



## **OTOLOGY-AUDIOLOGY SESSIONS**

*All Sessions will take place in Salon G-J*

### **Sunday, February 2, 2020**

6:30-7:00am: Registration & Breakfast – Conference Foyer & Exhibit Hall

**7:00-9:00am: Combined Session: Aging, Hearing Loss and Cognition – Herman Jenkins**

7:00-7:05am Welcome – Kenny Chan

7:05-7:25am Hearing, Dementia, and Brain Aging – Frank Lin

7:25-7:45am Otologic Issues in the Geriatric Patient – Yuri Agrawal

7:45-8:05am Cognitive Changes Following Cochlear Implantation in the Elderly – Heidi Olze

8:05-8:15am Questions and Discussion

8:15-9:00am Sylvan Stool Lecturer – The Aging Surgeon: An Athletic Analogy – Charles Myer III

**2:00-4:00pm: Translational-Rhinology/Laryngology/Auditory/Head and Neck Cancer – Sue Kinnamon**

2:00-2:15pm Microbiome and Immunotherapy for Head and Neck Cancer – Shi-Long Lu

2:15-2:30pm Immunogenomic Analysis Reveals Novel Subtypes of HPV (+) Oropharyngeal Squamous Cell Carcinoma – Jose Zevallos

2:30-2:45pm Immune Modulation By Bacteria Colonizing the Nasopharynx – Sarah Clark

2:45-3:00pm Innervation and Heterogeneity of Nasal Solitary Chemosensory Cells – Eric Larson

3:00-3:15pm The Role of Virus in Type 2 Airway Inflammation – Noam Cohen

3:15-3:30pm Between-ear Sound Frequency Disparity Modulates the Binaural Interaction Component of the ABR - Implications for Bilateral CI Fitting – Dan Tollin

3:30-3:45pm Alterations in the Sound Localization Pathway Result in Some Forms of Central Hearing Loss – Achim Klug

3:45-4:00pm Mechanisms of Taste Regeneration – Linda Barlow

**4:30pm Super Bowl Reception – Conference Foyer**

### **Monday, February 3, 2020**

6:30-7:00am: Registration & Breakfast – Conference Foyer & Exhibit Hall

**7:00-9:00am: Inner Ear Biomechanics, Auditory System and Neuropathy – Katie Rennie**

7:00-7:15am Post-developmental Roles of Myosin VIIa in Hair Cell Mechanotransduction – Anthony Peng

7:15-7:30am Single Cell RNA-Sequencing: Implications for Otolaryngologists – Michael Hoa

7:30-7:45am Effect of SCD on Bone Conduction/Temporal Bone Experiments and Computational Modeling – Heidi Nakajima

7:45-8:00am Optimization of Stimuli for Bone Conduction Elicited Auditory Brainstem Responses – Nate Greene

8:00-8:15am Measurement and Mitigation of Intracochlear Pressure Transients During Cochlear Implant Electrode Insertion – Renee Banakis Hartl

- 8:15-8:30am Prevalence and Significance of Cranial Nerve Imaging Abnormalities in Patients With Hereditary Neuropathies – Carleton Eduardo Corrales
- 8:30-8:45am The Relationship Between Infant Speech Perception and Language – Kristin Uhler
- 8:45-9:00am New Approaches for Tinnitus Using Bimodal Sound and Tongue Stimulation - Hubert Lim

**4:00-6:00pm: Vestibular Disorders – Steve Cass**

- 4:00-4:15pm Treating Recalcitrant Apogeotropic H-BPPV – Carol Foster
- 4:15-4:30pm Epley Maneuver Prognostic Factors – Jack Shohet
- 4:30-4:45pm Management of Meniere’s Disease: How Does the Coexistence of Vestibular Migraine Affect Outcomes – Hong Ju Park
- 4:45-5:00pm Diagnostic Clues for Superior Canal Dehiscence Syndrome – JaWon Koo
- 5:00-5:15pm Correlation Between Clinic and MRI in Meniere’s Disease – Carlos Cenjor
- 5:15-5:30pm Perioperative Vestibular Findings in Cochlear Implant Candidates – Jack Wazen
- 5:30-5:45pm Clinical Features and Management of Barotraumatic Perilymphatic Fistula – Won-Ho Chung
- 5:45-6:00pm Pulsatile Tinnitus: Surgery vs Coiling – Peter Weber
- 6:30pm Welcome Reception – Exhibit Hall

**Tuesday, February 4, 2020**

6:30-7:00am: Registration & Breakfast – Conference Foyer & Exhibit Hall

**7:00-9:00am: Cochlear Implants – Herman Jenkins**

- 7:00-7:15am Long Term Cognitive Outcomes Following Cochlear Implantation in the Elderly, 5 Year Follow Up – Jacques Herzog
- 7:15-7:30am Iowa Update: Acoustic + Electric Hearing Advantage – Bruce Gantz
- 7:30-7:45am Hearing Preservation and Cochlear Implantation Including Partial Insertion Technique – Thomas Lenarz
- 7:45-8:00am Deductions From Intraoperative Measurements During Cochlear Implantation – Alex Huber
- 8:00-8:15am Cochlear Implant Electrode Insertion with ECoChG Monitoring – Andrzej Zarowski
- 8:15-8:30am Long-term Hearing Preservation in Electric Acoustic Cochlear Implant Candidates – Georg Sprinzl
- 8:30-8:45am Do Patients Benefit from a Cochlear Implant When They Qualify Only in the Presence of Background Noise? – Sam Gubbels
- 8:45-9:00am Study on the Artifact Generated by the Medel-Synchrony Cochlear Implant in Healthy Individuals by 1, 5 and 3 tesla MRI: Recommendations on the Best Processor Position – Carlos Cenjor

**4:00-6:00pm: Cochlear Implants – Melinda Anderson**

- 4:00-4:15pm Evaluation of the Subjective and Objective Music Perception Discrimination Skills and Self-awareness in Elderly CI Recipients Before and After Music Therapy – Astrid Magele
- 4:15-4:30pm Incidence of Sleep Study-Determined OSA in Temporal Encephalocele Patients – Michael Hoa
- 4:30-4:45pm CI in Patients With VS – Special Focus on Intracochlear Schwannomas – Heidi Olze
- 4:45-5:00pm Novel Variants in Syndromic Hearing Impairment Genes and Associations with Audiometric Thresholds in a Multi-Ethnic Cohort of US Patients with Cochlear Implants – Patricia Yoon
- 5:00-5:15pm Microphone Technology for Fully Implantable Cochlear Implants – Alex Huber
- 5:15-5:30pm Postoperative Visualization Of CI Electrodes With Its Electrophysiological Correlates – Andrzej Zarowski
- 5:30-5:45pm Cortical Reorganization in Auditory and Associated Cortices by Sound Deprivation in Postlingually Deaf Adults and its Clinical Utility as a Prediction Marker to Predict Cochlear Implant Performance – Hong Ju Park
- 5:45-6:00pm Causes and Management of Hearing Loss After Cochlear Implantation – Marlan Hansen
- 6:00-6:15pm Review of the Cochlear Osia System Clinical Outcomes – Brian Kaplan

**Wednesday, February 5, 2020**

6:30-7:00am: Registration & Breakfast – Conference Foyer & Exhibit Hall

**7:00-9:00am: CI rehabilitation and Other Implantable Devices – Bruce Gantz**

- 7:00-7:15am Effectiveness of Place-Based Mapping in Cochlear Implant and Electric-Acoustic Stimulation Listeners – Meg Dillon

- 7:15-7:30am A Systematic Literature Review and A Meta-Analysis Of A Bone Conduction Implant: The Bonebridge – Astrid Magele
- 7:30-7:45am Transcutaneous Bone Conduction Implants and Their Artefacts in MRI – Georg Sprinzl
- 7:45-8:00am Clinical Performance of the Osia System – Results From a Prospective, International, Multicenter Clinical Investigation – Piotr Skarzynski
- 8:00-8:15am How Coping Strategies Relate to Speech Outcomes and Cochlear Implant-Specific Quality of Life Following CI – Michael Harris
- 8:15-8:30am Testing Speech Perception with Cochlear Implants Using Digital Audio Streaming in a Virtual Sound Booth – Dan Zeitler
- 8:30-8:45am Quality of Life for Older Cochlear Implant Recipients – Richard Gurgel
- 8:45-9:00am Challenges On Bilingualism in Cochlear Implant Patients – Juan Chiossone

**4:00-6:00pm: Chronic Ear and Ossicular Reconstruction – Stephen Cass**

- 4:00-4:15pm Otosclerosis In The Vaccine Era – Jeffrey Vrabec
- 4:15-4:30pm Revision Stapedotomy – Erwin Offeciers
- 4:30-4:45pm Results of Stapedotomy in Otosurgical Treatment of Adult Patients with Osteogenesis Imperfecta – Piotr Skarzynski
- 4:45-5:00pm Narcotic Use in Otologic Surgery – Jameson Mattingly
- 5:00-5:15pm Genetics in Hearing Loss – Milan Profant
- 5:15-5:30pm Eustachian Tube Dysfunction and Cholesteatoma – Holger Sudhoff
- 5:30-5:45pm Single Stage Cholesteatoma Surgery with MRI Evaluation for Residual Cholesteatoma – Joni Doherty
- 5:45-6:00pm Bony Obliteration Technique in Pediatric Cholesteatoma – Erwin Offeciers

**Thursday, February 6, 2020**

**7:00-9:00am: Base of Skull and Tinnitus – Sam Gubbels**

- 7:00-7:20am Clinical Outcomes in Cochlear Reimplantations – Laura Campos
- 7:20-7:40am Pearls and Pitfalls in Superior Semicircular Canal Dehiscence – Stephen Cass
- 7:40-8:00am Titanium Mesh Cranioplasty After Skull Base Surgery – Brian Perry
- 8:00-8:20am Electrocochleography During Translabyrinthine Approach to Vestibular Schwannoma Removal – Jameson Mattingly
- 8:20-8:40am Use of Electrical Stapedial Reflex Thresholds Obtained with Active Insertion Monitoring System in Patients with Long Term Deafness – Alexandra O’Dell
- 8:40-9:00am Chronic Electrical Stimulation of the Otolith Organ, For Balance Restoring. Preliminary Results in Humans – Andrzej Zarowski

*Meeting Adjourned*