



The 2024 Meeting

The Israel Society for Auditory Research

On Hearing Loss, Hearing Rehabilitation and their Effect on the Individual's Life

16 February, 2024 | 08:00-14:00

The Council for a Beautiful Israel, 80 Rokach Blvd. Tel Aviv

Scientific Program

08:00 - 08:30 Gathering: Morning coffee and visit at the professional exhibition

08:30 - 08:40 **Welcome & Updates of the Israel Society for Auditory Research**
Michal Luntz, President; Ohad Hilly, Treasurer
Israel Society for Auditory Research

Challenges in Delivering Ear and Hearing Health Services

Chairs: Yael Zaltz, Tova Most

08:40 - 09:00 **Keynote Lecture: A positive psychology perspective on speech processing in aging**
Boaz Ben David, Reichman University

09:00 - 09:10 **Do we still need humans? Similar clinical outcomes of Tuned self-fitting compared to an audiologist first fit**
Ron Ganot, Tuned

09:10 - 09:20 **The development of AI-based algorithm for acute otitis media diagnosis**
Ohad Hilly, Rabin Medical Center

09:20 - 09:30 **Hearing aid users' performance in clinical adaptive Speech-in-Noise test in preliminary results, and implications for hearing aid selection**
Yossi Bugannim, Medton-Hedim

09:30 - 09:40 **Factors related to complying with hearing aid counseling recommendations in Israel**
Devora Brand, Hadassah University Medical Center/ HAC

From Basic Science to Clinical Standard

Chairs: Limor Lavie, Amiel Dror

09:40 - 09:50 **Changes in repeated ABR tests in infants**
Cahatia Adelman, Hadassah University Medical Center

09:50 - 10:00 **Perceptual learning of temporally and spectrally degraded speech in children vs adults**
Saja Khalaili, University of Haifa

10:00 - 10:10 **Identification and comprehension of narrow focus by Arabic-speaking adolescents with moderate to profound hearing loss**
Khaloob Kwar, Beit Berl College

10:10 - 10:20 **Audibility and early-stage cortical processing in children with unilateral hearing loss using a hearing aid**
Ricky Kaplan Neeman, Sheba Medical Center

10:20 - 11:10 Coffee, brunch and visit at the professional exhibition

Poster Presentations

Poster Judges: Karen Avraham, Devora Brand, Yael Henkin, Ofir Handzel

Wideband tympanometry in unilateral sudden hearing loss
Maisa Nassar, Rambam Medical Center / Haifa University

Atypical bimodal hearing rehabilitation solution: An implantable bone conduction and a cochlear implantation
Dana Egra-Dagan, Bnai-Zion Medical Center

Gene therapy in models of human hearing loss
Eyal Marton, Tel Aviv University

Identifying and characterizing direct Notch targets that promote hair cell trans-differentiation in the mammalian organ of Corti
Lama Khalaily, Tel Aviv University

Digit in noise test as a hearing screening test for individuals with intellectual disability: A pilot study
Noa Shmerler, Ariel University

Age-related sensory declines in auditory & visual modalities
Mais Abbas, University of Haifa

Realistic approach to managing extensive cholesteatoma
Roni Barzilai, Rambam Health Care Campus

The association between cardiovascular risk factors and the severity of sudden sensorineural hearing loss
Michal Tunik, Rabin Medical Center / Tel Aviv University

How does a history of otitis media with effusion impact spatial auditory processing and listening effort in children?
Matan Yosef Shaul, Ariel University

11:10 - 11:30 **Special Lecture: High and low tides during 30 years of advanced bionics history**

Patric Boyle, Advanced Bionics, UK
Lecture Sponsored by:

From Basic Science to Clinical Standards- Challenges in Realizing What Was Once a Distant Dream

Chairs: Ohad Hilly, Noga Lifshitz

11:30 - 11:40 **Cochlear implants: What can we learn from histopathology**
Ophir Handzel, Tel-Aviv Sourasky Medical Center

11:40 - 11:50 **Big data to therapy: Precision medicine for the hearing impaired**
Karen Avraham, Tel Aviv University

11:50 - 12:00 **Whole genome sequencing for genetic diagnosis of hearing loss**
Shahar Taiber, Tel Aviv University

12:00 - 12:10 **Exploring the genetic mechanisms of inner ear malformations: An analysis through mouse models**
Amiel Dror, Galilee Medical Center

Global Cochlear Implants Living Guidelines 2023

Chair: Riki Taitelbaum

12:10 - 13:00 **Round Table**
Sponsored by

The association between hearing restoration devices and the risk of dementia
Yael Zaltz, Audiologist-researcher, Sheba Medical Center, Tel Aviv University

The Global Cochlear Implants Living Guidelines 2023 - A brief overview
Michal Luntz, Physician-researcher and CI user. The Israel Society for Auditory Research

Panelists:
Yael Zaltz, Audiologist-researcher, Sheba Medical Center, Tel Aviv University
Tamar Ullman, Clinical psychologist and CI user
Mira Berlin, Audiologist, Tradis Gat
Riki Taitelbaum, Audiologist-researcher, Meuchedet Health Fund, University of Ariel
Boaz Ben David, Communication Aging and Neuropsychology, Reichman University
Ravid Lasri, Audiologist, Sonova

13:00 - 13:20 **Keynote Lecture**
Use of AI in Audiology: Creating accessible, standardized, quality care for our patients
Chair: Ophir Handzel
Regina Presley, Presbyterian Board of Governors CI Center of Excellence at GBMC, USA

13:20 End of Meeting



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Board of Society

Board members: Joseph Attias, Karen Banai, Leah Fostick, Ophir Handzel, Yael Henkin, Ohad Hilly, Hanin Karawani-Khoury, Limor Lavie, Riki Taitelbaum, Yael Zaltz

President: Michal Luntz

Previous presidents: Karen Avraham, Joseph Attias, Hillel Prath, Haim Zomer, Mo Bergman

Mission

To promote translation of unsolved challenges into research questions.
To develop scientific findings into common practice and technology standardization through multidisciplinary interaction among researchers, clinicians, ear surgeons, educators, psychologists, target population, engineers, hearing advocates, industry collaborators and health regulators.

Platinum Sponsorship



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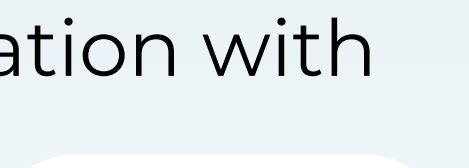
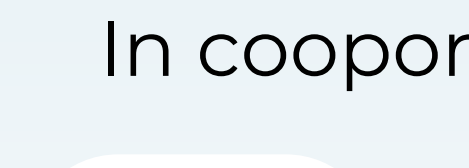


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