



The 2025 Meeting of the Israeli

# Otoneurology Society



13 February | Thursday | Daniel Hotel Herzliya

## Society Executive Committee

**President:** Prof. Ronen Perez

**Secretary:** Prof. Avi Shupak

**Treasurer:** Prof. Ophir Handzel

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Prof. Ohad Hilly, Dr. Nathan Shlamkovitch, Prof. Yahav Oron

## Scientific Program

### Thursday, February 13, 2025

**08:00 - 08:45 Registration, Morning Gathering, Exhibition & Poster Viewing**

**08:45 - 09:00 Opening Remarks**

Prof. Avi Shupak, Prof. Ronen Perez

**09:00 - 10:00 Panel: The Role of Vestibular Tests, Imaging and Hearing Evaluation in the Diagnosis and Management of Meniere's Disease**

**Moderator:** Prof. Yahav Oron

**Panelists:**

Prof. Avi Shupak

Dr. Adi Brenner

Prof. Daniel Kaplan

Dr. Noga Lipschitz Tayar

Dr. Mauricio Cohen Vaizer

**10:00 - 10:25 Keynote Lecture: Totally Implantable Cochlear Implants**

Prof. Philippe Lefebvre, Belgium

**Chair:** Prof. Avi Schupak

**10:25 - 10:50 Coffee break, Exhibition & Poster Viewing**

## 10:50 - 12:35 Oral Presentations I

**Chairs:** Prof. Ohad Hilly, Dr. Natan Shlamkovitch

### 10:50 **Integrated Care for the Dizzy Patient: The Power of Multidisciplinary Collaboration**

Amit Wolfovitz<sup>1,2</sup>, Yoav Gimmon<sup>1,3</sup>

<sup>1</sup>*Department of Otolaryngology- Head and Neck Surgery, Sheba Medical Center, Tel-Hashomer*

<sup>2</sup>*Faculty of Medicine, Tel Aviv University*

<sup>3</sup>*Department of Physical Therapy, Faculty of Social Welfare & Health Sciences, University of Haifa*

### 11:05 **A Critical Look at the Barany Society Consensus Document on Acute Unilateral Vestibulopathy/Vestibular Neuritis: Diagnostic Criteria (2022)**

Daniel Kaplan

*Soroka University Center, Beer Sheva, Dept. of Otolaryngology- Head and Neck Surgery*

### 11:14 **Speaking the Same Language: Standardized Staging Systems for Cholesteatoma and Tympanomastoid Surgery**

Raphael Wolf, Sagit Stern, Michal Kaufmann

*Department of Otolaryngology / Head and Neck Surgery, Hadassah Medical Center*

### 11:23 **Auditory Profiles and Steroid Treatment Efficacy in Young Soldiers Exposed to Acoustic Trauma/Blast Injuries During the "Iron Swords" War**

Yael Zaltz<sup>1,2</sup>, Yael Solomon<sup>1,2</sup>, Yisgav Shapira<sup>3</sup>, Daphne Ari-Even Roth<sup>1,2</sup>, Yael Henkin<sup>1,2</sup>

<sup>1</sup>*Hearing, Speech, and Language Center, Sheba Medical Center, Israel*

<sup>2</sup>*Department of Communication Disorders, Steyer School of Health Professions, Faculty of Medical & Health Sciences, Tel Aviv University, Israel*

<sup>3</sup>*Department of Otolaryngology-Head and Neck Surgery, Sheba Medical Center, Israel*

### 11:32 **Enhanced Diagnostic Approach for Hearing Impairment Following Acoustic Trauma:**

**The Role of Extended High-Frequency Audiometry and Otoacoustic Emission**

Reut Book<sup>1</sup>, Asaf Gotkine<sup>1</sup>, Inbal Ida<sup>2</sup>, Michal Yehezkely Kaufmann<sup>1</sup>, Cahtia Adelman<sup>2</sup>, Sagit Stern Shavit<sup>1</sup>

<sup>1</sup>*Department of Otolaryngology-Head and Neck Surgery, Hadassah Medical Center*

<sup>2</sup>*Speech and Hearing Clinic, Hadassah Medical Center*

### 11:41 **Endolymphatic Hydrops with Vertigo Attacks and Hearing Loss in a Child With Congenital CMV Infection**

Ioannis-Pavlos Savva<sup>1</sup>, Maria Ioanno<sup>1</sup>, Eleftherios Papatheodorou<sup>2</sup>, Maria Koliou<sup>3</sup>, Andreas Anagiotos<sup>1</sup>

<sup>1</sup>*ENT clinic, Nicosia General Hospital, Cyprus*

<sup>2</sup>*Neurophysiology Department, The Cyprus Institute of Neurology & Genetics, Cyprus*

<sup>3</sup>*Paediatric, Archbishop Makarios III Hospital, Cyprus*

### 11:50 **The Hidden Impact of Chronic Serous Otitis Media in Children: Fine Motor Impairments and Developmental Challenge**

Nabil Faranesh<sup>1,2</sup>, Madeha Hejazi<sup>1,2</sup>, Blal Saeed<sup>1,2</sup>, Alexandra Saed<sup>3</sup>, Batia Angel-Yager<sup>3</sup>

<sup>1</sup>*Department of ENT Head & Neck Surgery, St. Vincent de Paul Hospital*

<sup>2</sup>*Azrieli Faculty of Medicine, Bar-Ilan University, Bar-Ilan University, Safed, Israel*

<sup>3</sup>*Department of Occupational Therapy, Haifa University*

**11:59 Assessing Vestibular Rehabilitation via a Phone App: Functional Outcomes and Correlation Between Anxiety and Dizziness-Related Disability in a Randomized Crossover Study**

Azriel Kaplan<sup>1</sup>, Liran Kalderon<sup>1</sup>, Amit Wolfovitz<sup>2</sup>, Yoav Gimmon<sup>2,3</sup>, Shelly Levy-Tzedek<sup>1,4</sup>

<sup>1</sup>*Recanati School for Community Health Professions, Department of Physical Therapy, Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel*

<sup>2</sup>*Department of Otolaryngology—Head and Neck Surgery, Sheba Medical Center, Israel*

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<sup>4</sup>*Freiburg Institute for Advanced Studies (FRIAS), University of Freiburg, Germany*

**12:08 Seasickness Susceptibility and the Vestibular Time Constant**

Yoni Evgeni Gutkovich<sup>1,2</sup>, Daniel Lagami<sup>2</sup>, Anna Jamison<sup>2</sup>, Yuri Fonar<sup>2</sup>, Dror Tal<sup>2</sup>

<sup>1</sup>*Otolaryngology head and neck surgery, HaEmek medical center, Israel*

<sup>2</sup>*Motion Sickness and Human Performance Laboratory, The Israel Naval Medical Institute, Israel*

**12:17 Gentamicin Induced Inner Ear Injury: Structural Preservation Under Alpha1-Antitrypsin Therapy in Vivo**

Amit Amar<sup>1</sup>, Sabri El-Saied<sup>2</sup>, Daniel Kaplan<sup>2</sup>

<sup>1</sup>*Clinical Pharmacology and Biochemistry, Ben Gurion University, Israel*

<sup>2</sup>*Department of Otolaryngology-Head and Neck Surgery, Soroka Medical Center, Israel*

**12:26 Conservative Treatment of Mastoiditis Without the Need for Imaging- A 20-Year Follow-Up Study**

Ayalon Hadar<sup>1</sup>, Yehuda Schwartz<sup>1</sup>, Jean-Yves Sichel<sup>1</sup>, Pierre Attal<sup>1</sup>

*Otolaryngology, Shaare Zedek Medical Center*

**12:35 - 13:30 Lunch, Exhibition & Poster Viewing**

**13:30 - 14:30 Panel: Very Early Cochlear Implantation in Deaf Babies: Is it Necessary and is it Feasible?**

**Moderator:** Prof. Ronen Perez

**Panelists:**

Prof. Liat Kishon-Rabin

Dr. Andreas Anagnostos

Ms. Riki Salem

Dr. Meirav Sokolov

**14:30 - 15:35 Oral Presentations II**

**Chairs:** Prof. Jean-Yves Sichel, Dr. Erez Davidi

**14:30 Endovascular Treatment of Pulsatile Tinnitus**

Anat Horev

*Neurology, Soroka Medical Center, Israel*

**14:39 Utilizing the Auditory Nerve Test System As An Intraoperative Tool For Assessing Cochlear Implant Candidacy: A Retrospective Evaluation**

Yisgav Shapira<sup>1</sup>, Shibli Alsleibi<sup>1</sup>, Yifat Yaar Soffer<sup>2</sup>, Ziva Yakir<sup>2</sup>, Yael Henkin<sup>2</sup>, Amit Wolfovitz<sup>1</sup>

<sup>1</sup>*Dept. of Otolaryngology, Head and Neck Surgery, Chaim Sheba Medical Center, Israel*

<sup>2</sup>*Hearing, Speech, and Language Center, Chaim Sheba Medical Center, Israel*

**14:48 Recording Electrically Cortical Auditory Potentials Directly From The Implant System: Toward a Novel Brain Objective Measure in Cochlear Implants**

Joseph Attias, Suhail HabibAllah

*Communication Sciences and Disorders, AudioNeuro Lab, University of Haifa*

**14:57 Long-term Outcomes in CI Patients With Acquired Hearing Loss Due to Cogan's Syndrome. Hearing Threshold Levels and Speech Discrimination Percentages Were Assessed and Compared**

Ioannis Pavlos Savva<sup>1</sup>, Marina Callimachou<sup>2</sup>, Andreas Anagiotos<sup>3</sup>

<sup>1</sup>ENT -Resident Doctor, Nicosia General Hospital, Cyprus

<sup>2</sup>ENT-Audiologist, Nicosia General Hospital, Cyprus

<sup>3</sup>ENT Doctor, Nicosia General Hospital, Cyprus

**15:06 Children with Congenital Hearing Loss and Middle Ear dysfunction: Challenges of Hearing Evaluation and Rehabilitation**

Ronit Priner<sup>1</sup>, Devora Brand<sup>1,2</sup>

<sup>1</sup>Communication Disorders, Hadassah Academic College, ISRAEL

<sup>2</sup>Audiology, Hadassah medical center, ISRAEL

**15:15 Diagnostic Yield and Gene Prevalence in Childhood-Onset Hearing Loss: A Systematic Review and Meta-Analysis**

Shahar Taiber<sup>1,2</sup>, Ryan J. Carlson, Karen B. Avraham

<sup>1</sup>Department of Otolaryngology/Head, Neck and Maxillofacial Surgery, Tel Aviv Sourasky Medical Center, Israel

<sup>2</sup>Department of Human Molecular Genetics & Biochemistry, Faculty of Medical & Health Sciences and Sagol School of Neuroscience, Tel Aviv University

**15:24 COVID-19 and Its Acute Effects on Hearing A Cross-Sectional Examination of Cochlear Outer Hair Cell Function**

Mor Shaked-shukrun

Otolaryngology, Rabin medical center

**15:35 - 16:00 Coffee Break, Exhibition & Poster Viewing**

**16:00 - 16:25 Keynote lecture: Gene Therapy for Deafness: Where is It Now and How Might it Impact Cochlear Implant Management?**

Prof. Jay Rubinstein, USA

**Chair:** Prof. Ronen Perez

**16:25 - 16:30 Closing Words**