

AMERICAN NEUROTOLOGY SOCIETY
55th Annual Meeting
PRELIMINARY PROGRAM
April 24-26, 2020
Hilton Atlanta - Atlanta, GA

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

Robert K. Jackler, MD

Lloyd B. Minor, MD

1:40 NOEL L. COHEN AWARD FOR SIGNIFICANT CONTRIBUTIONS TO OTOTOLOGY AND NEUROTOLOGY

Presented by Anil K. Lalwani, MD

1:50 WILLIAM E. HITSSELBERGER 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
- 2:31 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 Staecker, MD, PhD
- 2:38 DISCUSSION**
- 2:43 BREAK WITH EXHIBITORS**
- 3:15 INTRODUCTION - VESTIBULAR SCHWANNOMA**
Yu-Lan Mary Ying, MD, Moderator
- 3:17 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
- 3:24 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
- 3:31 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

3:38 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

3:45 Psychological Factors Predict Post-Operative Quality of Life and Recovery Outcomes Following Vestibular Schwannoma Surgery

*Joe Saliba, MD, MSc**

*Junie S. Carriere, PhD**

Jason Lee, MS

Kareem O. Tawfik, MD

Jeffrey P. Harris, MD, PhD

Marc S. Schwartz, MD

Rick A. Friedman, MD, PhD

**Authors contributed equally to this work*

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

Yona Vaisbuch, 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 - Presenter

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

Gustavo Pradilla Andrade, MD

Martin J. Citardi, MD

Mia E. Miller, MD

Marc L. Bennett, MD, MMHC

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/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

Dennis I Bojrab, MD

10:30 Single versus Multiple Cycles of Canalith Repositioning Procedure for Benign Paroxysmal Positional Vertigo: Randomized Controlled Trial

Suwicha Isaradisaikul Kaewsiri, MD

Sanathorn Chowsilpa, MD

Charuk Hanprasertpong, MD

Tayaporn Rithirangsrirroj, 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

Howard W. Francis, MD, MBA

Stephanie A. Moody Antonio, MD

Nancy M. Young, MD

12:03 INTRODUCTION OF INCOMING PRESIDENT

Bradley W. Kesser, MD

12:05 CLOSING REMARKS/ADJOURNMENT