in Hebrew and Arabic	Presenter
October 2007	Annual Meeting of the Israeli Society for Auditory Research	Tel Aviv	The effect of aging on central auditory processing as measured in a speech in noise test	Presenter
February 2006	Annual Conference of the Israeli Speech, Hearing and Language Association	Jerusalem	Comparison of ABR threshold for tonal and click stimuli to behavioral test results	Presenter
October 2004	Annual Meeting of the Israeli Society for Auditory Research	Tel Aviv	The effect of aging on Event Related Potentials (ERP) to word and non-words in a phonological task	Presenter
February 2004	Annual Conference of the Israeli Speech, Hearing and Language Association	Ashkelon	Event related potentials with aging: phonological task	Presenter
October 2003	Annual Meeting of the Israeli Society for Auditory Research	Tel Aviv	The effect of aging on Event Related Potentials (ERP) to the same verbal stimuli in different linguistic task	
May 2002	HEAL HEaring Across the Lifespan	Como, Italy	The Hadassah Program for Early Detection of Hearing Loss	Presenter
February	Annual Conference of the	Tel Aviv	The development of the	Presenter

DATE	NAME OF CONFERENCE	PLACE OF CONFERENCE	SUBJECT OF LECTURE / DISCUSSION	ROLE
2001	Israeli Speech, Hearing and Language Association		Hadassah program for early detection of hearing loss	
October 2000	Annual Meeting of the Israeli Society for Auditory Research	Tel Aviv	The Hadassah Program for Early Detection of Hearing Loss	Presenter

7. Invited Lectures

Newborn hearing screening, continued education program for pediatricians, Ministry of Health, Jerusalem, 2010.

Comparison of two hearing screening programs: Oto-Acoustic Emissions (OAE) screening in newborns and behavioral screening when infants, continued education program for Well baby Clinic nurses, Jerusalem Ministry of Health, Jerusalem, 2011.

Newborn Hearing screening for the high risk population, continued education program for technicians, Ministry of Health, Tel Aviv, 2016.

9. Teaching - Courses taught

YEAR	NAME OF COURSE	TYPE OF COURSE	DEGREE	NUMBER OF STUDENTS
2004 – present	Case studies and integration in audiology, fourth year students, first semester (Hadassah College Campus).		BA	50
2009 - present	Case studies and integration in audiology, fourth year students, first semester (Straus Campus, previously Haredi College).		BA	25
2006 - present	Supervisor of seminars and research in audiology		BA	over 60 seminars to date
2013-2015	Pediatric Audiology, 2nd year students, 2nd semester (Hadassah College Campus)	Lecture	BA	45
2013-2015	Pediatric Audiology, 2nd year students, 2nd semester (Straus Campus)	Lecture	BA	25

YEAR	NAME OF COURSE	TYPE OF COURSE	DEGREE	NUMBER OF STUDENTS
2013-present	Cochlear Implant, 3rd year students, mini-course, first semester (Hadassah College Campus)	Lecture	BA	50
2013-present	Cochlear Implant, 3rd year students, mini-course, first semester (Hadassah College Campus)	Lecture	BA	25
2016-present	Clinical hands-on in Audiology for 1st year students, second semester (Straus Campus)	Practicum	BA	25

BA advising [over 60 seminars at Hadassah Academic College, listing of last 4 years research seminars submitted]

Name of students	Title	Date submitted
לעדכן		
Yarden Levy & Yarden Zraya	Long term audiological follow-up of the better ear of children postnatally diagnosed with congenital cytomegalovirus infection and unilateral hearing loss	Feb 2021
Tmima Tarnest & Tzipora Bloch	Norms of wave V latency in ABR test for click and tonal stimulation in normal hearing infants	Feb 2021
Yehudit Barnes & Elisheva Kary	Development of Hebrew and Arabic versions of LittleEARS Early Speech Production Questionnaire for use in cochlear implanted children and hearing impaired children	Feb 2021
Ghydaa Jabarah & Haya Jabarin	Translation and adaptation of the LEESPQ questionnaire into Arabic.	Jan. 2020
Refaela Hess & Miriam Ben Hamu	Translation and adaptation of LEESPQ (LittleEARS Early Speech Production questionnaire) into Hebrew, Creating norms for ages 0-	Jan. 2020

	18 months	
Hila Ezra & Ofri Levi	Norms of wave 5 latency in ABR test for tonal stimulation of varying intensities in normal hearing infants	Jan 2020
Naama Grinberg & Liraz Angel	The effect of noise on a cognitive task performance- a comparison between two age groups	Feb 2019
Moriah Gilboa & Hemda Seri	The Correlation between auditory brainstem response thresholds to behavioral thresholds	Feb 2018
Shirel Gabay & Tammi Parnas	The effect of location and type of electrode on the latency and wave amplitude in the Auditory Brainstem Response	Feb. 2018

Publications

A. PhD Dissertation

Dissertation title: "The Effect of Aging on Event Related Potentials (ERP) and Behavioral Responses: Comparison of Tone and Speech Stimuli." 2004. Bar Ilan University, Ramat Gan. Advisor Professor Harvey Babkoff. Articles #15, #16.

B. Articles in Refereed Journals

1. **Geal-Dor M**, Fichman S, Adelman C. (2022) Developmental changes of ABR wave 5 latency to click and tonal stimulation at different intensities in infants, *Hearing, Balance and Communication* doi: 10.1080/21695717.2022.2084250
2. Vorontsov O, Levitt L, Lilleri D, Vainer GW, Kaplan O, Schreiber L, Arossa A, Spinillo A, Furione M, Alfi O, Oiknine-Djian E, Kupervaser M, Nevo Y, Elgavish S, Yassour M, Zavattoni M, Bdolah-Abram T, Baldanti F, **Geal-Dor M**, Zakay-Rones Z, Yanay N, Yagel S, Panet A, Wolf DG.(2022) Amniotic fluid biomarkers

- predict the severity of congenital cytomegalovirus infection. *J Clin Invest.* 132(11):e157415. doi: 10.1172/JCI157415.
3. **Geal-Dor M, Sohmer H.** (2021) How Is the Cochlea Activated in Response to Soft Tissue Auditory Stimulation in the Occluded Ear? *Audiol. Res.* 11(3), 335-341; doi: 10.3390/audiolres11030031 IF=0, Q4, #6
 4. **Geal-Dor M, Adelman C, Chordekar S, Sohmer H.** (2020) Occlusion Effect in Response to Stimulation by Soft Tissue Conduction-Implications. *Audiol Res.* 10(2), 69-76. doi: 10.3390/audiolres10020012. IF=0, Q4, #6
 5. **Geal Dor M, Chordekar S, Adelman C, Kaufmann Yehezkely M, & Sohmer H.** (2020) Audiogram in response to stimulation delivered to fluid applied to the external meatus. *Journal of Audiology and Otology*, 24(2), 79-84. doi: 10.7874/jao.2019.00388. IF=1.02, Q3, #3 #4
 6. **Kaufmann Yehezkely M, Grinblat G, Geal Dor M, Chordekar S, Perez R, Adelman C, & Sohmer H.** (2019) Implications for bone conduction mechanisms from thresholds of post radical mastoidectomy and subtotal petrosectomy patients. *Journal of International Advanced Otology*, 15(1), 8-11. doi: 10.5152/iao.2019.6268. IF=0.84, Q2, Citations google scholar=2, #6
 7. **Geal-Dor M. & Adelman C.** (2018) The child doesn't hear? On breaking bad news as perceived by parents and audiologists. *International Journal of Pediatric Otorhinolaryngology*, 112, 113-120. doi: 10.1016/j.ijporl.2018.06.044. IF=1.36, Q2, Citations google scholar=2, #1 #2 #4 #5
 8. **Ronen O, Geal-Dor M, Kaufmann-Yehezkely M, Perez R, Chordekar S, Adelman C, Sohmer H.** (2017) Inner Ear Excitation in Normal and Postmastoidectomy Participants by Fluid Stimulation in the Absence of Air- and Bone-Conduction Mechanisms. *J Am Acad Audiol* 28(2), 152-160. doi: 10.3766/jaaa.16036. IF=1.63, Q1, Citations google scholar=3, #3 #4
 9. **Geal-Dor M, Chordekar S, Adelman C, & Sohmer H.** (2015) Bone conduction thresholds without bone vibrator application force. *Journal of the American Academy of Audiology*, 26(7), 645-51. doi: 10.3766/jaaa.14105. IF=1.63, Q1, Citations google scholar=2, #3 #4
 10. **Geal-Dor M, Jbarah R, Adler M, Yehezkely MK, Adelman C.** (2014) Auditory Behavior in Everyday Life (ABEL) questionnaire in Hebrew and in Arabic and its association with clinical tests in cochlear-implanted children. *J Basic Clin Physiol Pharmacol.* 25(3), 301-6. doi: 10.1515/jbcpp-2014-0039. IF=1.69, Q3, Citations google scholar=5, #1 #2 #5
 11. **Geal-Dor M, Tranovsky Y, Boudilovsky E, Adelman C, Adler M, Levi H.** (2013) Acquisition of early auditory milestones with a cochlear implant. *Int J Pediatr*

- Otorhinolaryngol. 77(11), 1852-5. doi: 10.1016/j.ijporl.2013.08.027. IF=1.36, Q2, Citations google scholar=4, #1 #2 #5
12. Jbarah R, **Geal-Dor M**, Rich S, Adler M, Yehezkely MK. (2013) Results of second cochlear implant with long inter-implant delay. *J Basic Clin Physiol Pharmacol.* 24(3), 205-8. doi: 10.1515/jbcpp-2013-0077. IF=1.69, Q3, Citations google scholar=2, #5
 13. **Geal-Dor M**, Shore AF, Sohmer H. (2012) Auditory sensation via moist contact of the bone vibrator with skin at soft tissue sites. *J Basic Clin Physiol Pharmacol.* 23(3), 99-101. doi: 10.1515/jbcpp-2012-0035. IF=1.69, Q3, Citations google scholar=2, #3 #4 #5
 14. **Geal-Dor M**, Adelman C, Adler M, Fostick L, Levi H. (2012) No changes in cochlear implant mapping and audiometric parameters in adolescence. *J Basic Clin Physiol Pharmacol.* 23(3), 103-7. doi: 10.1515/jbcpp-2012-0032. IF=1.69, Q3, #1 #2 #5
 15. **Geal-Dor M**, Jbarah R, Meilijson S, Adelman C, Levi H. (2011) The Hebrew and the Arabic version of the LittleEARS® auditory questionnaire for the assessment of auditory development: results in normal hearing children and children with cochlear implants. *Int J Pediatr Otorhinolaryngol.* 75(10), 1327-32. doi: 10.1016/j.ijporl.2011.07.030. IF=1.36, Q2, Citations google scholar=33, #1 #2 #5
 16. **Geal-Dor M**, Adelman C, Levi H, Zentner G, Stein-Zamir C.(2010) Comparison of two hearing screening programs in the same population: oto-acoustic emissions (OAE) screening in newborns and behavioral screening when infants. *Int J Pediatr Otorhinolaryngol.* 74(12), 1351-5. doi: 10.1016/j.ijporl.2010.08.023. IF=1.36, Q2, Citations google scholar=21, #1 #2 #3 #5
 17. **Geal-Dor M**, Goldstein A, Kamenir Y, Babkoff H. (2006) The effect of aging on event-related potentials and behavioral responses: comparison of tonal, phonologic and semantic targets. *Clin Neurophysiol.* 117(9), 1974-89. doi: 10.1016/j.clinph.2006.05.024. IF=3.49, Q1, Citations google scholar=37, #2 #3 #5
 18. **Geal-Dor M**, Kamenir Y, Babkoff H. (2005) Event related potentials (ERPs) and behavioral responses: comparison of tonal stimuli to speech stimuli in phonological and semantic tasks. *J Basic Clin Physiol Pharmacol.* 16(2-3), 139-55. doi: 10.1515/jbcpp.2005.16.2-3.139. IF=1.69, Q3, Citations google scholar=14, #2 #3 #5
 19. **Geal-Dor M**, Adelman C, Levi H, Goitein K, Sohmer H. (2004) Changes in the auditory nerve brainstem evoked responses in a case of maple syrup urine disease. *Dev Med Child Neurol.* 46(3), 184-6. doi: 10.1017/s0012162204000325. IF=4.87,

20. **Geal-Dor M**, Levi H, Elidan Y, Arad I.(2002) [The hearing screening program for newborns with otoacoustic emission for early detection of hearing loss]. Harefuah. 141(7), 586-90, 668. Hebrew. IF=0, Q4, Citations google scholar=5, #2 #3 #4 #5
21. Sohmer H, Freeman S, **Geal-Dor M**, Adelman C, Savion I. (2000) Bone conduction experiments in humans - a fluid pathway from bone to ear. *Hear Res.* 146(1-2), 81-8. doi: 10.1016/s0378-5955(00)00099-x. IF=3.83, Q1, Citations google scholar=197, #3 #4
22. Freeman S, **Geal-Dor M**, Sohmer H. (1999) Development of inner ear (cochlear and vestibular) function in the fetus-neonate. *J Basic Clin Physiol Pharmacol.* 10(3), 173-89. Review. doi: 10.1515/jbcpp.1999.10.3.173. IF=1.69, Q3, Citations google scholar=17, #3
23. Levi H, Adelman C, **Geal-Dor M**, Elidan J, Eliashar R, Sichel JY, Bar-Oz B, Weinstein D, Freeman S, Sohmer H. (1997) Transient evoked otoacoustic emissions in newborns in the first 48 hours after birth. *International Journal of Audiology.* 36(4), 181-6. doi: 10.3109/00206099709071972. IF=2.15, Q1, Citations google scholar=39, #3
24. **Geal-Dor M**, Khvoles R, Sohmer H. (1997) Cooling induces a decrease in middle ear compliance. *J Basic Clin Physiol Pharmacol.* 8(3), 127-32. doi: 10.1515/jbcpp.1997.8.3.127. IF=1.69, Q3, Citations google scholar=10, #3 #4
25. Freeman S, **Geal-Dor M**, Sohmer H. (1996) The role of adrenocortical steroid hormones in the development of hearing. *J Basic Clin Physiol Pharmacol.* 7(3), 167-77. doi: 10.1515/jbcpp.1996.7.3.167. IF=1.69, Q3, #3
26. Sohmer H, **Geal-Dor M**, Weinstein D. (1994) Human fetal auditory threshold improvement during maternal oxygen respiration. *Hear Res.* 75(1-2), 145-50. doi: 10.1016/0378-5955(94)90065-5. IF=3.83, Q1, Citations google scholar=15, #2 #3 #4
27. **Geal-Dor M**, Freeman S, Li G, Sohmer H. (1993) Development of hearing in neonatal rats: air and bone conducted ABR thresholds. *Hear Res.* 69(1-2), 236-42. doi: 10.1016/0378-5955(93)90113-f. IF=3.83, Q1, Citations google scholar=205, #3 #4 #5
28. Freeman S, **Geal-Dor M**, Shimoni Y, Sohmer H. (1993) Thyroid hormone induces earlier onset of auditory function in neonatal rats. *Hear Res.* 69(1-2), 229-35. doi: 10.1016/0378-5955(93)90112-e. IF=3.83, Q1, Citations google scholar=19, #3 #4 #5

Summary of my specific contribution related to articles:

#1 Conceptualization

#2 Methodology

#3 Data Collection

#4 Data analysis

#5 Writing—original draft preparation

#6 Writing—review and editing