AMERICAN NEUROTOLOGY SOCIETY
59th Annual Spring Meeting
PREMILINARY 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 5th 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. GLASCOCK 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
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. Dornhofer, MD
Benjamin D. Lovin, MD
Kristen L. Yancey, MD
Matthew L. Carlson, MD
Marc L. Bennett, MD, MMHC
HERBERT SILVERSTEIN AWARD FOR RESEARCH EXCELLENCE IN OTOLOGY/NEUROTOLOGY

Expression of TGFβ-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

DISCUSSION/Q&A with MODERATOR

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

DISCUSSION/Q&A with MODERATOR

BREAK WITH EXHIBITORS

INVITED PRESENTATION
Skullbase Coding Survey Update
Shawn M. Stevens, MD

SESSION B - ADVANCES IN OTOLOGY & NEUROTOLOGY
INTRODUCTION OF ABSTRACTS
Cameron C. Wick, MD, Moderator

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

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
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 NEUROTOLOGY 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

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
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 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
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  

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
10:40 **Electrocochleography-Guided Pull-Back Technique of Perimodiolar Electrode for Improved Hearing Preservation**
Amit Walia, MD, MSCI
Matthew A. Shew, MD
Amanda Ortman, 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. Privyadevic vs. Private Practice Considerations
Michael Hoa, MD, Moderator

11:51 **INTRODUCTION OF INCOMING PRESIDENT**
J. Thomas Roland, Jr., MD

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

11:56 **ADJOURN**