SATURDAY, APRIL 21, 2018

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

1:20  SCIENTIFIC PROGRAM
      (Open to registered Members and Non-members – Badge required for admittance)
      Welcome & Opening Remarks by the President
      Moises A. Arriaga, MD

1:23  PRESIDENTIAL CITATIONS
      Derald E. Brackmann, MD
      Donald B. Kamerer, MD
      Antonio De la Cruz, MD
      Fred D. Owens, MD

1:33  WILLIAM F. HOUSE MEMORIAL LECTURE
      How We Can (and should!) Use Imaging to Improve Cochlear Implantation
      Robert F. Labadie, MD, PhD, MMHC

2:03  INTRODUCTION - Skull Base Surgery and NF-2
      Yu-Lan Mary Ying, MD, Moderator

2:05  Incidence and Risk Factors for Sigmoid Venous Thrombosis Following CPA Tumor Resection
      Hannah L. Kavookjian, MD
      Matthew A. Shew, MD
      Thomas J. Muellemann, MD
      Kelly Dahlstrom, DO
      James Lin, MD
      Luke N. Ledbetter, MD
      Hinrich Staecker, MD, PhD

2:12  Audiometric and Radiologic Correlates to Auditory Brainstem Response in Treatment-Naïve Small Volume Cochleovestibular Schwannomas in Neurofibromatosis Type 2
      Alvin T. deTorres, MD
      Carmen C. Brewer, PhD
      Chris K. Zalewski, PhD
      Kelly A. King, PhD
      Robert Walker, BS
      Prashant Chittiboina, MD, MPH
      H. Jeffrey Kim, MD

2:19  Lateral Skull Base Density and Its Relation to Patients with Obesity and CSF Leaks
      Jonathan L. Hatch, MD
2:26  Contribution of Genomic Large Structural Variations to NF2 Tumorigenesis
Daniel S. Roberts, MD, PhD
Yuka Takemon
Jeremie Vitte, PhD
William H. Slattery, MD
Marc S. Schwartz, MD
Marco Giovannini, MD, PhD
Chia-Lin Wei, PhD

2:33  DISCUSSION

2:35  ANS INCLUSION & DIVERSITY INITIATIVE
Elizabeth Toh, MD, MBA

2:45  BREAK WITH EXHIBITORS

3:15  INTRODUCTION - Cochlear Implantation
R. Mark Wiet, MD, Moderator

3:17  Evaluation of Outcome Variability Associated with Lateral Wall, Mid-Scalar, and Perimodiolar Electrode Arrays When Controlling for Pre-Operative Patient Characteristics
Joshua E. Fabie, BS
Robert G. Keller, MD
Jonathan L. Hatch, MD
Ted A. Meyer, MD, PhD
Shaun A. Nguyen, MD
Paul R. Lambert, MD
Theodore R. McRackan, MD, MSCR

3:24  Intra-Cochlear Electrocochleography during CI Electrode Insertion is Predictive of Final Scalar Location
Kanthaiah Koka, PhD
Jourdan Holder, AuD
Robert Dwyer, AuD
Jack Noble, PhD
Oliver F. Adunka, MD
Craig A. Buchman, MD
Robert F. Labadie, MD, PhD

3:31  TRAINEE AWARD
Intraoperative Evoked Compound Action Potential (ECAP) Levels in Hearing Preservation Cochlear Implantation
Ashley M. Nassiri, MD, MBA
Robert J. Yawn, MD
Jillian B. Roberts, BHS
Max S. Gilbane, BA
Jack Murfee, BA
Rene H. Gifford, PhD
Marc L. Bennett, MD, MMHC

3:38 Creation of a Formula to Convert between Consonant-Nucleus-Consonant (CNCw) and AzBio Test Scores Using Imputation in a National Cochlear Implant Database
Rahul K. Sharma, BS
Jedidiah J. Grisel, MD
Justin S. Golub, MD, MS

3:45 Hearing Preservation Surgery in Cochlear Implantation: Factors Associated with Improved Outcomes in a Single Center
Alexander Malone, MD
Kevin Wang, MD
Nicholas Pritchard, MD
Loren Bartels, MD
Kyle Allen, MD, MPH
Michelle Blanchard, AuD
Christopher Danner, MD

3:52 DISCUSSION

3:56 INTRODUCTION of INVITED PRESENTATION
Moises A. Arriaga, MD

3:58 Genetic Therapy for Hearing Loss
Lawrence R. Lustig, MD

4:08 FRED D. OWENS MEMORIAL PANEL
Vertigo Treatment: Meniere’s, Migraine, and Both
Derald E. Brackmann, MD – Moderator
Carol A. Bauer, MD
Sujana S. Chandrasekhar, MD
M. Jennifer Derebery, MD

5:00 ADJOURNMENT

SUNDAY, APRIL 22, 2018

7:00 BUSINESS MEETING - Treasurer/O&N/Committee Reports
(Members Only)

7:20 SCIENTIFIC PROGRAM
(Open to registered Members and Non-members – Badge required for admittance)
Welcome & Opening Remarks by the President
Moises A. Arriaga, MD

7:22 INTRODUCTION - Vestibular Advances and Education
Matthew L. Bush, MD, PhD, Moderator
Unique Clinical Language Patterns among Expert Vestibular Providers Can Predict Vestibular Diagnoses
Jake Luo, PhD
Christy Erbe, MA
David R. Friedland, MD, PhD (presenter)

Vestibular Testing: Patient Perceptions, Morbidity, and Opportunity Costs
Elizabeth A. Kelly, MD
Carly M. Kempton, AuD
Catherine D. Stocker, AuD
Darcia M. Dierking, AuD
Hannah E. Fehlberg, AuD
Meredith E. Adams, MD

Mouse Magnetic-field Nystagmus in Strong Static Magnetic Fields is Dependent on the Presence of Nox3
Bryan K. Ward, MD
Yoon Lee
Dale C. Roberts, MA
Ethan Naylor, MA
Americo A. Migliaccio, PhD
Charles C. Della Santina, MD, PhD

Comparison of Failure Rates for Intratympanic Dexamethasone and Gentamicin in Meniere’s Disease
James G. Naples, MD
Jason A. Brant, MD
Steven J. Eliades, MD, PhD
Michael J. Ruckenstein, MD

Lateral Semi-Circular Canal Pressures during Cochlear Implant Electrode Insertion: A Possible Mechanism for Postoperative Vestibular Loss
Renee M. Banakis Hartl, MD, AuD
Nathaniel T. Greene, PhD
Herman A. Jenkins, MD
Stephen P. Cass, MD, MPH
Daniel J. Tollin, PhD

DISCUSSION

The Role of Hyperbaric Oxygen Therapy for Idiopathic Sudden Sensorineural Hearing Loss

8:47 INTRODUCTION - Sudden hearing loss, Noise, and Eustachian Tube
Benjamin T. Crane, MD, PhD, Moderator

8:48 The Role of Hyperbaric Oxygen Therapy for Idiopathic Sudden Sensorineural Hearing Loss
8:55 Noise-Induced Trauma Produces a Temporal Pattern of Change in Serum Levels of the Outer Hair Cell Biomarker Prestin
Kourosh Parham, MD, PhD
Maheep Sohal, MD
Mathieu Petremann, MS
Christophe Tran Van Ba, MS
Charlotte Romanet, MS
Audrey Broussy, MS
Jonas Dyhrfjeld-Johnsen, PhD

9:02 NEUROTOLOGY FELLOW AWARD
Is Eustachian Tuboplasty Anatomically Safe in Children? A Histopathologic Comparison between Pediatric and Adult Temporal Bones
Kathryn Y. Noonan, MD
Fred H. Linthicum, MD
Mia E. Miller, MD

9:09 DISCUSSION

9:12 WILLIAM E. HITSELBERGER MEMORIAL LECTURE
The Future of Otology/Neurotology
Robert K. Jackler, MD

9:42 BREAK (no exhibitors)

10:02 INTRODUCTION - Acoustic Neuroma (Vestibular Schwannoma)
Miriam I. Redleaf, MD, Moderator

10:04 Factors Associated with Maintaining Serviceable Hearing in Conservatively Managed Vestibular Schwannoma Patients
Jacob B. Hunter, MD
Brendan P. O'Connell, MD
Marc L. Bennett, MD
Alejandro Rivas, MD
George B. Wanna, MD
Reid C. Thompson, MD
David S. Haynes, MD

10:11 Quality of Life in Sporadic Vestibular Schwannoma: A Cross-sectional Survey of 1,288 Patients Using a Disease-Specific Inventory
Matthew L. Carlson, MD
Nicole M. Tombers, RN
Panagiotis Kerezoudis, PhD
Maria Peris Celda, MD, PhD
Christine M. Lohse, MS
Michael J. Link, MD
10:18 Does a “Fundal Fluid” Cap Predict Successful Hearing Preservation in Vestibular Schwannoma Resections via the Middle Cranial Fossa Approach?
Daniel Q. Sun MD
Raymond W. Kung MD
Marlan R. Hansen MD
Bruce J. Gantz, MD

10:25 Shared Decision Making and Decisional Conflict in the Management of Vestibular Schwannoma
M. Elise Graham, MD
Brian D. Westerberg, MD, MHSc
Jane Lea, MD
Paul Hong, MD, MSc
Simon Walling, MBCHB
Andrea L.O. Hebb, MSc, PhD, RN
Manohar Bance, MB, MSc

10:32 Factors That Affect Length of Hospital Stay after Vestibular Schwannoma Surgery
Nopawan Vorasubin, MD
Thomas H. Alexander, MD, MHSc
Bill Mastrodimos, MD
Roberto A. Cueva, MD

10:39 DISCUSSION

10:42 INTRODUCTION - Experimental Advances and Neurotology Education
Michael Hoa, MD, Moderator

10:44 Individualized Learning Plan (ILP) is an Effective Tool in Assessing Achievement of Otology-related Subcompetency Milestones
Maja Svrakic, MD

10:51 The Clinical Stage Otoprotectant SENS-401 Effectively Reduces Hearing Loss in Rats When Administered up to 96 hours after Severe Acoustic Trauma
Mathieu Petremann, MS
Charlotte Romanet, MS
Christophe Tran Van Ba, MS
Audrey Broussy, MS
Jonas Dyhrfjeld-Johnsen, PhD

10:58 Anatomical Progression of Otosclerosis Analyzed by High Resolution CT on Surgically Confirmed Patients
Chihiro Yagi, MD
Yuka Morita, MD, PhD
Kuniyuki Takahashi, MD, PhD
Manabu Ogi, MD
Shinsuke Oshima, MD, PhD
Yutaka Yamamoto, MD, PhD
Arata Horii, MD, PhD

11:05 NEUROTOLOGY FELLOW AWARD
Fluorescent Detection of Merlin-Deficient Schwann Cells and Primary Human Vestibular Schwannoma Cells Using Sodium Fluorescein
DISCUSSION

11:15 ANTONIO DE LA CRUZ MEMORIAL PANEL
Congenital Aural Atresia - State of the Art
Simon I. Angeli, MD, Moderator
Bradley W. Kesser, MD
Vicente G. Diamante, MD
Fred F. Telischi, MD
Sujana S. Chandrasekhar, MD

12:00 CLOSING REMARKS/ADJOURNMENT