SATURDAY, MAY 4, 2019

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
Carol A. Bauer, MD

PRESIDENTIAL CITATIONS

1:30 GUEST OF HONOR LECTURE
Age-related Hearing Loss: Translation from Animals Models to Human Hearing
Judy R. Dubno, PhD
Department of Otolaryngology-Head and Neck Surgery
Medical University of South Carolina

1:55 INTRODUCTION

1:56 Effect of Vitamin D Deficiency and Rickets on Hearing Loss in Children
Charme H. Mehta, BSPH
Michaela F. Close, BS
James R. Dornhoffer, MD
Yuan F. Liu, MD
Shaun A. Nguyen, MD
Teddy R. McRackan, MD, MSCR
Ted A. Meyer, MD, PhD

2:03 Factors Influencing Duration of Hearing Loss Prior to Cochlear Implantation
James R. Dornhoffer, MD
Meredith Holcomb, AuD
Ted A. Meyer, MD, PhD
Judy R. Dubno, PhD
Teddy R. McRackan, MD, MSCR

2:10 Systematic Review and Network Meta-analysis of Cognitive and/ or Behavioral Therapies (CBT) for Tinnitus
Evie C. Landry, DSS, MD, MSc
Calla N. Simeone, BA, MSc
Xochitl Citalli Romo Sandoval, BSc, MSc
Brian D. Westerberg, MD, MHSc
Jane Lea, BSc, MD
Glynnis Tidball, BA, DipAL, MSc (Aud, SLP)

2:17 Effect of Malnutrition on Hearing Loss in Children
Michaela F. Close, BS
Charme H. Mehta, BSPH
James R. Dornhoffer, MD
Yuan F. Liu, MD
Shaun A. Nguyen MD
SAUMIL N. MERCHANT MEMORIAL LECTURE
Say What? Brief Periods of Hearing Loss during Early Development Can Have Consequences Later in Life
Daniel Tollin, PhD
Department of Physiology and Biophysics
University of Colorado School of Medicine

BREAK WITH EXHIBITORS

Polymorphisms in NLRP3 Inflammasome May Increase Host Susceptibility to Acquired Cholesteatoma
Neel R. Sangal, BA
Marcus Elias, BS
Biju Joseph, PhD
Luis Ulloa, PhD
Robert Jyung, MD

Change in Eustachian Tube Function with Balloon Dilation
Cuneyt M. Alper, MD
Miriam S. Teixeira, MD, PhD
Tanya J. Rath, MD
Denise Hall-Burton, MD
J. Douglas Swarts, PhD

Balloon Dilation for Eustachian Tube Dilatory Dysfunction in Children
Joonas Toivonen, MD
Kosuke Kawai, ScD
Dennis Poe, MD, PhD

Toll-like Receptor 4 Signaling and Downstream Neutrophilic Inflammation Mediate Endotoxemia-Enhanced Blood-Labyrinth Barrier Trafficking
Zachary D. Urdang, PhD
Jessica L. Bills, BS
David Y. Cahana, BS
Leslie M. Muldoon, PhD
Edward A. Neuwelt, MD

Quinolone Ear Drops Cause Perforations in Intact Rat Tympanic Membranes
Carolyn O. Dirain, PhD
David N. Karnani, BS
Patrick J. Antonelli, MD
SUNDAY, MAY 5, 2019

7:00 BUSINESS MEETING (Committee/Treasurer 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
Carol A. Bauer, MD

7:35 Results from a Second-Generation Vestibular Implant in Human Subjects: Diagnosis May Impact Electrical Sensitivity of Vestibular Afferents
Jay T. Rubinstein, MD, PhD
James O. Phillips, PhD
Leo Ling, PhD
Kaibao Nie, PhD
Amy Nowack

7:42 Vestibular End Organ Preservation in the Implanted Cochlea
Brooke M. Su, MD, MPH
Ivan A. Lopez, PhD
Gail Ishiyama, MD
Akira Ishiyama, MD

7:49 Neuropsychological Vertigo Inventory for Quantification of Cognitive Dysfunction in Dizzy Patients: Preliminary Results
Yuan F. Liu, MD
Taylor D. Locklear, BS
Jeffrey D. Sharon, MD
Shaun A. Nguyen, MD
Habib G. Rizk, MD

7:56 A Cohort Study Comparing Importance of Clinical Factors in Determining Diagnosis and Treatment for Superior Semicircular Canal Dehiscence Syndrome
Lisa Zhang, BS, BA
Francis X. Creighton Jr, MD
John P Carey, MD

8:03 The cVEMP as a Prognostic Tool for Development of Bilateral Meniere's Disease
Kimberley S. Noij, MD
Barbara S. Herrmann, PhD
John J. Guinan Jr. PhD
Steven D. Rauch, MD

8:10 Imaging is Not Indicated in the Investigation of Isolated Objective Vestibular Weakness
Deanna Gigliotti, MSc
Brian Blakley, MD
Paige Moore, MD
Jordan Hochman, MD

8:17 DISCUSSION

8:25 AOS CLINICIAN SCIENTIST AWARD PRESENTATION
Hearing Loss and Dementia: Where Are We Now?
Richard K. Gurgel, MD
University of Utah
8:40 Impact of Underlying Diagnosis on Speech and Quality of Life Outcomes after Cochlear Implantation for Single-Sided Deafness
Tiffany Peng, MD
Joshua J. Sturm, MD, PhD
Abby Owen
Megan Kuhlmei, AuD
Ilana P. Cellum, AuD
Lawrence R. Lustig, MD
Ana H. Kim, MD

8:47 Prevalence of Xerostomia Among Cochlear Implant Recipients - A Cross-Sectional Survey
Heather M. Weinreich, MD MPH
Benjamin Ostrander, MSE
Seth E. Pross, MD
Howard W. Francis, MD, MBA

8:54 Identifying Disadvantaged Groups for Cochlear Implantation: Demographics from a Large Cochlear Implant Program
Natalie Schauwecker, BBA, BS
Anthony M. Tolisano, MD
Bethany Baumgart, AuD
Johanna Whitson, AuD
J. Walter Kutz, MD
Brandon Isaacson, MD
Jacob B. Hunter, MD

9:01 Lateral Wall Electrodes Increase the Rate of Post-Activation Non-Auditory Percepts
Adam C. Kaufman, MD, PhD
James G. Naples, MD
Douglas C. Bigelow, MD
Steven J. Eliades, MD, PhD
Hannah S. Kaufman, AuD
Michael J. Ruckenstein, MD

9:08 Cochlear Implantation with a Slim, Modiolar Array
Jonathan L. McJunkin, MD
Nedim Durakovic, MD
Jacques Herzog, MD
Cameron C. Wick, MD
Craig A. Buchman, MD

9:15 Controlled Microperforation of Human Round Window Membrane in Situ
Harry Chiang, BA
Michelle Yu, BS
Wenbin Wang, MS
Aykut Aksit, MS
Miguel Arriaga, PhD
Jeffrey W. Kysar, PhD
Anil K. Lalwani, MD

9:22 DISCUSSION

9:28 COFFEE BREAK
9:50 Regular Wave Patterns on Ambient Pressure Tympanometry in Patients with Pulsatile Tinnitus-associated Pathologies
Anthony Thai, BA
Zahra N. Sayyid, BS
Davood K. Hosseini, MD
Yifei Ma, MS
Austin Swanson, AuD
Matthew Fitzgerald, PhD
Yona Vaisbuch, MD

9:57 Assessment of Hearing-Aid Benefit through Patient-Reported Outcomes
James R. Dornhoffner, MD
Ted A. Meyer, MD, PhD
Teddy R. McRackan, MD, MSCR

10:04 Immune Response of Macrophage Population to Cochlear Implantation
Kathryn Y. Noonan, MD
Ivan Lopez, PhD
Gail Ishiyama, MD
Akira Ishiyama, MD

10:11 The Future of Cochlear Implant
Juichi Ito, MD, PhD

10:18 Evaluation of Intracochlear Trauma with Manual and Robotic-assisted Cochlear Implant Insertion
Christopher R. Kaufmann, MD
Allan M. Henslee, PhD
Marlan R. Hansen, MD

10:25 Effect of Laser Stapedotomy on Intracochlear Pressure Measurements
Emily S. Misch, MD
Renee M. Banakis Hartl, MD, AuD
Samuel P. Gubbels, MD
Nathaniel T. Greene, PhD

10:32 Utility of Perilymph microRNA Sampling for Identification of Active Gene Expression Pathways in Otosclerosis
Helena Wichova, MD
Matthew Shew, MD
Hinrich Staeker, MD, PhD

10:39 DISCUSSION

10:50 PANEL
Looking Through the rEARview Mirror: Unexpected Challenges in Endoscopic Ear Surgery
Maura K. Cosetti, MD, Moderator

11:50 DISCUSSION/COMMENTS

12:00 INTRODUCTION OF INCOMING PRESIDENT
John P. Carey, MD

12:05 CLOSING REMARKS/ADJOURNMENT