

**AMERICAN OTOLOGICAL SOCIETY**  
**158<sup>th</sup> ANNUAL MEETING**  
**PRELIMINARY PROGRAM**  
**May 16-18, 2025**  
**New Orleans, LA**  
*(AOS Posters will be displayed on Friday & Saturday)*

**SATURDAY, MAY 17, 2025**

- 1:00 BUSINESS MEETING and NEW MEMBER INTRODUCTION**  
*(All registered attendees welcome)*
- 1:25 SCIENTIFIC PROGRAM**  
*(Open to registered Members and Non-members – Badge required for admittance)*
- 1:25 WELCOME & OPENING REMARKS BY THE PRESIDENT**  
*William H. Slattery, III, MD*
- 1:27 PRESIDENTIAL CITATIONS**
- 1:37 INTRODUCTION OF GUEST OF HONOR**  
*William H. Slattery, III, MD*
- 1:39 GUEST OF HONOR LECTURE**  
**Regenerating Auditory Nerves: Basic Science to Clinical Trials**  
*Prof Marcelo N. Rivolta*  
*Professor of Sensory Stem Cell Biology*  
*Centre for Stem Cell Biology, School of Biosciences*  
*University of Sheffield*  
*United Kingdom*
- 2:24 SESSION A – COCHLEAR IMPLANTS I**  
*Kevin D. Brown, MD, PhD & Stephanie A. Moody Antonio, MD, Moderators*
- 2:25 Cochlear Reimplantations Following Device Dysfunction: A Retrospective Cohort Study**  
*Mélyssa Fortin, MD*  
*Richard Bussi eres, MD*  
*Mathieu C ot e, MD*  
*Daniel Philippon, MD, DMD*  
*Sandra Fortin, MPA*  
*Mathieu Trudel, MD*
- 2:31 Does Early Tinnitus Improvement Influence Long-Term Quality of Life in Cochlear Implant Recipients?**  
*Barak M. Spector, BS*  
*Katelyn A. Berg AuD, PhD*  
*David S. Haynes, MD, MMHC*

*Terrin N. Tamati, PhD*  
*Aaron C. Moberly, MD*

**2:37 Optimizing Cochlear Implant Activation: A Prospective Patient-Preference Study**

*Arman Saeedi, MD, MPH*  
*Mihai A. Bentan, BS*  
*Albina Islam, MD*  
*Nauman F. Manzoor*  
*Daniel H. Coelho, MD*

**2:43 High-resolution Flat-panel CT Analysis of Cochlear Implant Electrode Contact Orientation**

*Ana Marija Sola, MD*  
*Nicole Jiam, MD*  
*Melanie Gilbert, AuD*  
*Luke Helpard, PhD*  
*Charles J. Limb, MD*

**2:49 Pre-Curved Versus Straight Arrays for Hearing Preservation in Cochlear Implantation: A Systematic Review and Meta-Analyses**

*David Elisha, BS*  
*Nicholas DiStefano, BS*  
*Rahul Mittal, PhD*  
*Andrea Monterrubio, BS*  
*Jeenu Mittal MSc*  
*Adrien Eshraghi, MD*

**2:55 DISCUSSION WITH MODERATOR**

**3:00 BREAK WITH EXHIBITORS**

**3:30 THE BIG EASY: LOCAL EXPERT PRESENTATION**

*Introduction by Moises A. Arriaga, MD, MBA*

**Ushers Disease: Diagnosis and New Treatment Options**

*Jennifer J. Lentz, PhD*  
*Associate Professor of Otorhinolaryngology & Biocommunications and Neuroscience*  
*Adjunct Associate Professor of Ophthalmology*  
*LSU Health New Orleans*

**4:00 SESSION B - CHRONIC OTITIS MEDIA**

*Matthew L. Bush, MD, PhD & Ana H. Kim, MD, Moderators*

**4:01 Outcomes of Tympanic Membrane Regeneration Therapy for Elderly Patients**

*Rie Kanai, MD*  
*Shin-ichi Kanemaru, MD, PhD*  
*Tomoya Yamaguchi, MD*  
*Ryohei Yuki, MD*  
*Razumu Shirai MD*

*Hiroyuki Harada, MD*  
*Toshiki Maetani, MD, PhD*

**4:07 Tympanoplasty Outcomes of Indigenous Populations**

*Catherine F. Roy, MD*  
*Jeffrey C. Yeung, MD, MSc*  
*Lamiae Himdi, MD*  
*Tamara Mijovic, MD, MSc*

**4:13 Comparing Pediatric and Adult Chronic Otitis Media with Cholesteatoma at the Single-Cell Level**

*Daniel R. Romano, MD*  
*Song-Zhe Li, MD, PhD*  
*Richard A. Chole, MD, PhD*  
*Michael Hoa, MD*  
*Sidharth V. Puram, MD, PhD*  
*Keiko Hirose, MD*

**4:19 Does Mastoid and Epitympanic Obliteration with S53P4 Bioactive Glass Reduce Cholesteatoma Recidivism in Canal-Wall-Up Surgeries? A Retrospective Clinical Study**

*Daniele Bernardeschi, MD, PhD*  
*Hugo Delille, MD*  
*Matteo Di Bari, MD*  
*Olivier Sterkers, MD, PhD*  
*Ghizlene Lahlou, MD, PhD*  
*Lauranne Alciato, MD*

**4:25 Meningitis and Temporal Bone Pathology - A Diagnostic Recommendation**

*Ava Karam, BS*  
*Frank Rizzuto, BS*  
*LTC Isaac Erbele, MD*  
*Julio Figueroa, MD*  
*Rahul Mehta, MD*  
*Moises A. Arriaga, MD, MBA*

**4:31 DISCUSSION WITH MODERATOR**

**4:36 INTRODUCTION of PANEL – William H. Slattery, III, MD**

**4:37 PANEL  
UPDATE ON IMAGING / NEW IMAGING TECHNIQUES**

*Mary Ying, MD & Kay W. Chang, MD, Co-Moderators*

**5:07 CLOSING REMARKS/ADJOURNMENT**

*William H. Slattery, III, MD*

**5:15 ANNUAL AOS MEMBER PHOTOGRAPH**

## **SUNDAY, MAY 18, 2025**

- 7:00 BUSINESS MEETING** (*Committee Reports*)  
(All welcome – Coffee, tea and continental breakfast for all registered AOS attendees)
- 7:30 SCIENTIFIC PROGRAM**  
(Open to registered Members and Non-members – Badge required for admittance)
- 7:30 WELCOME & OPENING REMARKS BY THE PRESIDENT**  
*William H. Slattery, III, MD*
- 7:31 SESSION C - COCHLEAR IMPLANTS II**  
*Sharon L. Cushing, MD, MSc & Daniel M. Zeitler, MD*
- 7:32 Retrospective Comparison of Hearing Preservation Outcomes Following Robotic-Assisted and Manual Cochlear Implantation**  
*Ilana Yellin, MD*  
*Nathan Jacob, BS*  
*Michael Seidman, MD*  
*Ariel Brownlee, AuD*
- 7:38 A Within-Subject Comparison of Hearing Preservation Outcomes for Bilateral Cochlear Implant Recipients**  
*Michael W. Canfarotta, MD*  
*Ankita Patro, MD, MS*  
*Aaron C. Moberly, MD*  
*Marc L. Bennett, MD*  
*Jourdan T. Holder, AuD, PhD*  
*David S. Haynes, MD*  
*Elizabeth L. Perkins, MD*
- 7:44 Speech Discrimination Outcomes in Patients with Perimodiolar vs Lateral Wall Cochlear Implant Arrays: A Systematic Review and Meta-Analysis**  
*David Octeau, MD*  
*Lacey Cantrell, MD*  
*Molly Smeal, AuD*  
*Mary Schleider, RN, MLIS*  
*Samantha Anne, MD*  
*Edward Doyle, MD*  
*Mark Bassim, MD*
- 7:50 Cochlear Implant Insertion Trauma is Associated with Spiral Ganglion Neuron "Dead Zones" in the Human**  
*Christopher K. Giardina, MD, PhD*  
*Anbuselvan Dharmarajan, MD, MPH*  
*Julie G. Arenberg, PhD*  
*Alicia M. Quesnel, MD*

- 7:56 Postoperative Outcomes with Bimodal Hearing and Bilateral Cochlear Implantation in the Elderly**  
*William G. Cohen, MD*  
*Ankita Patro, MD, MS*  
*Michael W. Canfarotta, MD*  
*Natalie Schauwecker, MD*  
*Jourdan Holder, AuD, PhD*  
*David S. Haynes, MD, MMHC*  
*Elizabeth L. Perkins, MD*
- 8:02 DISCUSSION WITH MODERATOR**
- 8:07 SESSION D – SENSORINEURAL HEARING LOSS**  
*Keiko Hirose, MD & Ravi N. Samy, MD, Moderators*
- 8:08 Working Behaviors and the Risk of Sensorineural Hearing Loss: A Large Cohort Study**  
*Wendu Pang, MD*  
*Yao Song, MD*  
*Wei Xu, PhD*  
*Jianjun Ren, MD, PhD*  
*Yu Zhao, MD, PhD*
- 8:14 GLP1 Agonist Treatment in Metabolic Syndrome Improves Hearing Outcomes - A Multi-National Database Study**  
*Emily E. Belding, BA, MMS*  
*Zachary D. Urdang, MD, PhD*  
*Peter Eckard, BS*  
*Marlan R. Hansen, MD*  
*Douglas Bennion, MD, PhD*  
*Alexander Claussen, MD*
- 8:20 Enhancing Early Detection: Evaluating Targeted Screening for Congenital Cytomegalovirus in Newborns**  
*Peter Kfoury, MD*  
*Megna D. Reddy, BS*  
*Albert H. Park, MD*
- 8:26 Clinical Development of AK-OTOF Gene Therapy for OTOF-Mediated Hearing Loss**  
*Marlan R. Hansen, MD*  
*Chen-Chi Wu, MD*  
*John A. Germiller, MD, PhD*
- 8:32 A Novel Transcanal Catheter for Delivery of Hypothermia to the Inner Ear**  
*Maria F. Yepes, MD*  
*Pavan S. Krishnan, MD*  
*Aparna Govindan, MD*  
*Curtis King, MS*  
*Simon I. Angeli, MD*

*Suhrud M. Rajguru, PhD*

- 8:38 DISCUSSION WITH MODERATOR**
- 8:43 INTRODUCTION OF SAUMIL N. MERCHANT MEMORIAL LECTURE**  
*William H. Slattery, III, MD*
- 8:45 SAUMIL N. MERCHANT MEMORIAL LECTURE**  
**Extracellular Vesicles and Treatment of Hearing Loss**  
*Hinrich Staecker, MD, PhD*  
*David and Mary Zamierowsky Endowed Professor*  
*Professor, Otolaryngology-Head and Neck Surgery*  
*University of Kansas School of Medicine*  
*Kansas City, KS*
- 9:15 INTRODUCTION of PANEL – William H. Slattery, III, MD**
- 9:16 PANEL**  
**NOISE INDUCED HEARING LOSS**  
*Matthew L. Bush, MD, PhD & Quyen Nguyen, MD, PhD, Co-Moderators*
- 9:46 MID-MORNING BREAK**
- 10:11 SESSION E - OTOSCLEROSIS, MENIERE’S DISEASE & VESTIBULAR SCHWANNOMA**  
*Gregory J. Basura, MD, PhD & Soha N. Ghossaini, MD, Moderators*
- 10:12 Risk Factors Associated with Otosclerosis: A National Database Study**  
*Prithwijit Roychowdhury, MD*  
*Miriam Smetak, MD*  
*Matthew Shew, MD*  
*Jacques Herzog, MD*  
*Craig Buchman, MD*  
*Nedim Durakovic, MD*
- 10:18 Evaluating the Necessity of Preoperative CT Imaging for Stapedectomy**  
*Amor Niksic, BS*  
*Albert Y. Li, BA*  
*Tyler J. Gallagher, BS*  
*Hyun Sang Cho, MD*  
*Rance Fujiwara, MD, MBA*  
*Joni K. Doherty, MD, PhD*  
*Hitomi Sakano, MD, PhD*
- 10:24 Endoscopic vs. Microscopic Stapedotomy for Otosclerosis: An Updated Meta-Analysis of Complications**  
*Hamzah Jehanzeb, MBBS*  
*Dahir Ashfaq*  
*Zayan Alidina*

*Hamdan A. Pasha, MBBS*  
*Syed A. Abbas, MBBS*

**10:30 Temporal Bone 3D Reconstruction and Analysis of Endolymph Volume in Meniere's Disease**

*Achilles A. Kanaris, BS*  
*Adam Y. Xiao, MD, PhD*  
*Eashan Biswas*  
*Gregory P. Lekovic, MD, PhD*  
*John L. Go, MD*  
*Stephen S. Cai, MD*  
*Ivan A. Lopez, PhD*  
*Gail P. Ishiyama, MD*  
*Akira Ishiyama, MD*

**10:36 Cochlear Signal Intensity Changes in Vestibular Schwannoma: A Balanced Fast Field-Echo (bFFE) MRI Study**

*Takeshi Fujita, MD, PhD*  
*Hiroko Takeda, MD*  
*Tomonori Kanda, MD, PhD*  
*Natsumi Uehara, MD, PhD*  
*Jun Yokoi, MD, PhD*  
*Akinobu Kakigi, MD, PhD*  
*Ken-ichi Nibu, MD, PhD*

**10:42 DISCUSSION WITH MODERATOR**

**10:47 INTRODUCTION of PANEL – William H. Slattery, III, MD**

**10:48 PANEL  
GENETICS FOR OTOLOGISTS**

*Ronna Hertzano, MD, PhD & Ana H. Kim, MD, Co-Moderators*

**11:28 NOVEL SENSORI-NEURAL HEARING LOSS TREATEMENTS:  
INDUSTRY PIPELINE UPDATES**

*William H. Slattery, III, MD, Moderator*  
*Details coming soon!*

**11:55 INTRODUCTION OF INCOMING PRESIDENT**

*Nancy M. Young, MD*

**11:58 CLOSING REMARKS**

*William H. Slattery, III, MD*

**12:00 ADJOURN**