

**PRELIMINARY PROGRAM OF THE
AMERICAN OTOLOGICAL SOCIETY, Inc.**
April 21- 22, 2012
Manchester Grand Hyatt
San Diego, California

Saturday, April 21, 2012

12:00 Registration

12:30 Business Meeting (*Members Only*)

Scientific Program (*Open to Registered AOS Members and Registered Non-Members – Badge required for admittance*)

1:00 Remarks by the President

Herman A. Jenkins, MD

Presidential Citations –

1:10 Vestibular Testing, after 50 Years Still a Challenge

Guest of Honor: *Vicente Honrubia, MD*

Moderators: *Herman A. Jenkins, MD*

Paul R. Lambert, MD

1:25 Clinical Utility of Vestibular Evoked Myogenic Potentials in the Evaluation of Patients with Air-Bone Gaps

Guangwei Zhou, MD, ScD

Dennis Poe, MD

Quinton Gopen, MD

1:34 Association between Hearing Loss and Saccular Dysfunction in Older Individuals

M. Geraldine Zuniga, MD

Roni E. Dinkes, AuD

John P. Carey, MD

Michael C. Schubert, PT, PhD

Jeremy Walston, MD

Yuri Agrawal, MD

1:43 Long-term Hearing Outcomes Following Surgical Plugging of the Superior Semicircular Canal by Middle Fossa Approach

Bryan K. Ward, MD

Yuri Agrawal, MD

Charles C. Della Santina, MD, PhD

Charles J. Limb, MD

Lloyd B. Minor, MD

John P. Carey, MD

1:52 Otolithic Membrane Damage in Patients with Endolymphatic Hydrops and Drop Attacks

Audrey P. Calzada, MD
Ivan A. Lopez, PhD
David Elashoff, PhD
Gail Ishiyama, MD
Akira Ishiyama, MD

2:01 Characteristics of Patients with Unilateral and Bilateral Meniere's Disease: Implications as to Etiology

Clarice S. Clemmens, MD
Michael J. Ruckenstein, MD, MS

2:10 DISCUSSION

2:15 Basic Science Lecture: Neuroscience of Tinnitus - Implications for Treatment

Carol A. Bauer, MD

2:40 DISCUSSION

2:45 INTERMISSION (*Break with Exhibitors*)

3:15 Biofilm Formation by Otopathogenic Strains of *Ps. aeruginosa* is Not Consistently Inhibited by EDTA

Richard A. Chole, MD, PhD
Joseph Zenga, MD
Patricia M. Gagnon, MS
Joseph Vogel, PhD

3:24 Steroids in Aminoglycoside-Containing Ear Drops: Do they Reduce Cochlear Toxicity?

Saad A. Alsaleh, MD
Brian W. Blakley, MD, PhD
Zameel A. Dewji, MD
Kaiser A. Qureshy, MD
Sylvie T. Berard, AuD
Ling Xie, RA

3:33 Anti-Ige Therapy for Eosinophilic Otitis Media

Yukiko Iino, MD, PhD
Hiromi Kanazawa, MD
Akihiro Shinnabe, MD
Naohiro Yoshida, MD, PhD

3:42 Mannitol Protects Auditory Hair Cells against Tumour Necrosis Factor Alpha (TNF α)-Induced Loss

Guyan A. Channer, MD
Esperanza Bas, PhD
Fred F. Telischi, MEE, MD,
Chhavi Gupta, PhD
John T. Dihn, BS
Ly Vu, BS

3:51 Pre and Post-concert Assessment of Hearing Loss in Teenagers

Jennifer Derebery, MD

Andrew Vermiglio, PhD

Maria Vargas, AuD

Marilee Potthoff

4:00 DISCUSSION

4:05 Molecular Pathway Analysis of Genetic Hearing Loss

Georgios Stamatou, MD

Konstantina M. Stankovic, MD, PhD

4:14 Intratemporal Facial Nerve Variability: Implications for Otologic Surgery

Theodore R. McRackan, MD

Fitsum A. Reda, MS

Jack H. Noble, PhD

Alejandro Rivas, MD

Benoit M. Davant, PhD

Robert F. Labadie, MD, PhD

4:23 Rehabilitation of Central Facial Paralysis with Hypoglossal-Facial Anastomosis

C. Eduardo Corrales, MD

Richard K. Gurgel, MD

Robert K. Jackler, MD

4:32 Zinc and Ginkgo Biloba as Placebo Interventions Reduce Tinnitus in Selected Patients

Charles A. Mangham Jr. MD, MS

A. Davis Mangham

4:41 Large Jugular Bulb Abnormalities Involving the Middle Ear

Maggie A. Kuhn, MD

David R. Friedmann, MD

Leon S. Winata, BS

John Kveton, MD

Saumil N. Merchant, MD

Anil K. Lalwani, MD

4:50 DISCUSSION

5:00 Adjourn

5:10 Group Photograph (AOS Members)

6:30 AOS President's Reception and Banquet (Members and Invited Guests Only)

Sunday, April 22, 2012

7:00 Business Meeting (Members Only)

Scientific Program (*Open to Registered AOS Members and Registered Non-Members – Badge required for admittance*)

Moderators: *Herman A. Jenkins, MD*

Paul R. Lambert, MD

- 7:30 Method and Reproducibility of a Standardized Technique for Ossiculoplasty**
Michael B. Gluth, MD
John L. Dornhoffer, MD
- 7:39 Intraoperative Monitoring of Ossiculoplasty Efficacy by RW-ECochG**
Krzysztof Morawski
Kazimierz Niemczyk
Erdem Yavuz
Rafael E. Delgado
Aleksandra Hryciuk
Fred F. Telischi, MD
- 7:48 Long-term Results of Titanium Prostheses in Ossiculoplasty**
Lauren A. Kilpatrick, MD
Fu-Shing Lee, PhD
Paul R. Lambert, MD
- 7:57 Patterns of Failure in Canal Wall Down Tympanomastoid Cavity Instability**
Michael B. Gluth, MD
John L. Dornhoffer, MD
Aaron M. Metraile, MD
- 8:06 Does Preoperative Hearing Predict Postoperative Hearing in Patients Undergoing Primary Aural Atresia Repair?**
Brian D. Nicholas, MD
Kaelyn Krook, BS
Lincoln Gray, PhD
Bradley W. Kesser, MD
- 8:15 Petrous Apex Cholesterol Granuloma Histopathology: An analysis of the histopathology of surgical management and histopathologic evidence for the exposed marrow theory.**
Michael Hoa, MD
John W. House, MD
Fred H. Linthicum, Jr., MD
- 8:24 DISCUSSION**
- 8:29 High Fidelity, Inexpensive Surgical Middle Ear Simulator**
Ashkan Monfared, MD
Gerald Mitteramskogler, MS
Simon Gruber, Ms
Kenneth Salisbury, PhD
Juergen Stampfl, PhD
Nikolas H. Blevins, MD
- 8:38 Direct Drive Micro Hearing Aid: Investigation of a Novel Completely-in-the-Canal Hearing Aid**
Hossein Mahboubi, MD MPH
Peyton Paulick, MS
Saman Kiumehr, MD

Mark Merlo, PhD
Mark Bachman, PhD
Hamid R. Djalilian, MD

8:47 Radiographic Findings, Surgical Techniques, and Outcomes of Cochlear Implantation in Patients with X-Linked Deafness

Maura K. Cosetti, MD
David R. Friedmann, MD
Selena E. Heman-Ackah, MD, MBA
David Drimmer, BS
Susan B. Waltzman, PhD
J. Thomas Roland, Jr, MD

8:56 The Round Window: Is It the ‘Cochleostomy’ of Choice? Experience in 120 Consecutive Cochlear Implant Patients

David A. Gudis, MD
Douglas C. Bigelow, MD
Michael J. Ruckenstein, MD

9:05 Minimal Access Cochlear Implant Fixation: Tight Pocket with a Plate

Clough Shelton, MD
Frank M. Warren, MD

9:14 Management of Electrode Exposure after Cochlear Implantation

Evan Walgama, MD
J. Walter Kutz, MD
Peter S. Roland, MD
Brandon Isaacson, MD

9:23 DISCUSSION

9:28 INTERMISSION

9:58 Effects of Intracochlear Trauma on Long-Term Hearing Outcomes in Normal Hearing Gerbils

John M. Pike, BS
Oliver F. Adunka, MD
Baishakhi Choudhury, MD
Omar Awan, BS
Kristine Faulk, BS
Douglas C. Fitzpatrick, PhD

10:07 Minimization of Cochlear Implant Artifact in Cortical Auditory Evoked Potentials in Children

David Bakhos, MD
S. Roux
E. Lescanne, MD, PhD
F. Bonnet-Brilhaut, MD, PhD
N. Bruneau, PhD

10:16 Programming Strategy and Outcomes in Cochlear Implant Patients with Auditory Neuropathy Spectrum Disorder

Stanley Pelosi, MD
Alejandro Rivas, MD
Robert F. Labadie, MD, PhD
Marc L. Bennett, MD
David S. Haynes, MD
George B. Wanna, MD

10:25 Speech Perception Performance of Double Array Nucleus Multichannel Cochlear Implant Users With Standard and Duplicated Maps in Each of the Arrays

Ricardo F. Bento, MD, PhD
Maria Valeria S.G. Gomez, PhD
Rubens V.B. Neto, MD, PhD
Robinson Koji Tsuji, MD, PhD
Anna Carolina O. Fonseca, MD
Liliane S. Ikari, MD

10:34 Automatic, Image-based Cochlear Implant Electrode-to-Spiral Ganglion Position Analysis: Implications for Programming

Jack H. Noble, PhD
Benoit M. Dawant, PhD
Rene H. Gifford, PhD,
Robert F. Labadie, MD, PhD

10:43 Implantation of the Vestibular System: Monkey and Man

Justin S. Golub, MD
Leo Ling, PhD
Steven M. Bierer, PhD
Kaibao Nie, PhD
James O. Phillips, PhD
Jay T. Rubinstein, MD, PhD

10:52 DISCUSSION

11:00 Panel Discussion - Challenges and New Frontiers in Cochlear Implantation

Moderator: *J. Thomas Roland, Jr., MD*

Panel Presentations:

Cochlear Implantation in the Prelingually Deafened Adolescent/Young Adult Issues and Outcomes

Dr. Susan Waltzman

Research Opportunities and Single Sided Deafness Cochlear Implantation

Dr. Mario Svirsky

Auditory Neuropathy/Dys-synchrony and Cochlear Implantation

Dr. Linda Hood

Hearing Loss, Aging and Dementia and Cochlear Implantation

Dr. Larry Hume

Cochlear Implantation and the Severely Challenged Child

Nancy Young, MD

11:55 DISCUSSION

12:00 Introduction of Incoming AOS President

Paul R. Lambert, MD

12:02 Adjourn