

# Israeli Society for Auditory Research (ISAR) 2019 Annual Conference



Lola Hall, Tel Aviv University  
Tel Aviv, Israel

Wednesday, October 23, 2019  
<http://isar-society.org/>

## ISAR Scientific Committee

Prof. Karen Avraham (President), Prof. Ronen Perez (Treasurer), Dr. Cahtia Adelman,  
Prof. Joseph Attias, Prof. Karen Banai, Dr. Leah Fostick, Prof. Yael Henkin, Prof. Liat Kishon-Rabin,  
Dr. Limor Lavie, Prof. Michal Luntz

## ISAR Conference Organizing Committee

Prof. Karen Banai, Prof. Karen Avraham

8:30-9:00 Registration & coffee  
9:00 Opening remarks

### Session 1: Hearing Rehabilitation & Sound Perception. Chair: Ranin Khayr

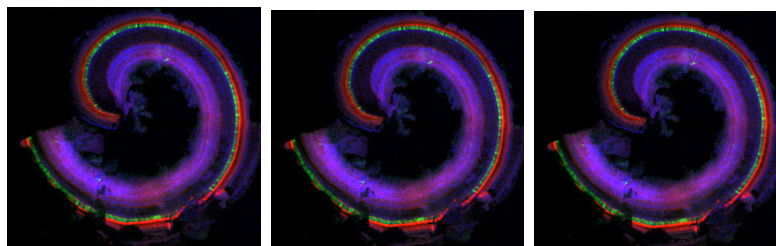
- 9:10-9:30 **Karen Banai**. PERCEPTUAL LEARNING FOR SPEECH: NEW INSIGHTS FROM PAST FAILURES
- 9:30-9:50 **Yael Zaltz**, Liat Kishon-Rabin, Avi Karni, Daphna Ari-Even Roth. PRACTICE MAKES TRANSFER IMPERFECT – EVIDENCE FROM AUDITORY LEARNING
- 9:50-10:10 **Mira Berlin**, Or Yamin, Hila Saban, Leah Fostick. NORMS FOR HEBREW PSYCHOMETRIC FUNCTION OF SPEECH PERCEPTION IN NOISE
- 10:10-10:30 **Plenary lecture I: Amiel Dror**. SURGERY ON SYRIAN PATIENTS - MY EXPERIENCE AS AN ENT SURGEON

### Session 2: Cochlear Implants. Chair: Tom Ben-Dov

- 10:30-10:50 **Asher H. Efrati**, Joseph Attias. LATERALIZATION, BASED ON TEMPORAL CUES, LOUDNESS CUES AND SPATIAL FACTORS, AS A FUNCTION OF STIMULI SITE, IN UNILATERAL AND BILATERAL COCHLEAR IMPLANT USERS
- 10:50-11:10 **Michal Luntz**, Aiman Makhul, Noam Yehudai, Riyadh Khniefes, Talma Shpak. THE INTERDEPENDENT ASSOCIATION BETWEEN DEVELOPMENT OF CLINICAL INDICATIONS FOR COCHLEAR IMPLANTATION AND FORMAL RELAXATION OF INDICATIONS

### Session 3: Genetics as a Tool for Hearing. Chair: Shahar Taiber

- 11:10-11:30 **Plenary lecture II: Amiel Dror**. A MODEL FOR BENIGN PAROXYSMAL POSITIONAL VERTIGO: LESSONS TO LEARN FROM A MOUSE



- 11:30-11:50 **Zippora Brownstein**, Suleyman Gulsuner, Silvia Casadei, Ming Lee, Nada Danial-Faran, Lana Kamal, Amal Abu-Rayyan, Bella Davidov, Moshe Frydman, Michal Macarov, Michal Sagi, Na'ama Zvi, Chana Vinkler, Dorit Lev, Reuven Sharony, Ophir Handzel, Hagit Baris-Feldman, Amihood Zinger, Dror Giloni, Tom Walsh, Moien Kanaan, Stavit Allon-Shalev, Mary-Claire King, Karen B. Avraham. HEAR-SEQ TARGETED GENE PANEL IDENTIFIES INHERITED VARIANTS FOR DEAFNESS IN A DIVERSE JEWISH POPULATION
- 11:50-12:30 **Lunch**
- 12:30-13:00 Poster light bites (4' each). Chair: **Karen Avraham**  
**Michal Yaakov**  
**Tali Rotman**  
**Yael Noy**  
**Mor Bordeynik-Cohen**  
**Hanan Abid Alghne**  
**Shahar Taiber**  
**Einat Rosen**
- 13:00-13:20 **Report and elections for ISAR**
- Session 4: Auditory Pathology.** Chair: **TBD**
- 13:20-13:40 **Miriam Geal-Dor**, Cahtia Adelman, Haim Sohmer. OCCLUSION EFFECT: A LOGICAL CONSEQUENCE OF STIMULATION BY SOFT TISSUE CONDUCTION
- 13:40-14:00 **Ophir Handzel**, Omer Ungar, Dan J. Lee, Joseph B Nadol Jr. TEMPORAL BONE HISTOPATHOLOGY IN MELAS SYNDROME
- 14:00-14:20 **Joseph Lehmann**, Yechiel Michael Barilan, Israel Gannot. SPEECH HEARING AND UNDERSTANDING: INTERDISCIPLINARY APPROACH TO A COMPLEX PROBLEM
- 14:20-14:40 **Robert Levine**. PREAURICULAR TRAUMA INDUCES SPONTANEOUS BRIEF UNILATERAL TAPERING TINNITUS: MORE EVIDENCE THAT THEY ARISE IPSILATERALLY FROM THE LATERAL PTERYGOID MUSCLE
- 14:40-14:50 **Coffee**
- 14:50-15:20 **Hadar Rotem-Betito**, Mordechai Himmelfarb, Ophir Handzel. THE EFFECT OF OCCLUSION AND CONDUCTIVE HEARING LOSS ON CVEMP
- 15:20-15:50 **Carmi Shimon**, Miriam Furst. THE ADVANTAGE OF BEAMFORMER COCHLEAR NOISE REDUCTION ALGORITHM TO THE HEARING IMPAIRED
- 15:50-16:10 **Omer J. Ungar**, Ophir Handzel, Felipe Santos. RATE OF SPIRAL GANGLION CELL LOSS IN IDIOPATHIC SUDDEN
- 16:10-16:30 **Leah Fostick**, Harvey Babkoff, Nir Fink. THE EFFECT OF DIFFERENT TYPES OF HEARING PROTECTION DEVICES ON SOUND LOCALIZATION

