

# Israeli Society of Otoneurology

## החברה הישראלית לאוטונורולוגיה



**Meeting at the Yitzhak Shamir Medical Center, Israel**

**Hosts:** Prof Haim Gavriel and Dr Natan Shlamkovic

### **Society Executive Committee**

**President:** Prof Ronen Perez, **Secretary:** Prof Avi Shupak, **Treasurer:** Dr Ophir Handzel  
**Members:** Prof Daniel Kaplan, Prof Carlos Gordon, Dr Yoav Gimon, Dr Ohad Hili, Dr Nathan Shlamkovic, Dr Yahav Oron

### **Scientific Program – November 24, 2019**

8:30-9:00 Registration  
9:00-9:10 Opening remarks – Prof Ronen Perez

**Key-Note Lecture** Chair: Prof Daniel Kaplan

9:10-9:40 **Gentamicin vestibulotoxicity: further insights from a large series**  
Prof John Rutka, *University of Toronto, Toronto Canada*

**Free Paper Session 1** Chairmen: Prof Avi Shupak Prof Carlos Gordon

9:40-9:50 **Bone mineral density in patients suffering from Meniere's disease**  
*Avi Shupak, Nabi Faranesh,*  
*Lin and Carmel Medical Centers, the Technion, Haifa, Israel*

9:50-10:00 **Enhancing vestibular function: The potential power of sub-threshold electrical and motion stimuli.**  
*Aram Keywan, Max Wuehr, Klaus Jahn*  
*Munich University Hospital, Munich, Germany*

1000-10:10 **Trans-Mastoid plugging of superior semicircular canal dehiscence: long-term follow-up**  
Chanan Shaul, Stefan Weder, Adrian Dragovic, Jean-Marc Gerard, Robert J.S. Briggs,  
*Shaare Zedek Medical Center, the Hebrew University, Jerusalem, Israel*  
*Royal Victorian Eye and Ear Hospital, University of Melbourne, Melbourne, Australia*

10:10-10:20 **Invasion patterns of squamous cell carcinoma of the external auditory canal: a temporal bone histopathology study**  
Omer Ungar, Felipe Santos, Joseph B. Nadol, Ophir Handzel  
*Sourasky Medical Center, Tel-Aviv University, Tel-Aviv, Israel*  
*Massachusetts Eye and Ear and Harvard Medical School, Boston, Massachusetts, U.S.A.*

10:20-10:30 **Planning the surgical approach for temporal bone tegmen defects**  
Omer Ungar, Oren Cavel, Dan M Fliss, Yahav Oron, Ophir Handzel  
*Sourasky Medical, Tel-Aviv University, Tel Aviv, Israel*

## Coffee Break

1030-1100

**Free Paper Session 2** Chairmen: Dr Yoav Gimmon Dr Yahav Oron

1100-1110 **A novel device for quick quantification of binocular misalignment without recording eye movements**  
Yoav Gimmon, Mark J. Shelhamer, Michael C Schubert  
*Johns Hopkins University School of Medicine, Baltimore, MD, USA.*  
*Ben-Gurion University of the Negev, Be'er Sheva, Israel*

1110-1120 **The effect of the canalith repositioning procedure on gait and balance in benign paroxysmal positional vertigo patients .**  
Yafit Cohen-Shwartz, Alon Kalron, Yael Nechemya  
*Tel Aviv university , Maccabi Health Care, Tel-Aviv, Israel*

1120-1130 **Validity, reliability, interclass and intraclass correlations and characteristics of norms of the Zur Balance Scale (ZBS)**  
Oz Zur, Matan Ravid, Bar Aviv, Roy Ravid, Eli Carmeli  
*Ben Gurion University of the Negev, Beer Sheva, Israel.*  
*University of Haifa, Haifa, Israel*

## Panel Discussion

11:30-13:00 **Current clinical and research challenges in cochlear implantation**

**Moderator:** Prof Ronen Perez

**Panelists:** Dr Ophir Handzel, Dr Ohad Hilli, Dr Michal Kaufmann–Yehezkel  
Prof Liat Kishon-Rabin, Prof Michal Luntz, Dr Yisgav Shapira

## Lunch

13:00-14:00

**Key- Note Lecture** Chairman: Dr Nathan Shlamkovic

14:00-14:30 **Otosclerosis and the philosophy of stapes surgery**

Prof Jeremy Lavy, *University College London Hospitals, London, UK*

**Free Paper Session 2** Chairmen: Dr Ophir Handzel Dr Ohad Hilli

14:30-14:40 **Cochlear implantation outcome in straight forward cases: can we do more for adults who cannot understand speech using hearing aids alone?**

Michal Luntz, Mahir Khuri, Ranin Khayr, Wadeah Gedaon Khuri, Noam Yehudai, Talma Shpak  
*Bnai-Zion Medical Center, the Technion, Haifa, Israel*

14:40-14:50 **Alpha one –antitrypsin Levels in the perilymph is related to the hearing loss etiology**

Sabri El-Saied, Daniel M Kaplan, Thomas Lenarz, Eli C Lewis, Athanasia Warnecke  
*Soroka University Medical Center, Ben-Gurion University of the Negev, Be'er Sheva, Israel*  
*Hannover Medical School, Hannover, Germany*

14:50-15:00 **Cochlear implant outcomes in children with congenital inner ear anomalies**

Yaniv D, Raveh E, Hilly O, Ulanovski D, Mormer H, Attias Y, Sokolov M  
Rabin and Schneider Children Medical Centers, Petach Tikva, Israel  
University of Haifa, Haifa, Israel

15:00-15:10 **Role of cochlear Implantation as a co-adjutant procedure**

Mauricio Cohen-Vaizer, Eran Fridman, Yona Vaisbuch, Moria Shapira, Lilach Gez-Saperstein  
Rambam Medical Center, the Technion, Haifa, Israel

15:10-15:20 **Cochlear implant associated labyrinthitis: a new entity?**

Fahdi Ashkar, Cahtia Adelman, Shanit Rich, Michal Kaufmann– Yehezkel.  
Hadassah Hebrew University Medical Center, Jerusalem, Israel

15:20- 15:30 **Relation between intra-operative hyperthermia and post-operative complications in children undergoing cochlear implant surgery**

Ziv Ribak, Daniel Kaplan, Muhammad Abu Tailakh, Kraus Mordechi, Sabri El-Saied  
*Soroka University Medical Center, Ben-Gurion University of the Negev, Be'er Sheva, Israel*

15:30 –15:40 **Rhythmic wave patterns on ambient pressure tympanometry in patients with objective tinnitus-associated pathologies**

Anthony Thai,, Zahra N. Sayyid, Davood K. Hosseini, Yife, Ksenia A. Aaron, Yona Vaisbuch  
Stanford University, Stanford, CA, USA  
Rambam medical center, the Technion, Haifa, Israel

## **SESSION DEDICATED TO DR. KRAUS'S CAREER (SO FAR) IN THE OCCASION OF HIS RETIREMENT**

16:00 Welcome reception for colleagues, friends and family of Dr. Kraus

16:30 **Prof . Daniel Kaplan:** Dr. Kraus; a career in otology and neurotology in the Negev

16:50 **Dr. Snir Bar:** Dr. Kraus; the residents' prospective.

16:55 **Dr. Mordechai Kraus:** Key note lecture  
Subtotal petrosectomy with middle ear obliteration and blind sac closure of external auditory canal in different pathologies of the temporal bone. our experience (from Toronto General Hospital) and review of the literature.

17:15 **Prof. John Rutka:** Key note lecture: The conservative management of vestibular schwannomas

17:40 Round table: Vestibular function tests: their role in the management of the dizzy patient:

Moderator: **Prof. Avi Shupak**

- **Dr. Yoav Gimmon** (PhD, PT): Does vestibular rehabilitation affect physiology or behavior?
- **Dr. Mordechai Kraus** (MD): Case presentations demonstrating the benefit of vestibular function tests towards diagnosis, treatment and monitoring.
- **Dr. Nathan Shlamkovitz** (MD): The of vestibular function tests in the diagnosis of Meniere's disease.
- **Prof. John Rutka** (MD) – Why the results of vestibular function tests should never be considered in isolation- The continued need for clinical correlation in patients with dizziness

Discussion

19:00 Final remarks

Adjourn