

AMERICAN NEUROTOLOGY SOCIETY
52nd Annual Meeting
PRELIMINARY PROGRAM
April 28-29, 2017
MANCHESTER GRAND HYATT
San Diego, CA

FRIDAY, APRIL 28, 2017

1:00 Business Meeting (*New member induction*)
(*Members Only*)

1:30 Scientific Program
(*Open to registered Members and Non-members – Badge required for admittance*)

1:30 Welcome & Opening Remarks by the President
Lawrence R. Lustig, MD

Presidential Citations

1:45 WILLIAM F. HOUSE MEMORIAL LECTURE
“The Struggles of Medical Innovation: Honoring The Legacy of Dr. House”
Professor Gerard M. O'Donoghue, FRCS

SECTION I: COCHLEAR IMPLANTS

2:15 INTRODUCTION

2:18 Abnormal Cochleovestibular Nerves and Pediatric Hearing Outcomes: “Absent Cochlear Nerves” Can Derive Benefit from Cochlear Implantation
Elina Kari, MD
John L. Go, MD
Janice Loggins, AuD
Laurel Fisher, PhD

2:26 An In-vitro Insertion-force Study of Magnetically Guided Lateral-wall, Cochlear-implant Electrodes
Lisandro Leon, MS
Frank M. Warren, MD
Jake J. Abbott, PhD

NEUROTOLOGY FELLOW AWARD

2:34 Real-time Intracochlear Electrocochleography Obtained Directly through a Cochlear Implant
Michael S. Harris, MD
William J. Riggs, AuD
Brendan P. O'Connell, MD
Kanthaiah Koka, PhD
George B. Wanna, MD
Robert F. Labadie, MD, PhD

Oliver F. Adunka, MD

2:45 BREAK WITH EXHIBITORS

3:15 Assessing Cochlear Implant Outcomes in Older Adults Using HERMES, a National Web-Based Database

Stephanie Y. Chen, BM

Jedidiah J. Grisel, MD

Anne Lam, BS

Justin S. Golub, MD

3:23 Early Outcomes with a Slim, Modular Cochlear Implant Electrode Array

Jonathan L. McJunkin, MD

Jacques A. Herzog, MD

Andrew Drescher, MD

Richard A. Chole, MD, PhD

Craig A. Buchman, MD

3:31 Intracochlear Measurements and Histologic Findings Relevant to Cochlear Implantation in Malformed Cochleae: A Human Temporal Bone Study

Reuven Ishai, MD

Joseph B. Nadol Jr., MD

Alicia M. Quesnel, MD

3:39 Prospective Evaluation of Patients Undergoing Concurrent Translabyrinthine Excision of Vestibular Schwannoma with Concurrent Cochlear Implantation

Kevin D. Brown, MD, PhD

Margaret Dillon, AuD

Meredith Anderson, AuD

ANS TRAINEE AWARD

3:47 Selective Stimulation of Facial Muscles following Chronic Intraneural Electrode Array Implantation and Facial Nerve Injury in the Feline Model

Yarah M. Haidar, MD

Ronald Sahyouni, BA

Omid Moshtaghi, BS

Hamid R. Djalilian, MD

John C. Middlebrooks, PhD

Harrison W. Lin, MD

3:55 INTRODUCTION - ANS RESEARCH GRANT

3:57 Cochlear Irradiation: Apoptosis, Necrosis, and Hearing Loss

Christine Dinh, MD

University of Miami Miller School of Medicine

ANS research grant recipient - 2015-16

4:05 DISCUSSION

4:10 PANEL
Telemedicine in Neurotology
Jonathan E. Gordon, MBA
David Massaro, MD
John Kokesh, MD

5:00 ADJOURNMENT

SATURDAY, APRIL 29, 2017

7:00 Business Meeting (*Committee Reports*)
(*Members Only*)

7:30 Scientific Program
(*Open to registered Members and Non-members – Badge required for admittance*)

7:30 Welcome & Opening Remarks by the President
Lawrence R. Lustig, MD

SECTION II - TRANSLATIONAL SCIENCE AND GENERAL NEUROTOLOGY

7:32 INTRODUCTION

7:35 MitoQ as Novel Agent for Protecting against Amikacin Ototoxicity
Carolyn O. Dirain, PhD
Maria Raye Ann V. Ng, BS
Bailey Milne-Davies, BS
Jerin K. Joseph, BS
Patrick J. Antonelli, MD

7:43 The Small Molecule Oral Drug Candidate SENS-341 Effectively Reduces Cisplatin-induced Hearing Loss in Rats
Mathieu Petremann, MS
Christophe Tran Van Ba, MS
Désiré Challuau
Stéphanie Bressieux, BS
Jonas Dyhrfeld-Johnsen, PhD

7:51 Age-related Increase in Serum Levels of Otolin-1 in Humans
Ryan D. Tabetabai, BS
Laura Haynes, PhD
George A. Kuchel, MD, PhD
Kourosh Parham, MD, PhD

7:59 Connexin 26 Immunofluorescence in Temporal Bones with Cochlear Otosclerosis
Mia E. Miller, MD
Ivan A. Lopez, PhD
Akira Ishiyama, MD
Fred H. Linthicum, MD

8:07 Patulous Eustachian Tube Dysfunction: Patient Demographics and Comorbidities

Bryan K. Ward, MD

Yehia Ashry, MD

Dennis S. Poe, MD

8:15 DISCUSSION

8:19 INTRODUCTION - ANS/AAO/HERBERT SILVERSTEIN AWARD

8:22 Gap Junctions in the Cochlear Response to Sound and Noise in Vitro

Dylan Chan, MD, PhD

University of California, San Francisco

ANS/AAO-HNSF/Silverstein Otology & Neurotology Research Award recipient 2014-2016

SECTION III - VESTIBULAR DISORDERS

8:30 INTRODUCTION

8:33 Radiographic Signs of Intracranial Hypertension in Patients with Meniere's Disease May Predict Poor Audiovestibular Outcomes

Shawn M. Stevens, MD

Nithin Peddireddy, BS

Kareem O. Tawfik, MD

David Mihal, MD

Rebecca S. Cornelius, MD

Ravi N. Samy, MD

Myles L. Pensak, MD

8:41 Large Vestibular Aqueduct: Radiological Review of High-Resolution CT versus High-Resolution Volumetric MRI

Nicholas L. Deep, MD

Matthew L. Carlson, MD

Steven M. Weindling, MD

David M. Barrs, MD

Colin L.W. Driscoll, MD

John I. Lane, MD

Joseph M. Hoxworth, MD

NICHOLAS TOROK VESTIBULAR AWARD

8:49 Investigating Vestibular Blast Injury: Semicircular Canal Pressure Changes during High-Intensity Acoustic Stimulation

Anne K. Maxwell, MD

Renee M. Banakis Hartl, MD, AuD

Nathaniel T. Greene, PhD

Victor Benichoux, PhD

Jameson K. Mattingly, MD

Stephen P. Cass, MD, MPH

Daniel J. Tollin, PhD

8:57 Long-Term Outcomes for Surgical Treatment of Superior Canal Dehiscence Syndrome

Mohammed Alkhafaji, BS

Seth E. Pross, MD

Sanskriti Varma, BS

Jeffrey D. Sharon, MD

John P. Carey, MD

9:05 DISCUSSION

9:10 WILLIAM E. HITSELBERGER MEMORIAL LECTURE

“Beating the Drum: An Australian Story of Innovation”

Marcus Atlas, MBBS, FRACS

9:45 BREAK WITH EXHIBITORS

SECTION IV: SKULL BASE SURGERY

10:15 INTRODUCTION

10:17 Systematic Review of Hearing Outcomes after Radiotherapy for Vestibular Schwannoma

Adam R. Coughlin, MD

Tyler J. Willman, MD

Samuel P. Gubbels, MD

10:25 Impact of Surgical Volume on Vestibular Schwannoma Surgical Outcomes

Michael J. Bauschard, MD, MS

Jonathan L. Hatch, MD

Shaun A. Nguyen, MD, MA

Paul R. Lambert, MD

Ted A. Meyer, MD

Theodore R. McRackan, MD

10:33 Is Routine Chemical Prophylaxis Needed for Prevention of Deep Vein Thrombosis in Acoustic Neuroma Surgery?

Geoffrey C. Casazza, MD

Richard K. Gurgel, MD

10:41 Audiologic Natural History of Small Volume Cochleovestibular Schwannomas in Neurofibromatosis Type 2

Alvin T. deTorres, MD

Chris K. Zalewski, PhD

Kelly A. King, PhD

Carmen C. Brewer, PhD

Prashant Chittiboina, MD

H. Jeffrey Kim, MD

10:49 Unlike in Vestibular Schwannoma, Cochlear Dysfunction is not Common in Meningioma of the Cerebellopontine Angle

Lukas D. Landegger, MD

Jong D. Lee, MD, PhD

Sonaali Aggarwal, BA
Fred H. Linthicum Jr., MD
Konstantina M. Stankovic, MD, PhD

10:57 Surgical Management of Tumors Involving Meckel's Cave and Cavernous Sinus: Role of a Lateral Sphenoidectomy Approach

Daniel Q. Sun, MD
Arnold H. Menezes, MD
Matthew A. Howard III, MD
David M. Hasan MD
Bruce J. Gantz, MD
Marlan R. Hansen, MD

11:05 DISCUSSION

11:10 PANEL

Complications in Neurotology

Robert K. Jackler, Moderator
Derald E. Brackmann, MD
Erika A. Woodson, MD
Christine Dinh, MD
Jacques A. Herzog, MD

12:00 ADJOURNMENT