

THE PROSPER MÉNIÈRE SOCIETY

Winter 2018

Presented by
**The Prosper
Ménière Society**



18th

International Symposium
and Workshops on
**INNER EAR MEDICINE
AND SURGERY**

March 17-24, 2018



Hotel Theresa in Zell im Zillertal, Austria

GROUND TRANSPORTATION

We recommend flying into the Munich airport. Ground transportation is available from the Munich airport to Hotel Theresa via Four Seasons Travel at www.airport-transfer.com. When booking your shuttle, make sure to use "Zell am Ziller" as the final destination!

LETTER FROM THE DIRECTOR



It is with much pleasure that I am anticipating the 18th International Symposium and Workshops on Inner Ear Medicine and Surgery, being held March 17-24, 2018, at the Hotel Theresa in Zell im Zillertal, Austria. Over a year of planning has certainly paid off, and I believe this will be one of our best meetings to

date! The final program, included in this newsletter, illustrates the broad spectrum of topics that will be presented related to Meniere's Disease and inner ear disorders, including cochlear implantation, innovative surgical techniques, and cutting-edge therapies. Dr. Joel Goebel of the Department of Otolaryngology—Head and Neck Surgery at Washington University School of Medicine (St. Louis, Missouri, USA), will be receiving the Gold Medal Honor Award, and his keynote address is entitled "Meniere's Disease, Vestibular Migraine, and PPPD: What is the Connection?" All total, we have 34 speakers and, at last last count, registrants from 18 different countries, making this a truly international symposium!

I am sure you can understand my enthusiasm—I look forward to seeing all of you at the meeting!

Sincerely,

A handwritten signature in black ink that reads "John Dornhoffer MD, FACS".

John Dornhoffer, MD, FACS
Executive Director, Prosper Ménière Society
Professor and Chair, Department of Otolaryngology—
Head and Neck Surgery
University of Arkansas for Medical Sciences

SATURDAY MARCH 17

4:30 PM-6:30 PM REGISTRATION

SUNDAY MARCH 18

MORNING SESSION

7:30 am-9:30 am

RETROSPECTIVE PERSPECTIVES

- **Introduction and Welcome**
John Dornhoffer, MD
- **Managing the Dizzy Patient: Lessons Learned Over Thirty Years**
Joel Goebel, MD
- **The Early Management of Inner Ear Disorders—17th Century Observations And Treatments**
Stephen Toynton, MD
- **Cochlear Implant Revisions—What Have We Learned?**
Joachim Müller, MD

EVENING SESSION

4:30 pm-6:30 pm

OTOLITH FUNCTION TESTING

- **The Skull Vibration-induced Nystagmus Test—What's New About It**
Pedro Araújo, MD
- **Comparison of Static and Dynamic Tests of Otolith Function**
Justine Bradley, MD
- **Re-evaluation of the Servo-Null Animal Model for Measuring Cochlear Chamber Pressures**
Eric LePage, PhD
- **A Downloadable 3D BPPV Model for the Study of Otolith Disease**
Michael Teixido, MD

MONDAY MARCH 19

MORNING SESSION

7:30 am-9:30 am

SURGICAL PERSPECTIVES

- **Cochlear Implantation After Surgical Removal of Intralabyrinthine Schwannomas: Techniques and Audiological Outcome**
Stefan Plontke, MD
- **Labyrinthine Fistulae: When to Propose a Surgical Exploration?**
Monique Decat, MD
- **Preoperative Determination of Nerve of Origin in Patients With Vestibular Schwannoma**
Stefan Plontke, MD
- **Coupling of Active Middle Ear Implants (AMEI) to the Short Incus Process in Patients With Meatal Stenosis**
Stefan Dazert, MD

EVENING SESSION

4:30 pm-6:30 pm

IMPLICATIONS OF COCHLEAR IMPLANTATION

- **Remarks to Vertigo and the Risk of Falls After Cochlear Implantation**
Julia Louza, MD
- **CI and MRI Compatibility—Survey of Information Given to Patients and Implications**
Christopher Raine, FRCS, ChM
- **Assessment of Inflammation and Fibrosis Following Cochlear Implantation in a Guinea Pig Model**
Philip Bird, MD
- **Cognitive Functioning in the Elderly CI Patient**
Paul Van de Heyning, MD

AGENDA

18th International Symposium
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TUESDAY MARCH 20

MORNING SESSION

7:30 am-9:30 am

CI AND OTHER IMPLANTABLE HEARING DEVICES: SURGICAL IMPLICATIONS

- **Retrospective Validation of Cochlear Duct Length and Electrode Insertion Depth Measures on Clinical CT Scans Using New Planning Software**
Paul Van de Heyning, MD
- **Improvement of Hearing after Sophono Alpha 2 MPO Bone Conductive Hearing Device Implantation**
Špela Kordiš, MD
- **Strategies to Improve the Bioelectric Interface in CIs**
Stefan Volkenstein, MD
- **Optimizing Early Cochlear Implantation in the Congenitally Deaf**
Christopher Raine, FRCS, ChM

EVENING SESSION

4:30 pm-6:30 pm

CI AND TINNITUS

- **Cochlear Implant in Single-sided Deafness and Tinnitus: More Than 10 Years Follow-Up**
Paul Van de Heyning, MD
- **Predictors for Tinnitus Recovery Following Unilateral Cochlear Implantation**
Hans Thomeer, MD, PhD
- **Can Cochlear Implants be a Cure for Tinnitus?**
Tobias Kleinjung, MD
- ***Tempora Mutantur*. . . and Hearing Aids Change, Too**
Ludwig Moser, PhD

WEDNESDAY MARCH 21

MORNING SESSION

7:30 am-9:30 am

OTHER ASPECTS OF MENIERE'S DISEASE

- **“Old” Surgical Findings in Meniere’s Disease**
Jan Helms, MD
- **Inflammatory Factors in Meniere’s Disease: Implications for Treatment**
Jennifer Derebery, MD
- **The Dynamic Development of Endolymphatic Hydrops in Patients With Meniere’s Disease Based on MRI Findings Following Intratympanic Injection of Gadolinium**
Chunfu Dai, MD
- **Oral Glycerol Attenuates the Enhanced Eye Velocity Response in the Video Head Impulse Test of Semicircular Canal Function**
Leonardo Manzari, MD
- **Simultaneous Labyrinthectomy and Cochlear Implantation in Patients with Unilateral Ménière’s Disease**
Giuseppe Nicolò Frau, MD

EVENING SESSION

4:30 pm-6:30 pm

MENIERE’S DISEASE AND MIGRAINE

- **Meniere’s Disease and Vestibular Migraine—Learning From One Patient**
Stefan Hegemann, MD
- **Patterns of Migraine Disease in Otolaryngology**
Michael Teixido, MD
- **Keynote: Meniere’s Disease, Vestibular Migraine, and PPPD: What is the Connection?**
Joel Goebel, MD

THURSDAY MARCH 22

MORNING SESSION

7:30 am-9:30 am

MENIERE'S DISEASE AND MRI: DIAGNOSTIC IMPLICATIONS

- **Meniere's Disease: Is MRI the New Gold Standard in Diagnostics?**
Konrad Schwager, MD
- **Clinical Subgroups of Meniere's Patients as Identified by MRI of Different Endolymphatic Sac Pathologies**
Andreas Eckhard, MD
- **The Role of MRI in the Diagnosis of Endolymphatic Hydrops and Meniere's Disease**
Robby Vanspauwen, PhD
- **Incidental Findings on MRI IAMs Investigating Audiovestibular Symptoms**
Hay Mar Htun, MD

EVENING SESSION

4:30 pm-6:30 pm

REHABILITATION FOR TINNITUS AND BALANCE DISORDERS

- **Head-mounted Vibrotactile Prosthesis for Rehabilitation of Chronic Imbalance**
Joel Goebel, MD
- **Newly Diagnosed Meniere's Disease: Outlook for Vertigo Control and Hearing with Initiation of Non-invasive Treatment Including an Accounting of Vestibular Migraine**
Michael Gluth, MD
- **Neurofeedback for Tinnitus Treatment—Review and Current Concepts AND Treating Chronic Tinnitus With Tomographic Neurofeedback**
Tobias Kleinjung, MD
- **Management of Acute Sudden Sensorineural Hearing Loss With Systemic Steroids and Hyperbaric Oxygen: Prospective Results**
Shane Anderson, MD

FRIDAY MARCH 23

MORNING SESSION

7:30 am-9:30 am

VESTIBULAR NEURITIS

- **Is Vestibular Neuritis the 'Bell's Palsy' of the Superior Vestibular Nerve?**
Joel Goebel, MD
- **Acute Unilateral Peripheral Vestibulopathy (uPVP)—Think Different and Get Better!**
Stefan Hegemann, MD
- **Eye Movement Response Patterns During Head Impulses: Healthy Subjects vs Patients with Meniere's Disease or Migraine-related Vertigo**
Leonardo Manzari, MD
- **A New Clue to Infrasound—Experimental Evidence Supporting Osmotic Baseline Stabilization in the Ear**
Eric LePage, PhD

EVENING SESSION

4:30 pm-6:30 pm

INNER EAR MEDICINE

- **Efficacy and Safety of Neurotrophic Factor-based Therapies in Human Randomized Controlled Clinical Trials: Applicability to the Inner Ear**
Hans Thomeer, MD, PhD
- **The Significance of Neutrophil-to-Lymphocyte Ratio for Prognosis in Acute Low-tone Sensorineural Hearing Loss**
Hyoung-Mi Kim, MD
- **A Role for the Otoliths in the Mechanics of Cochlear Homeostasis?**
Eric LePage, PhD
- **Bi-allelic Inactivating Variants in the COCH Gene Cause Autosomal Recessive Prelingual Hearing Impairment**
Sebastien Janssens de Varebeke, MD