SATURDAY, APRIL 10, 2021

SCIENTIFIC PROGRAM - “NEUROTOLOGY ACROSS THE LIFE SPAN”

9:00 WELCOME AND OPENING REMARKS & POSTER WINNERS ANNOUNCED
Bradley W. Kesser, MD

9:05 PRESIDENTIAL CITATIONS - Bradley W. Kesser, MD
Paul R. Lambert, MD
George T. Hashisaki, MD
Paul A. Levine, MD
Robert A. Jahrsdoerfer, MD

9:15 2ND ANNUAL NOEL L. COHEN AWARD FOR SIGNIFICANT CONTRIBUTIONS TO OTOLOGY AND NEUROTOLOGY
Bradley W. Kesser, MD

9:20 INTRODUCTION OF HOUSE LECTURE
Bradley W. Kesser, MD

9:25 WILLIAM F. HOUSE MEMORIAL LECTURE (25 min)
“Vestibular Diagnosis in a Pandemic: Return of the House Call”
David S. Zee, MD
Professor of Neurology
Joint Appointments in Ophthalmology, Otolaryngology, Head & Neck Surgery, and Neuroscience
The Wilmer Eye Institute
The Johns Hopkins School of Medicine, Baltimore, MD

9:55 DISCUSSION (5 min)

10:02 PANEL - "Pediatric Potpourri: Challenging Cases to Stump the Stars" (1 hour)
Robert C. O’Reilly, MD, Moderator
Stephanie A. Moody Antonio, MD
Sharon Cushing, MD, MSc
Tina C. Huang, MD
John L. Dornhoffer, MD

11:05 INTRODUCTION OF COCHLEAR IMPLANTATION ABSTRACT PRESENTATIONS
Jennifer L. Maw, MD & J. Thomas Roland Jr, MD, Moderators
11:06 Exploring Factors Responsible for Delay in Pediatric Cochlear Implantation
Jacquelyn K. DeVries, BS
Yin Ren, MD, PhD
Julie Purdy, PhD, CCC-A,
Daniela Carvalho, MD, MMM,
Elina Kari, MD

11:12 Outcomes in Patients Meeting Cochlear Implant Criteria in Noise but not in Quiet
Anthony Thai, BA
Emma Tran, BS
Austin Swanson, AuD
Matthew B. Fitzgerald, PhD
Nikolas H. Blevins, MD
Jennifer C. Alyono, MD

11:18 ANS TRAINEE AWARD
Zwitterionic Coating of Cochlear Implants Reduces Friction and Force of Insertion
Douglas M. Bennion, MD, PhD
Ryan Horne
Adreann Peel
C. Allan Guymon, PhD
Marlan R. Hansen, MD

11:25 NEUROTOLOGY FELLOW AWARD
The Impact of Age on Noise Sensitivity in Cochlear Implant Recipients
Matthew A. Shew, MD
Craig A. Buchman, MD
Dorina Kallogjeri, MD
Stephanie Chen, MD
Cameron C. Wick, MD
Nedim Durakovic, MD
Jacques A. Herzog, MD
CI532 Study Group

11:31 The Influence of Cochlear Implant Electrode Type and Position on Hearing Preservation
Elizabeth L. Perkins, MD
Matthew O’Malley, MD
Marc Bennett, MD
David S. Haynes, MD
Jack H. Noble, PhD
Robert F. Labadie, MD, PhD
René Gifford, PhD

11:37 Role of Pre-Implant Patient Expectations in Adult Cochlear Implant Outcomes
Theodore R. McRackan, MD, MSCR
Mark S. Costello, MD
Priyanka Reddy, BS
Judy R. Dubno, PhD

11:43 Time-to-Peak Speech Perception Score after Cochlear Implantation in Single-sided Deafness
Ashley M. Nassiri, MD, MBA
John P. Marinelli, MD
Katherine P. Wallerius, MD
11:49 Identification of Factors Associated with Second-Side Cochlear Implant Speech Recognition Outcomes in Adults
James R. Dornhoffer, MD*
Yuan F. Liu, MD*
Elise E. Zhao, BS
Elizabeth L. Camposeo, AuD
Ted A. Meyer, MD, PhD
Theodore R. McRackan, MD, MSCR
*Authors contributed equally to this work

11:55 Characterizing Cochlear Implant Magnet-Related MRI Artifact and Visualization of Indicated Structures
Nathan D. Cass, MD
Douglas J. Totten, BA
Elizabeth L. Perkins, MD
John D. Ross, MD
Matthew R. O'Malley, MD

12:01 DISCUSSION (10 min) - Jennifer L. Maw, MD & J. Thomas Roland Jr, MD

12:11 LUNCH BREAK

1:00 INTRODUCTION OF VESTIBULAR SCHWANNOMA ABSTRACT PRESENTATIONS
Ravi N. Samy, MD & Esther X. Vivas, MD, Moderators

1:01 Natural History of Growing Vestibular Schwannomas During Observation: An International Multi-Institutional Study of 593 Growing Tumors
John P. Marinelli, MD
Matthew L. Carlson, MD
Jacob B. Hunter, MD
Ashley M. Nassiri, MD, MBA
Martin Reznitsky, MD
Sven-Eric Stangerup, MD, DMSc
Per Caye-Thomasen, MD, DMSc

1:07 Effect of AR42 on Tumor Growth and Hearing Loss In Vivo and on Primary Vestibular Schwannoma Cells
Carly Misztal, BS
Olena Bracho, BS
Michael Estivill, BS
Cristina Fernandez Valle, PhD
Fred Telischi, MD
Xue-Zhong Liu, MD, PhD
Christine T. Dinh, MD
1:13  Cost-effectiveness of Microsurgery, Radiosurgery, and Observation in the Management of Small and Medium-sized Sporadic Vestibular Schwannoma

Robert J. Macielak, MD
Viengneesee Thao, PhD, MS
Bijan J. Borah, PhD
James P. Moriarty, MS
Jamie J. Van Gompel, MD
Matthew L. Carlson, MD

1:19  NEUROTOLOGY FELLOW AWARD
Complications after Surgical Salvage for Vestibular Schwannoma following Failed Stereotactic Radiosurgery

Alexander L. Luryi, MD
Seilesh Babu, MD
John F. Kveton, MD
Dennis I. Bojrab, MD
Elias M. Michaelides, MD
Christopher A. Schutt, MD

1:25  Delayed Facial Nerve Palsy following Resection of Vestibular Schwannoma: Clinical and Surgical Characteristics

Bridget MacDonald, BA
Yin Ren, MD, PhD
Bita Shahrvin, BS
Kareem Tawfik, MD
Omid Moshtaghi, MD
Marc Schwartz, MD
Rick Friedman, MD, PhD

1:31  Subset of Intracanalicular Vestibular Schwannomas Demonstrate Minimal Growth over a 10 Year Period

Matthew J. Wu, BS
Renata M. Knoll, MD
Michael J. McKenna, MD
Elliott D. Kozin, MD*
David H. Jung, MD, PhD*

1:37  Evaluating the Impact of Frailty and Advanced Age on Morbidity following Vestibular Schwannoma Surgery

Alvin DeTorres, MD
Gentry Carter, BS
Alvin Kwok, MD, MPH
Christian Bowers, MD
Neil S. Patel, MD
Richard K. Gurgel, MD, MSCI

1:43  The Influence of Extent of Resection and Tumor Morphology on Facial Nerve Outcomes following Acoustic Neuroma Surgery

Elizabeth L. Perkins, MD
Nauman F. Manzoor, MD
Douglas J. Totten, BA
Alexander D. Sherry, MD
Matthew O’Malley, MD
1:49  DISCUSSION (10 min) - Ravi N. Samy, MD & Esther X. Vivas, MD

2:02  PANEL - “Lessons Learned: Neurotology in the Covid-19 Pandemic” (1 hour)
Sarah E. Mowry, MD, Moderator
Joshua M. Sharfstein, MD
Courtney C. J. Voelker, MD, PhD
Sonya Malekzadeh, MD
Shivesh Maharaj, MBBCH, FCORL, MMED

3:02  BREAK

3:14  INTRODUCTION OF HITSELBERGER LECTURER
Ronna Hertzano, MD, PhD

3:16  WILLIAM E. HITSELBERGER MEMORIAL LECTURE
“Atorvastatin Is Associated with Reduced Cisplatin-Induced Hearing Loss in Patients with Head and Neck Cancer”
Lisa L. Cunningham, PhD
Senior Investigator
Laboratory of Hearing Biology and Therapeutics
National Institute on Deafness and Other Communication Disorders
National Institutes of Health, Bethesda, MD

3:41  DISCUSSION (5 min)

3:47  INTRODUCTION OF 2019 ANS RESEARCH GRANT RECIPIENT

3:48  ANS 2019 RESEARCH GRANT (8 min)
Targeting Epigenetic Modifying Enzymes for Hair Cell Regeneration
Dunia E. Abdul-Aziz, MD
Massachusetts Eye and Ear

4:00  INTRODUCTION OF ABSTRACT PRESENTATIONS – TINNITUS AND DIZZINESS
Meredith E. Adams, MD & Jeffrey Sharon, MD, Moderators

4:01  Diagnostic Yield and Utility of Radiographic Imaging in the Evaluation of Pulsatile Tinnitus: A Systematic Review
Austin C. Cao, BA
Caitlin Cavarocchi, BA
Tiffany P. Hwa, MD
Steven J. Eliades, MD PhD
Michael J. Ruckenstein, MD
Douglas C. Bigelow, MD
Jason A. Brant, MD

4:07  A Phase 1/2 Study of OTO-313 Given as a Single Intratympanic Injection in Patients with Moderate to Severe, Persistent Tinnitus
Jeffery J. Anderson, PhD
Kenneth S. Maxwell, MD (Presenter)
James M. Robinson, MS
4:13 **Transtemporal Sigmoid Sinus Decompression: A Novel Surgical Procedure for the Treatment of Idiopathic Pulsatile Tinnitus**
Patrick W. Slater, MD
Bailey H. Duhon, BS
Neha Korla, MDS

4:19 **Supervised Machine Learning Models for Predicting Common Causes of Dizziness**
Eric J. Formeister, MD, MS
Jeffrey D. Sharon, MD

4:25 **Head Roll-Tilt Subjective Visual Vertical Test in the Diagnosis of Persistent Postural-Perceptual Dizziness (PPPD)**
Chihiro Yagi, MD
Yuka Morita, MD, PhD
Meiko Kitazawa, MD
Kuniyuki Takahashi, MD, PhD
Yoshiro Wada, MD, PhD
Tadashi Kitahara, MD, PhD
Arata Horii, MD, PhD

4:31 **ANS TRAINEE AWARD**
Intraoperative Electrocochleography Predicts Outcomes in Transmastoid and Middle Cranial Fossa SSCD Repair
Susan E. Ellsperman, MD
Steven A. Telian, MD
Paul R. Kileny, PhD
Christopher M. Welch, MD, PhD

4:37 **DISCUSSION (10 min) - Meredith E. Adams, MD & Jeffrey Sharon, MD**

4:47 **Break**

5:00 **INTRODUCTION OF ABSTRACT PRESENTATIONS – POTPOURRI**
Brian D. Nicholas, MD & Emily Z. Stucken, MD, Moderators

5:01 **Comparison of Outcomes of Surgical Repair of Spontaneous Temporal Bone CSF Leaks and Encephaloceles Using Bone Cement and Autologous Material**
Vir Patel, MD
Tiffany Peng Hwa, MD
Steven J. Eliades, MD, PhD
Jason A. Brant, MD
Douglas C. Bigelow, MD
Michael J. Ruckenstein, MD

5:07 **Perineural Invasion of the Intratemporal Facial Nerve: How Far Proximally Do We Chase the Positive Margin?**
Joshua Cody Page, MD
Marc-Elie Nader, MD, FRCSC
5:13 The Laterality of Early Age-Related Hearing Loss and Brain Beta-Amyloid
Alexandria L. Irace, BA
Brady Q. Rippon, MS
Adam M. Brickman, PhD
José A. Luchsinger, MD, MPH
Justin S. Golub, MD, MS

5:19 NICHOLAS TOROK VESTIBULAR AWARD
Higher Readmission Rates after Hip Fracture among Patients with Vestibular Disorders
Steven D. Curry, MD, MPH
Alessandro Carotenuto, MD
Devin A. DeLuna, BS
Dennis J. Maar II, BA
Ye Huang, BA
Justin C. Siebler, MD
Jonathan L. Hatch, MD

5:25 Diameter-Based Volumetric Models May Inaccurately Calculate Jugular Paraganglioma Volume following Sub-Total Resection
Douglas J. Totten, BA
Nauman F. Manzoor MD
Elizabeth L. Perkins MD
Nathan D. Cass MD,
Mohamed H. Khattab MD
David S. Haynes MD MMHC
Joseph M. Aulino MD

5:31 Opioid and Non-Opioid Usage in the Post-operative Period following Otologic Surgery
Neal Rajan Godse, MD
Rahilla A. Tarfa, PhD
Philip Perez, MD
Barry E. Hirsch, MD
Andrew A. McCall, MD

5:37 Opioid Prescribing Patterns after Skull Base Surgery for Vestibular Schwannoma
Yin Ren, MD, PhD
Pasha Mehranpour, BS
Omid Moshtaghi, MD
Marc S. Schwartz, MD
Rick A. Friedman, MD, PhD

5:43 DISCUSSION (10 min) - Brian D. Nicholas, MD & Emily Z. Stucken, MD

5:55 PANEL - “Hearing Loss and Dementia: Separating Fact from Fiction” (45 min)
Justin S. Golub, MD, Moderator
Katharine K. Brewster, MD
Carrie L. Nieman, MD, MPH
Jennifer A. Deal, PhD
M. Kathleen Pichora-Fuller, PhD
6:40  INTRODUCTION OF INCOMING ANS PRESIDENT - Craig A. Buchman, MD
      Bradley W. Kesser, MD

6:42  CLOSING REMARKS
      Bradley W. Kesser, MD

6:45  ADJOURN