SATURDAY, APRIL 25, 2020

1:00   BUSINESS MEETING (New member introduction)  
       (Members Only)

1:25   SCIENTIFIC PROGRAM  
       (Open to registered Members and Non-members – Badge required for admittance)

1:25   WELCOME & OPENING REMARKS BY THE PRESIDENT  
       Nikolas H. Blevins, MD

PRESIDENTIAL CITATIONS

1:40   NOEL L. COHEN AWARD FOR SIGNIFICANT CONTRIBUTIONS TO OTOLOGY AND NEUROTOLOGY  
       Presented by Anil K. Lalwani, MD

1:50   WILLIAM E. HITSELBERGER MEMORIAL LECTURE  
       “Vestibular Diagnosis: Modern Technology vs Clinical Judgement”  
       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

2:15   INTRODUCTION - VESTIBULAR DIAGNOSIS  
       Benjamin T. Crane, MD, PhD, Moderator

2:17   High Prevalence of Comorbid Vestibular Migraine in Patients with Superior Semicircular Canal Dehiscence Syndrome  
       Miriam R. Smetak, MD, MS  
       Nauman F. Manzoor, MD  
       Kelsey Hatton, AuD, CCC-A  
       Alejandro Rivas Campo, MD  
       Marc L. Bennett, MD, MMHC  
       David S. Haynes, MD, MBA  
       Matthew R. O'Malley, MD

2:24   Circulatory Otologic Biomarkers in Meniere's Disease and Vestibular Migraine  
       James G. Naples, MD  
       Khalili Rahman, BS  
       Drew Soda, BS  
       Michael J. Ruckenstein, MD  
       Kourosh Parham, MD, PhD
Analyzing MicroRNA Profiles in the Human Perilymph and Serum in Patients with Meniere’s Disease
Matthew Shew, MD
Helena Wichova, MD
Kevin Sykes, PhD, MPH
Devin Koestler, PhD
Hinrich Staecher, MD, PhD

DISCUSSION

BREAK WITH EXHIBITORS

INTRODUCTION - VESTIBULAR SCHWANNOMA
Yu-Lan Mary Ying, MD, Moderator

ANS TRAINEE AWARD
Natural History of Growing Sporadic Vestibular Schwannomas: An Argument for Observation Despite Documented Growth in Select Cases
John P. Marinelli, MD
Katherine A. Lees, MD
Colin L.W. Driscoll, MD
Brian A. Neff, MD
Michael J. Link, MD
Jamie J. Van Gompel, MD
Matthew L. Carlson, MD

Predicting Schwannoma Growth in a Mouse Flank Tumor Model using Targeted Imaging
Daniel R. Morrison, MD
Anna G. Sorace, PhD
Ellis Hamilton, MS
Hailey A. Houson, PhD
Jason M. Warram, PhD
Erika M. Walsh, MD

A Protective Cap: Fundal Fluid Cap Predicts Inner Ear Radiation Dose and Hearing Outcomes in Radiosurgical Treatment of Vestibular Schwannoma
Dennis I. Bojrab II, MD
Christian G. Fritz BS
Kenny F. Lin, MD
Christopher A. Schutt, MD
Robert S. Hong, MD, PhD
Seilesh C. Babu, MD
Dennis I. Bojrab, MD

Consensus Statement on Sporadic Vestibular Schwannoma: A Multidisciplinary Delphi Study
Matthew L. Carlson, MD
Michael J. Link MD
Colin L. W. Driscoll, MD
David S. Haynes, MD;
Heather A. Billings, PhD
The Vestibular Schwannoma Delphi Panel

Psychological Factors Predict Post-Operative Quality of Life and Recovery Outcomes Following Vestibular Schwannoma Surgery
3:52  Disease-specific Quality-of-Life in Sporadic Vestibular Schwannoma: A National Prospective Longitudinal Study Comparing Observation, Microsurgery, and Radiosurgery
Matthew L. Carlson, MD
Nicole M. Tombers, RN
Christine M. Lohse, MS
Michael J. Link, MD

3:59  DISCUSSION

4:04  AMERICAN AUDITORY SOCIETY/AMERICAN NEUROTOLOGY SOCIETY PANEL
“New Frontiers in Hearing Research”
Charles Limb, MD, Moderator
Carmen Brewer, PhD
Rene H. Gifford, PhD
Sumit Dhar, PhD

5:00  CLOSING REMARKS/ADJOURNMENT

SUNDAY, APRIL 26, 2020

7:00  BUSINESS MEETING (Committee Reports)
(Members Only)

7:20  SCIENTIFIC PROGRAM
(Open to registered Members and Non-members – Badge required for admittance)

7:20  WELCOME & OPENING REMARKS BY THE PRESIDENT
Nikolas H. Blevins, MD

7:22  INTRODUCTION - TECHNIQUES AND TECHNOLOGY
Justin S. Golub, MD, MS, Moderator

7:24  Intraoperative Blink Reflex Testing to Evaluate Facial Nerve Integrity During Lateral Skull Base Surgery: A Feasibility Study
Neil S. Patel, MD
Ernest M. Hoffman, DO, PhD
Matthew L. Carlson, MD

7:31  Surgical Approach for Human Inner Ear Tissue Extraction in an Organ Donor
Ksenia A. Aaron, MD
Davood K. Hosseini, MD
Tian Wang, MD
Bernhard Hirt, MD, PhD
Hubert Löwenheim, MD
Andreas Wagner, MD
7:38  **A Steerable Trans-Eustachian Endoscope for Middle Ear Examination**  
*Michael H. Freeman, MD*  
*Joshua B. Gafford, PhD*  
*Loris Fichera, PhD*  
*Robert J. Webster III, PhD*  
*Robert F. Labadie, MD, PhD*  

7:45  **Fluorescent Detection of Vestibular Schwannoma Using Intravenous Sodium Fluorescein In Vivo**  
*Mikhaylo Szczupak, MD*  
*Stefanie Pena, BS*  
*Cristina Fernandez-Valle, PhD*  
*Xue-Zhong Liu, MD, PhD*  
*Fred F. Telischi, MD*  
*Michael Ivan, MD*  
*Christine T. Dinh, MD*  

7:52  **NEUROTOLOGY FELLOW AWARD**  
**Predicting Post-Operative Cochlear Implant Performance Using Supervised Machine Learning**  
*Matthew G. Crowson, MD, MPA*  
*Peter Dixon, MD*  
*Jong Wook Lee, MD*  
*David Shipp, MA CALSPO*  
*Vincent Lin, MD*  
*Joseph Chen, MD*  
*Timothy C.Y. Chan, PhD*  

7:59  **DISCUSSION/INTRODUCTION**  

8:02  **PANEL**  
"New Technologies in Neurotologic Surgery"  
*Erika A. Woodson, MD, Moderator*  

8:47  **INTRODUCTION - COCHLEAR IMPLANTATION**  
*Jennifer C. Alyono, MD, Moderator*  

8:49  **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*  
*Ted A. Meyer MD PhD*  
*Theodore R. McRackan, MD, MSCR*  
*Authors contributed equally to this work*  

8:56  **Cochlear Implantation for Treatment of Tinnitus in Single-sided Deafness: A Systematic Review and Meta-analysis**  
*Dylan A. Levy, BS*  
*Joshua A. Lee, BA*  
*Shaun A. Nguyen, MD*  
*Theodore R. McRackan, MD, MSCR*  
*Ted A. Meyer, MD PhD*  
*Paul R. Lambert, MD*
9:03  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

9:10  DISCUSSION

9:12  WILLIAM F. HOUSE MEMORIAL LECTURE  
“Cochlear Implantation for acquired Single-Sided Deafness: 15 years follow-up”  
Paul Van de Heyning, MD, PhD  
Emeritus Professor & consultant, Department for Otorhinolaryngology and Head and Neck Surgery  
Antwerp University Hospital  
Faculty of Medicine and Health Sciences  
University of Antwerp, Belgium

9:37  INVITED PRESENTATION  
CI for SSD in the US: Aligning Regulatory and Financial Decisions with the Evidence  
Sujana S. Chandrasekhar, MD

9:47  COFFEE BREAK

10:07  INTRODUCTION - VESTIBULAR DISORDERS  
Daniel H. Coelho, MD, Moderator

10:09  NICHOLAS TOROK VESTIBULAR AWARD  
Deficits in Sensory Organization are a Primary Contributor to Imbalance and Postural Instability in The Aging Population  
Tiffany P. Hwa, MD  
Zachary M. Nimmo, BS  
James G. Naples, MD  
Jason A. Brant, MD  
Steven J. Eliades, MD, PhD  
Douglas C. Bigelow, MD  
Michael J. Ruckenstein, MD

10:16  NEUROTOLOGY FELLOW AWARD  
Hearing Outcomes After Surgical Manipulation of the Membranous Labyrinth during Superior Semicircular Canal Dehiscence Repair or Posterior Semicircular Canal Occlusion  
Kenny F. Lin, MD  
Dennis I. Bojrab II, MD  
Christian Fritz, BS  
Anthony Vandieren  
Seilesh C. Babu, MD

10:23  Pre-existing Vestibular Symptoms Are Associated Acute Vestibular Symptoms After Gamma Knife Therapy for Vestibular Schwannoma  
Dennis I. Bojrab II, MD  
Christian G. Fritz, BS  
Kenny F. Lin, MD  
Christopher A. Schutt, MD;  
Robert S. Hong, MD, PhD  
Seilesh C. Babu, MD
10:30 Single versus Multiple Cycles of Canalith Repositioning Procedure for Benign Paroxysmal Positional Vertigo: Randomized Controlled Trial
Sawicha Isaradisaikul Kaewsiri, MD
Sanathorn Chowsilpa, MD
Charuk Hanprasertpong, MD
Tayaporn Rithirangsiroj, MD

10:37 DISCUSSION

10:40 INTRODUCTION - SENSORINEURAL HEARING LOSS AND IMAGING
Sarah Mowry, MD, Moderator

10:42 ANS RESEARCH GRANT
“Rescuing Inner Ear Deficits in a Non-Syndromic Hearing Loss Model”
Ksenia A. Aaron, MD
Stanford University
ANS Research Grant recipient 2018

10:52 ANS TRAINEE AWARD
Repurposing an Approved Drug to Prevent Deafness in Usher Syndrome 3A
Armine Kocharyan, MD
Laurie Harrison, BS
Kumar N. Alagramam, Ph.D

10:59 White Matter Hyperintensities in Patients with Sudden Sensorineural Hearing Loss
Mehdi Abouzari, MD, PhD
Arash Abiri, BS
Donald Tan, BS
Beenish Patel, MS
Tuan Ngo, MD
Harrison W. Lin, MD
Hamid R. Djalilian, MD

11:06 Magnetic Resonance Imaging Fluid Signal Intensity in the Diagnosis of Temporal Bone Cerebrospinal Fluid Leaks
Arun Raghavan, BS
Joseph T. Breen, MD

11:13 DISCUSSION

11:17 PANEL
“Challenges and Complications in Pediatric Otology”
Tina C. Huang, MD, Moderator

12:03 INTRODUCTION OF INCOMING PRESIDENT
Bradley W. Kesser, MD

12:05 CLOSING REMARKS/ADJOURNMENT