

AMERICAN OTOLOGICAL SOCIETY
150th Annual Meeting
PRELIMINARY PROGRAM
April 29-30, 2017
MANCHESTER GRAND HYATT
San Diego, CA

SATURDAY, APRIL 29, 2017

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

1:20 Scientific Program
(*Open to registered Members and Non-members – Badge required for admittance*)

1:20 Welcome & Opening Remarks by the President
Samuel H. Selesnick, MD

Presidential Citations

Philip H. Gutin, MD

Robert K. Jackler, MD

Simon C. Parisier, MD

Myles L. Pensak, MD

Michael G. Stewart, MD, MPH

D. Bradley Welling, MD, PhD

1:38 Presidential Address
Samuel H. Selesnick, MD

1:53 GUEST OF HONOR LECTURE
Otosclerosis Treatment – A Journey through the Last Century and a Half
John W. House, MD

2:23 Mesenchymal Stem Cell Therapy for Chronic Tympanic Membrane Perforations
Ariel B. Grobman, MD
Michael E. Langston, BS
Stefania Goncalves, MD
Esperanza Bas, PharmD, PhD
Bradley J. Goldstein, MD, PhD
Simon I. Angeli, MD

2:31 Atomic Force Microscopy for Quality Control of Intraoperative Otologic Autografts with 3D Subtractive CAD/CAM
Glenn W. Knox, MD
Daniel Woodard, MD

2:39 DISCUSSION

2:45 BREAK WITH EXHIBITORS

3:15 Immunohistochemical Identification of Human Spiral Ganglia Neurons: Implication in Aging and Cochlear Implantation

Janice E. Chang, MD, PhD

Ivan A. Lopez, PhD

Gail Ishiyama, MD

Fred H. Linthicum, MD

Akira Ishiyama, MD

3:23 Foreign Body Response to Silicone in Cochlear Implant Electrodes in The Human

Jennifer T. O'Malley

Barbara J. Burgess

Donald Galler

Joseph B. Nadol, Jr., MD

3:31 Medicaid Reimbursement for Cochlear Implantation: Is it Fair?

Daniel H. Coelho, MD

Joseph Conduff, BS

3:39 Cochlear Implant Insertion Axis into the Basal Turn: A Critical Factor for Electrode Array Translocation

Yann Nguyen, MD, PhD

Renato Torres, MD

Mylène Drouillard, MD

Daniele De Seta, MD, PhD

Evelyne Ferrary, MD, PhD

Daniele Bernardeschi, MD, PhD

Olivier Sterkers, MD, PhD

3:47 Novel Approaches in The Development of an Optogenetically-Driven Cochlear Implant

Maria J. Duarte, BS, BA

Xiankai Meng, PhD

Vivek Kanumuri, MD

Ariel E. Hight, MS

Elliott D. Kozin, MD

M. Christian Brown, PhD

Daniel J. Lee, MD

3:55 DISCUSSION

4:00 PANEL

Evolution of the American Otological Society: Reflections at our Sesquicentennial

Robert Jackler, MD, Moderator

Lawrence R. Lustig, MD

D. Bradley Welling, MD, PhD

Richard A. Chole, MD, PhD

Bruce J. Gantz, MD

5:00 ADJOURNMENT

SUNDAY, APRIL 30, 2017

7:00 Business Meeting/Committee Reports

7:30 Scientific Program

(Open to registered Members and Non-members – Badge required for admittance)

7:35 Audition's Effect on Balance in Gait for Hearing Aid Patients

Tyler S. Weaver, MD

Corey S. Shayman, BS

Bahir H. Chamseddin, BS

Martina Mancini, PhD

Timothy E. Hullar, MD

7:43 Dizziness Handicap Inventory Score Is Highly Correlated with Markers of Gait Disturbance

Damiano Zanotto, PhD

Erin M. Mamuyac, BA

Adam R. Chambers, BA

John A. Stafford, MD

Sunil K. Agrawal, PhD

Anil K. Lalwani, MD

7:51 RESIDENT RESEARCH TRAVEL AWARD

Efficacy of Intratympanic Gentamicin in Meniere's Disease with and without Migraine

Yuan F. Liu, MD

Elizabeth Renk, MD

Steven D. Rauch, MD

Helen X. Xu, MD

7:59 Histologic Grade of Otosclerosis Correlates with Computed Tomography Densitometry Measurements in Human Temporal Bone Specimens

Alicia M. Quesnel, MD

Reuven Ishai, MD

Timothy Meehan, MD

Jennifer Shin, MD

Joseph B. Nadol Jr., MD

Michael J. McKenna, MD

Amy Juliano, MD

8:07 Paget's Disease of the Temporal Bone: A Single-Institution Review of 23 Cases

Nicholas L. Deep, MD

Jake G. Besch-Stokes, BS

Colin L.W. Driscoll, MD

Matthew L. Carlson, MD

8:15 Validation of A Novel Summative Temporal Bone Dissection Scale

Michael Gousseau, MD

Bertram Unger, MD, PhD

Justyn Pisa, AuD

Brian Westerberg, MD, MHSc

Jordan Hochman, MD

8:23 DISCUSSION/INTRODUCTION

8:30 SAUMIL N. MERCHANT MEMORIAL LECTURE

The Active Ear: How Hair Cells Provide a Biological Hearing Aid

A. James Hudspeth, MD, PhD

9:00 A Comprehensive Analysis of Hearing Loss Among Children with Low Birth Weight

Akash N. Naik, BA

Forest W. Weir, BS

Christopher M. Discolo, MD, MSCR

Shaun A. Nguyen, MD

Ted A. Meyer, MD, PhD

9:08 Safety of Autologous Human Umbilical Cord Therapy for Acquired Sensorineural Hearing Loss in Children

Linda Baumgartner, MS CCC-SLP, LSLs Cert-AVT

Ernest Moore, PhD

Davis Shook, MD

Steven Messina, MD

Michael Seidman, MD

James Baumgartner, MD

9:16 Short-term and Long-term Hearing Outcomes with the Middle Cranial Fossa Approach for Resection of Vestibular Schwannoma

Sameer Ahmed, MD

H. Alexander Arts, MD

Hussam El-Kashlan, MD

Gregory J. Basura, MD, PhD

B. Gregory Thompson, MD

Steven A. Telian, MD

9:24 Occupational Noise Exposure and a Potential Risk for Noise Induced Hearing Loss Among Otolgologist and Neurologist due to Temporal Bone Drilling

Yona Vaisbuch, MD

Jennifer C. Alyono, MD

Steven D. Losorelli, BA

Stan H. Wu, CIH

Robert K. Jackler, MD

9:32 Factors Associated with Benefit of Active Middle Ear Implants and Conventional Hearing Aids

Theodore R. McRackan, MD

William Clinkscales, BS

Jayne B. Ahlstrom, MS

Shaun A. Nguyen, MD, MSCR

Judy R. Dubno, PhD

9:40 DISCUSSION

9:45 BREAK

10:07 RESIDENT RESEARCH TRAVEL AWARD

Drill-induced Cochlear Injury during Otologic Surgery: Intracochlear Pressure Evidence of Acoustic Trauma

Renee M. Banakis Hartl, MD, AuD

Jameson K. Mattingly, MD

Nathaniel T. Greene, PhD

Nyssa F. Farrell, MD

Samuel P. Gubbels, MD

Daniel J. Tollin, PhD

10:15 Transcanal Endoscopic Ear Surgery - Utility and Ease of Surgical Technique from a Resident Surgeon's Perspective

Andrew K. Johnson, MD

Cameron C. Wick, MD

Nicolas-George Katsantonis, MD

Daniel J. Lee, MD

Alejandro A. Rivas, MD

Brandon Isaacson, MD

Joe Walter Kutz Jr, MD

10:23 Effects of Time and Level Difference Inputs to Bilaterally Placed Bone-conduction Systems on Cochlear Input

Nyssa F. Farrell, MD

Renee M. Banakis Hartl, AuD, MD

Victor Benichoux, PhD

Andrew D. Brown, PhD

Stephen P. Cass, MD

Daniel J. Tollin, PhD

10:31 Cochlear Implant Electrode Localization Using an Ultra-High Resolution Scan Mode On Conventional 64-Slice and New Generation 192-Slice Multi-Detector CT Scanners

Matthew L. Carlson, MD

Shuai Leng, PhD

Felix E. Diehn, MD

Robert J. Witte, MD

Karl Krecke, MD

Kelly K. Koeller, MD

John I. Lane, MD

10:39 “Delayed Cochlear Implant Serous Labyrinthitis” A Previously Unrecognized Phenomenon with a Distinct Clinical Pattern

Deeyar Itayem, BS

Douglas Sladen, PhD

Colin L.W. Driscoll, MD

Brian A. Neff, MD

Charles W. Beatty, MD

Matthew L. Carlson, MD

10:47 Does Intraoperative Testing During Cochlear Implantation Impact Surgical Decision-making?

Joshua Cody Page, MD

Linda Murphy, BA

Sarah Kennett, AuD

Aaron Trinidad, MD

Robert Frank, MD

Matthew Cox, MD

John L. Dornhoffer, MD

10:55 DISCUSSION

11:00 PANEL

Evolving Strategies in Restoring and Preserving Middle Ear Ventilation and Function

Howard Francis, MD, Moderator

Prof. Dr. med. Karl-Bernd Hüttenbrink

Sujana S. Chandrasekhar, MD

Dennis S. Poe, MD

Alejandro Rivas, MD

John L. Dornhoffer, MD

12:00 ADJOURNMENT