

**AMERICAN NEUROTOLOGY SOCIETY**

**59<sup>th</sup> Annual Spring Meeting**

**PRELIMINARY PROGRAM**

**May 18-19, 2024**

**Chicago, IL**

*(ANS Posters will be displayed on Friday & Saturday, May 17-18, 2024)*

**SATURDAY MAY 18, 2024**

1:00 **BUSINESS MEETING** *(Treasurers report/New Member Induction)*  
*Members Only*

1:30 **SCIENTIFIC SESSION**  
**OPENING REMARKS BY THE PRESIDENT** - *Elizabeth H. Toh, MD, MBA*  
*(Open to registered Members and Non-members – Badge required for admittance)*

1:32 **PRESIDENTIAL CITATIONS**  
*Carlos David, MD*  
*Barry E. Hirsch, MD*  
*William M. Luxford, MD*  
*Stephanie A. Moody-Antonio, MD*  
*P. Ashley Wackym, MD*  
*Peter C. Weber, MD, MBA*

1:40 **5<sup>th</sup> ANNUAL NOEL L. COHEN AWARD FOR SIGNIFICANT CONTRIBUTIONS TO  
OTOLOGY AND NEUROTOLOGY**  
*Presented by Elizabeth H. Toh, MD, MBA, President*

1:45 **INTRODUCTION OF WILLIAM F. HOUSE MEMORIAL LECTURE**  
*Elizabeth H. Toh, MD, MBA*

1:46 **WILLIAM F. HOUSE MEMORIAL LECTURE**  
**Concussion: Little-known Biological Consequences for the Hearing Brain**  
*Nina Kraus, PhD*  
*Hugh Knowles Professor of Communication Sciences, Neurobiology, and Otolaryngology*  
*Northwestern University, Chicago, IL*

2:06 **DISCUSSION/Q&A**

2:11 **MICHAEL E. GLASSCOCK SCIENTIFIC MERIT AWARD**  
*Presented by David S. Haynes, MD, MMHC*  
*Awarded to John P. Marinelli, MD*  
*Cochlear Implantation with Sporadic Inner Ear Schwannomas: An International Multi-Institutional*  
*Study of 90 Patients*  
*Presentation will be Sunday May 19, 2024, at 10:22am*

- 2:13 **SESSION A - COCHLEAR IMPLANTATION - CANDIDACY & OUTCOMES**  
**INTRODUCTION OF ABSTRACTS**  
*Alicia M. Quesnel, MD, Moderator*
- 2:14 **NEUROTOLOGY FELLOW AWARD**  
**Investigating the Minimal Clinically Important Difference for AzBio and CNC Speech Recognition Scores**  
*Ankita Patro, MD, MS*  
*Aaron C. Moberly, MD*  
*Michael H. Freeman, MD*  
*Elizabeth L. Perkins, MD*  
*Marc L. Bennett, MD, MMHC*  
*David S. Haynes, MD, MMHC*  
*Naweed I. Chowdhury, MD, MPH*
- 2:20 **Qualifying Cochlear Implant Candidates – Does it Matter how Patients are Qualified?**  
*David S. Lee, MD*  
*Jacques A. Herzog, MD*  
*Cameron C. Wick, MD*  
*Nedim Durakovic, MD*  
*Craig A. Buchman, MD*  
*Matthew A. Shew, MD*
- 2:26 **Cochlear Implantation for Single-Sided Deafness in Pediatric Patients: A Critical Assessment of Long-term Usage Rate**  
*Robert J. Macielak, MD*  
*Celine Richard, MD, PhD*  
*Prashant Malhotra, MD*  
*Ursula M. Findlen, PhD*  
*Oliver F. Adunka, MD, MBA*
- 2:32 **Single Institution Failure Rates and Speech Recognition Outcomes in HiRes Ultra Series Recall**  
*Taimur Siddiqui, BSA, BBA*  
*Benjamin D. Lovin, MD*  
*Alex D. Sweeney, MD*  
*Nathan R. Lindquist, MD*
- 2:38 **A Multi-Institutional Analysis of Advanced Bionics HiRes V1 Cochlear Implant Device Failures**  
*Michael H. Freeman, MD*  
*Nathan R. Lindquist, MD*  
*James R. Dornhoffer, MD*  
*Benjamin D. Lovin, MD*  
*Kristen L. Yancey, MD*  
*Matthew L. Carlson, MD*  
*Marc L. Bennett, MD, MMHC*

- 2:44 **HERBERT SILVERSTEIN AWARD FOR RESEARCH EXCELLENCE IN  
OTOLOGY/NEUROTOLOGY**  
**Expression of TGF $\beta$ -1 and CTGF in the Implanted Cochlea and its Implication on New Tissue  
Formation**  
*Adam Y. Xiao, MD, PhD*  
*Ivan A. Lopez, PhD*  
*Gail Ishiyama, MD*  
*Akira Ishiyama, MD*
- 2:50 **DISCUSSION/Q&A with MODERATOR**
- 2:56 **INTRODUCTION - Ronna Hertzano, MD, PhD - ANS Research Committee Chair**  
**ANS RESEARCH GRANT PRESENTATION**  
**Sustained Drug Release of Dexamethasone and Neurotrophic Agents from Zwitterionic  
Thin Film Coatings for Decreased Inflammation and Improved Spiral Ganglion Neuron  
Survival following Cochlear Implantation**  
*Nir Ben-Shlomo, MD*  
*University of Iowa*  
*ANS Research Grant Recipient 2023*
- 3:03 **DISCUSSION/Q&A with MODERATOR**
- 3:05 **BREAK WITH EXHIBITORS**
- 3:35 **INVITED PRESENTATION**  
**Skullbase Coding Survey Update**  
*Shawn M. Stevens, MD*
- 3:40 **SESSION B - ADVANCES IN OTOLOGY & NEUROTOLOGY**  
**INTRODUCTION OF ABSTRACTS**  
*Cameron C. Wick, MD, Moderator*
- 3:41 **ANS TRAINEE AWARD**  
**Impact of Modifiable Surgical Factors on Ossiculoplasty Outcomes after Controlling for Ear  
Environment Risk: A Multi-Institutional Study**  
*Ryan T. Judd, MD*  
*Richard K. Gurgel, MD, MSCI*  
*John L. Dornhoffer, MD*  
*Matthew L. Carlson, MD*  
*J. Walter Kutz, MD*  
*Jafri Kuthubutheen, MD*  
*Michael B. Gluth, MD*
- 3:47 **Optical Coherence Tomography Imaging of Middle Ear Glomus Tumors in Clinic**  
*Dorothy W. Pan, MD, PhD*  
*Marcela A. Moran, BS*  
*Wihan Kim, PhD*  
*Jack C. Tang, PhD*

*Frank D. Macias-Escriva, BS*

*Brian E. Applegate, PhD*

*John S. Oghalai, MD*

**3:53 Pain Control After Otologic Surgery: Do Nonopioid Analgesics Suffice?**

*Mustafa G. Bulbul, MD, MPH*

*Zulkifl Jafary, BS*

*Brian M. Kellermeyer, MD*

*Scott B. Shapiro, MD*

**3:59 Detection of CSF Leaks with Intrathecal Gadolinium MRI Cisternograms**

*Douglas J. Totten, MD, MBA*

*Cody Whitted, BS*

*Kevin T. Booth, PhD*

*Kristine M. Mosier, DMD, PhD*

*Evan Cumpston, MD*

*Nicholas A. Koontz, MD*

*Rick F. Nelson, MD, PhD*

**4:05 NEUROLOGY FELLOW AWARD**

**Lumbar Puncture Opening Pressure and Polysomnogram Findings in Patients with Lateral Spontaneous Cerebrospinal Fluid Leaks**

*Evan Cumpston, MD*

*William Zhang, BS*

*Douglas J. Totten, MD, MBA*

*Charles W. Yates, MD*

*Rick F. Nelson, MD, PhD*

**4:11 DISCUSSION/Q&A with MODERATOR**

**4:16 INTRODUCTION of PANEL - Elizabeth H. Toh, MD, MBA**

**4:18 PANEL**

**Contemporary Management of Spontaneous CSF Leaks, before and after Surgical Repair**

*Rick F. Nelson, MD, PhD, Moderator*

*Meredith E. Adams, MD, MS*

*Bradley Bohnstedt, MD, FAANS*

*Mark Bennett, MD, MMHC*

*Emily Z. Stucken, MD*

**5:08 CLOSING REMARKS**

**5:10 ADJOURN**

**SUNDAY MAY 19, 2024**

**7:00 BUSINESS MEETING/COMMITTEE REPORTS**

*(All welcome – Coffee, tea and continental breakfast for all registered ANS attendees)*

**7:30 SCIENTIFIC SESSION**

**OPENING REMARKS BY THE PRESIDENT - Elizabeth H. Toh, MD, MBA**

*(Open to registered Members and Non-members – Badge required for admittance)*

**7:33 SESSION C - CURRENT CONCEPTS FOR VESTIBULAR SCHWANNOMAS  
INTRODUCTION OF ABSTRACTS**

*Courtney C.J. Voelker, MD, PhD, Moderator*

**7:34 Long-Term Prospective Quality-of-Life Outcomes in 445 Patients with Sporadic Vestibular Schwannoma**

*Eric E. Babajanian, MD*

*Christine M. Lohse, MS*

*Nicole M. Tombers, RN*

*Michael J. Link, MD*

*Matthew L. Carlson, MD*

**7:40 Residual Vestibular Schwannomas and Low Tendency for Future Growth**

*Douglas J. Totten, MD, MBA*

*Evan Cumpston, MD*

*Samuel Kaefer, BS*

*Troy Wesson, BS*

*Brooke Stephanian, BS*

*Rohit Chatterjee, BS*

*Sabin Karki, BS*

*Rick F. Nelson, MD, PhD*

**7:46 Effect of Simvastatin and Radiation on Viability of Primary Vestibular Schwannoma**

*Matthew Wiefels, BS*

*Olena Bracho, BS*

*Mikhail Marasigan, BS*

*Fred F. Telischi, MD, MEE*

*Michael Ivan, MD*

*Cristina Fernandez-Valle, PhD*

*Christine T. Dinh, MD*

**7:52 Angiotensin-Receptor Blockers Prevent Vestibular Schwannoma-Associated Hearing Loss**

*Samuel A. Early, MD, MS*

*Alyssa Brown, BS*

*Lei Xu, MD, PhD*

*Konstantina M. Stankovic, MD, PhD (presenter)*

- 7:58 **Amplifying Endoplasmic Reticulum Stress with Adenosine Triphosphate-Coated Gold Nanoclusters: A Promising Approach for the Treatment of Vestibular Schwannoma**  
*Peter Kullar, MA, PhD, FRCS*  
*Laurent A. Bekale, PhD*  
*Jing Chen*  
*Rohit Duggaraju*  
*Zin Mie Mie Htun*  
*Peter L. Santa Maria, MBBS, PhD*
- 8:04 **DISCUSSION/Q&A with MODERATOR**
- 8:10 **INTRODUCTION** *Aaron Remenschneider, MD, MPH - ANS Research Committee Chair-Elect*  
**ANS RESEARCH GRANT PRESENTATION**  
**Extracellular Matrix Remodeling and Tumor Inflammation Markers in Aggressive Vestibular Schwannomas**  
*Yin Ren, MD, PhD*  
*The Ohio State University*  
*2023 ANS Research Grant Recipient*
- 8:17 **DISCUSSION/Q&A with MODERATOR**
- 8:19 **INTRODUCTION OF WILLIAM E. HITSELBERGER MEMORIAL LECTURE**  
*Elizabeth H. Toh, MD, MBA*
- 8:20 **WILLIAM E. HITSELBERGER MEMORIAL LECTURE**  
**Contemporary Management of Acute and Chronic Facial Paralysis: A Focus on Timing and Outcomes**  
*Samuel L. Oyer, MD*  
*Associate Professor*  
*Facial Plastic & Reconstructive Surgery*  
*Department of Otolaryngology*  
*University of Virginia, Charlottesville, VA*
- 8:40 **DISCUSSION/Q&A**
- 8:45 **SESSION D - UPDATES IN NEUROTOLOGY**  
**INTRODUCTION OF ABSTRACTS**  
*Syed Ahsan, MD, Moderator*
- 8:46 **Successful Audiologic Outcomes with Auditory Brainstem Implantation including Bilateral Implantation**  
*Douglas M. Bennion, MD, PhD*  
*Alicia Williams, AuD*  
*Rick A. Friedman, MD, PhD*  
*Marc S. Schwartz, MD, PhD*
- 8:52 **Superior Semicircular Canal Dehiscence in Chronic Ear Disease: Is it Clinically Relevant?**  
*Kurt C. Mueller, MD*

*Jacob P. Hagen, BS*  
*Christian K. Kerut, BS*  
*Rahul Mehta, MD*  
*Anne K. Maxwell, MD*

**8:58 Long-term Outcomes Following Sinus Wall Reconstruction for Sigmoid Sinus Wall Anomalies**

*Adaobi E. Ahanotu, BS*  
*Kimberly Oslin, MD*  
*Marjohn M. Rasooly, MSN*  
*David J. Eisenman, MD*

**9:04 NICHOLAS TOROK VESTIBULAR AWARD**

**Nationwide Resource Utilization of Dizziness/Vertigo Presentations to the ED**

*D. O'Neil Danis, III, MD*  
*Matthew Kovoor*  
*Kathryn Y. Noonan, MD*  
*Jonathon S. Sillman, MD*

**9:10 DISCUSSION/Q&A with MODERATOR**

**9:14 INTRODUCTION of PANEL - Elizabeth H. Toh, MD, MBA**

**9:16 PANEL**

**Ready, Set, GPT! Supercharge Neurotology Now with AI-Empowered Tools**

*Si Chen, MD, Moderator*  
*Matthew G. Crowson, MD, MPA, MASc, MBI*  
*Matthew A. Shew, MD*

**10:01 MIDMORNING BREAK**

**10:21 SESSION E - FUTURE DIRECTIONS IN COCHLEAR IMPLANTATION**

**INTRODUCTION OF ABSTRACTS**

*Mark Bassim, MD, Moderator*

**10:22 MICHAEL E. GLASSCOCK SCIENTIFIC MERIT AWARD**

**Cochlear Implantation with Sporadic Inner Ear Schwannomas: An International Multi-Institutional Study of 90 Patients**

*John P. Marinelli, MD*  
*J. Thomas Roland Jr., MD*  
*Kevin D. Brown, MD*  
*Elizabeth L. Perkins, MD*  
*Simon K.W. Lloyd, MBBS, FRCS*  
*Matthew L. Carlson, MD*  
*Stefan K. Plontke, MD*

- 10:28 **Simultaneous Ipsilateral Labyrinthectomy and Cochlear Implantation in Patients with Refractory Ménière's Disease**  
*Robert J. Macielak, MD*  
*Markus E. Harrigan, PhD*  
*Vivian F. Kaul, MD*  
*Aaron C. Moberly, MD*  
*Edward E. Dodson, MD*  
*Oliver F. Adunka, MD, MBA*  
*Yin Ren, MD, PhD*
- 10:34 **Intraoperative Electrical Stapedius Reflex Testing is a Reliable Method for Monitoring Cochlear Nerve Integrity during Simultaneous Vestibular Schwannoma Resection and Cochlear Implantation**  
*Ghazal S. Daher, MD*  
*Aniket A. Saoji, PhD*  
*Collin L. W. Driscoll, MD*  
*Brian J. Neff, MD*  
*Matthew L. Carlson, MD*
- 10:40 **Electrocochleography-Guided Pull-Back Technique of Perimodiolar Electrode for Improved Hearing Preservation**  
*Amit Walia, MD, MSCI*  
*Matthew A. Shew, MD*  
*Amanda Ortmann, PhD*  
*Jordan Varghese, MD*  
*Shannon Lefler, AuD*  
*Jacques A. Herzog, MD*  
*Craig A. Buchman, MD*
- 10:46 **Intraoperative Acoustic Monitoring Using Behavioral Audiometry during Cochlear Implantation Under Local Anesthesia: Towards Optimizing Hearing Preservation Outcomes**  
*Karl R. Khandalavala, MD*  
*Sarah E. Ostlie, AuD*  
*Max M. Ladsten*  
*Amanda R. Lohmann, RN*  
*Matthew L. Carlson, MD*
- 10:52 **Image Quality Improvement in MRI of Cochlear Implants after Metal Artifact Reduction**  
*Arianna Winchester, MD*  
*Justin Cottrell, MD*  
*Emily Kay-Rivest, MD, MSc*  
*Mary Bruno, RT*  
*Gul Moonis, MD*  
*Mari Hagiwara, MD*  
*Daniel Jethanamest, MD, MSc*
- 10:58 **DISCUSSION/Q&A with MODERATOR**



11:04 **INTRODUCTION of PANEL** - *Elizabeth H. Toh, MD, MBA*

11:06 **PANEL**

**Utilization of Advanced Practice Providers (APPs) in the Setting of a Neurotology/Otology Practice: Academic vs. Privademic vs. Private Practice Considerations**

*Michael Hoa, MD, Moderator*

*Samuel P. Gubbels, MD*

*Maria Machala, NP, MS*

*J. Douglas Green, MD*

*Judy Nelson, DMSc, PA-C*

*Peter A. Weisskopf, MD*

*Angela S. Peng, MD*

11:51 **INTRODUCTION OF INCOMING PRESIDENT**

*J. Thomas Roland, Jr., MD*

11:54 **CLOSING REMARKS** - *Elizabeth H. Toh, MD, MBA*

11:56 **ADJOURN**