

## SCIENTIFIC PROGRAMME

**MONDAY August 25th**

**Opening Ceremony      8.00 - 9.00**

**Lars Olaf Cardell, Congress President (Stockholm)**  
**Antti Mäkitie, General Secretary (Helsinki)**

**Jay T Rubinstein (Seattle)**  
Introduction of the Shambaugh Prize recipient

**Keynote Lecture 1**  
**Chair: Matti Anniko (Uppsala)**  
**Thomas Perlman**, Member of the Nobel Assembly, Karolinska Institutet and General Secretary of the Nobel Committee, Stockholm  
**The Nobel algorithm: truth, politics and the art of selection**  
(25 min)

**Keynote Lecture 2**  
**Chair: Ann Hermansson (Lund)**  
**Hans Herz**, Professor in Biomedical Technology, Royal Institute of Technology, Stockholm  
**High-spatial-resolution laboratory x-ray imaging: towards next-generation pathology and radiology**  
(25 min)

**Session 1**

**9.10 - 10.00**  
**Ctrl+Alt+Research; AI takes the lead**  
**Chairs: Konstantina Stankovic (MEMBER, Palo Alto),**  
**Romain Kania (MEMBER, Paris)**

**Stephan Lang** (MEMBER, Essen) Artificial Intelligence in Oto-Rhino-Laryngology: From Vision to Real-World Integration

**Konstantina Stankovic** (MEMBER, Palo Alto) Genetic Diagnosis and Discovery Enabled by Large Language Models

**Kristina Simonyan** (NEW MEMBER, Boston) From larynx to brain: AI-based diagnostics of neurological voice disorders

**Paul Merkus** (MEMBER, Amsterdam) CT-like images of the temporal bone from MRI using machine learning: development, validation and usefulness.

**Johan Frijns** (MEMBER, Leiden) Better speech understanding and subjective experience with a novel artificial intelligence-based dereverberation algorithm in cochlear implant users

**Discussion (10 min)**

**Fika (15 min)**

## **Session 2**

**10.15 - 11.05**

**Head and Neck Surgery 2.0: Nodes, Robots, and New Realities**

**Chairs: Dale Brown (MEMBER, Toronto), Manuel Bernal-Sprekelsen (MEMBER, Barcelona)**

**Sandro Stoeckli** (MEMBER, St Gallen) Long-term results of sentinel node biopsy for early oral and oropharyngeal squamous cell carcinoma

**Linda Marklund** (MEMBER, Uppsala) Sentinel node-assisted neck dissection in N+ oral squamous cell carcinoma

**Hisham Mehanna** (MEMBER, Birmingham) Accuracy and prognosis of extranodal extension on radiologic imaging in HPV+ oropharyngeal cancer: the multinational HNCIG-EPIC iENE study.

**Tobias Todsén** (NEW MEMBER, Copenhagen) Surgeon-performed head and neck ultrasound in office-based and perioperative setting.

**Bevan Yueh** (MEMBER, Minneapolis) Impact of Tumor Volume on Gastrostomy Use and Mortality in Advanced Laryngeal Cancer

**Chia-Jung Busch** (NEW MEMBER, Greifswald) First Experience with the DaVinci SP Robotic System in Germany: Opportunities and Challenges in Head and Neck Surgery

**Pause (5 min)**

## **Session 3**

**11.10 - 12.30**

**Big Ideas, Short Talks I**

**Miscellaneous (19 papers à 3 min and a poster)**

**Chair: Linda Marklund (MEMBER, Uppsala)**

**Pa-Chun Wang** (MEMBER, Taipei) Competence-based Otolaryngology Resident Training – National Perspectives

**Tessa Hadlock** (MEMBER, Boston) Toward A Wearable Device for Facial Pacing

**Chi-Te Wang** (GUEST, New Taipei City) Bi-layered Microflap Technique for the Treatment of Anterior Glottic Web

**Wei-Chung Hsu** (MEMBER, Taipei) Ultrasonographic Changes of Upper Airway Structures in Children with Obstructive Sleep Apnea after Adenotonsillectomy

**Uno Kosuke** (GUEST, Tokorozawa) Transoral videolaryngoscopic surgery as a minimally invasive treatment for pyriform sinus fistula.

**Michael Tong** (MEMBER, Hong Kong Sar) SmartHear+SmartTalk -AI empowering solutions for speech and hearing

**Petri Olivius** (MEMBER, Eskilstuna) An evaluation of an innovation and medical device for treatment of patients suffering from common outer ear and nose problems

**Donna Martin** (GUEST, Ann Arbor) Novel Chd7+/CreERT2 and Chd7FAST/+ mice for exploring cell lineage and overexpression as preclinical studies for gene therapy in CHARGE syndrome

**Seong Keun Kwon** (MEMBER, Seoul) Kink-Resistant and Flexible Scaffold with Surface Modification for MSC Attachment and its Application in Circumferential Tracheal Reconstructions in Rabbit

**Yo Kishimoto** (MEMBER, Kyoto) Real-time navigation surgery for parathyroid adenoma using projection mapping with indocyanine green fluorescence

**Joachim Hansen** (GUEST, Copenhagen) Treatment with Mesenchymal Stem Cells for Xerostomia – a systematic review and meta-analysis

**Preben Homøe** (MEMBER, Køge) Recurrent Laryngeal Papillomatosis in Denmark from 1994 to 2021: A Nationwide Register Study

**Nicola Quaranta** (MEMBER, Bari) Metabolomics analysis of plasmatic markers in pediatric patients affected by OSA with and without otitis media

**Koichiro Wasano** (GUEST, Kanagawa) Potential for prevention of dementia in Japan

**Luis Lassaletta** (MEMBER, Madrid) Revisiting the Hypoglossal-Facial Nerve Transfer for Facial Reanimation in 2025. The renaissance of an old technique

**Jeong-Whun Kim** (MEMBER, Seongnam) Evaluation of Sound-Based Sleep Stage Prediction in Shared Sleeping Settings

**Jukka Ylikoski** (MEMBER, Kauniainen) How to grow old healthy

**Masayoshi Yoshimatsu** (GUEST, New York) In vivo regeneration of rat laryngeal cartilage with mesenchymal stem cells derived from human induced pluripotent stem cells via neural crest cells

**Hiroyuki Ozawa** (MEMBER, Tokyo) Genetic analysis of carotid body tumors: preliminary findings

#### **LUNCH 12.30 - 13.45**

#### **Session 4**

#### **13.45 - 15.10**

**Symposium: CRS Reloaded – New Mechanisms, New Medicines, New Mindsets**

**Chair: Philippe Gevaert (NEW MEMBER, Ghent), Marie Lundberg (GUEST, Helsinki)**

**Philippe Gevaert** (NEW MEMBER, Ghent) Evolving Treatment Goals – From Control to Remission (15 min)

**Marie Lundberg** (GUEST, Helsinki) Future of surgery in the era of biologics (15 min)

**Bradford Woodworth** (NEW MEMBER, Mountain Brook) Therapeutic Potential of Ginsenoside Rb2 as a TMEM16A Potentiator in Cystic Fibrosis Sinusitis

**Claire Hopkins** (NEW MEMBER, Chislehurst) The MACRO Trial: A Randomised Controlled Trial of Clarithromycin and Endoscopic Sinus Surgery for Adults with Chronic Rhinosinusitis with and without nasal polyps

**Claus Bachert** (GUEST, Ghent) Real-world effectiveness of dupilumab in a European cohort of chronic rhinosinusitis with nasal polyps (CHRINOSOR)

**Sanna Toppila-Salmi** (MEMBER, Kuopio) ASA Treatment in CRSwNP Patients with NSAID exacerbated respiratory disease: Results from a Randomized Double-Blind Clinical Study

**Kenichi Takano** (NEW MEMBER, Sapporo) Clinical features of chronic rhinosinusitis associated with IgG4-related disease

**Panel Discussion (15 min)**

**Fika (15 min)**

## **Session 5**

**15.25 - 16.05**

**Symposium: Rewiring Hearing: Gene Therapy and Inner Ear Innovation**

**Chairs: Yehoash Raphael (MEMBER, Ann Arbor), Barbara Canlon (MEMBER, Stockholm)**

**Gary Housley** (MEMBER, Sydney) Neurotrophin Gene Therapy using Bionic array Directed Gene Electrotransfer (BaDGE) of Naked DNA Encoding BDNF and NT-3 Improves Cochlear Implant Hearing Outcomes

**Barbara Canlon** (Member, Stockholm) A novel delivery procedure for inner ear gene therapy.

**Yehoash Raphael** (MEMBER, Ann Arbor) Gene transfer of transcription factors induces hair cell regeneration in mature mammalian cochleae.

**Fan-Gang Zeng** (MEMBER, Irvine) Treating hearing loss: from cochlear implantation to gene therapy

**Per Caye-Thomasen** (MEMBER, Copenhagen) Surgical procedure for injection of cells and substances into the human cochlear modiolus.

**General Assembly 16.10 – 17.10**

**Members' Dinner 19.00** (Posthuset – Orangeriet, Vasagatan 28, don't forget your CORLAS tie)

## TUESDAY August 26th

### Session 6

**8.00-9.30**

#### **Big Ideas, Short Talks II**

**Otology (20 papers à 3 min and a poster)**

**Chair: Ann Hermansson (MEMBER, Lund)**

**Daniel Bodmer** (MEMBER, Basel) A blood barrier on a chip model gives no insights into Meniere's disease

**Orhan Ozturan** (MEMBER, Istanbul) Superiorly Based Pre-/Postauricular Transposition Flap to Enlarge the External Ear Meatus in Endaural Otologic Surgery

**Chen-Chi Wu** (MEMBER, Taipei) Preliminary efficacy and safety of AK-OTOF gene therapy for OTOF-mediated hearing loss

**Christoph Arnoldner** (MEMBER, Vienna) Gene Delivery to the Inner: Overcoming Challenges and Advancing Therapies using the pig as a large animal model

**Myrthe Hol** (MEMBER, Groningen) Intra- and post-operative experiences from 51 surgeries of a new active transcutaneous bone-anchored implant system – preliminary data of follow-up Dutch patients (N=16) after 24 months

**Marci Lesperance** (MEMBER, Ann Arbor) Health care disparities and genetic hearing loss among the Amish

**Riikka Mäkitie** (GUEST, Helsinki) Otologic manifestations in Achondroplasia

**Steven Andersen** (GUEST, Copenhagen) Dynamic cone-beam CT of the middle ear - a novel concept for determining excursion of the ossicles

**John Oghalai** (MEMBER, Los Angeles) Imaging of the human inner ear with optical coherence tomography

**Wade Chien** (GUEST, Bethesda) Application of inner ear gene therapy to a Slc26a4 mutant mouse model of fluctuating hearing loss

**Luca Verrecchia** (GUEST, Stockholm) The clinical diagnosis of superior canal dehiscence syndrome

**Jeremy Wales** (GUEST, Stockholm) X-linked hearing loss – lessons learnt from long-term follow-up of a rare malformation in a single centre

**Jong Woo Chung** (MEMBER, Seoul) Peripheral Blood Cytokine Profiles in Sudden Sensorineural Hearing Loss: Potential Diagnostic and Therapeutic Implications

**Norio Yamamoto** (MEMBER, Kobe) The role of CWC27 in cochlear development

**Judy Dubno** (MEMBER, Charleston) Preliminary outcomes of a primary care hearing screening program including 5,360 older adults

**Pascal Senn** (MEMBER, Geneva) Screening for NOX3 inhibitors for the prevention of acquired sensorineural hearing loss

**Alan Cheng** (MEMBER, Palo Alto) Precise genetic control of ATOH1 enhances maturation of regenerated hair cells in the mature mouse utricle

**Todd Mowery** (GUEST, Piscataway) Superoxide Dismutase AAV gene therapy prevents cumulative hearing loss during repeated noise exposures

**Tomas Zatoński** (MEMBER, Wrocław) From Hearing to Memory: Examining the Cognitive Impact of Presbycusis in the Polish PURE Cohort

**Johannes Ehinger** (GUEST, Lund) Cochleovestibular dysfunction in patients with primary mitochondrial disease due to pathogenic mitochondrial DNA variants

**Pause (10 min)**

## **Session 7**

**9.40 - 10.25**

**The Edge of Innovation: Healing the Head and Neck  
Chairs: Christian von Buchwald (MEMBER, Copenhagen),  
Eben Rosenthal (MEMBER, Nashville)**

**Chen-Chi Wang** (MEMBER, Taichung City) Transoral Robotic Surgery and Neck Dissection for Hypopharyngeal Cancer: Long-Term Prognostic Factors and Survival Outcomes.

**René Leemans** (MEMBER, Amsterdam) Surgical Salvage for HPV-associated Oropharyngeal Cancer: What is the Evidence

**Cherie-Ann Nathan** (MEMBER, Shreveport) Adjuvant Everolimus in Advanced-Stage Head and Neck Squamous Cell Carcinoma: Clinical and Preclinical Evaluation of Efficacy and Immune Modulation

**Kathrine Kroneberg Jakobsen** (GUEST, Copenhagen) Mesenchymal Stem Cells for the Treatment of Xerostomia

**Makoto Hosoya** (GUEST, Tokyo) The usefulness of Novel Continuous and Quantitative Intraoperative Facial Nerve-Monitoring System for facial nerve schwannoma surgery

**Fika (15 min)**

## Session 8

**10.40 - 11.45**

**Big Ideas Short Talks III**

**Head and Neck (16 papers à 3 min and a poster)**

**Chair: Cherie-Ann Nathan (MEMBER, Shreveport)**

**Remco De Bree** (MEMBER, Utrecht) Image guided surgery in oral cancer

**Antti Mäkitie** (MEMBER, Helsinki) Machine learning for predicting overall survival in early-stage supraglottic laryngeal cancer: A SEER-based population study

**Christian von Buchwald** (MEMBER, Copenhagen) Nordic Oropharyngeal Squamous Cell Carcinoma Cohort

**Krzysztof Piersiala** (GUEST, Stockholm), Prognostic value of T regulatory cells and immune checkpoints expression in tumor-draining lymph nodes for oral squamous cell carcinoma.

**Yukinori Takenaka** (MEMBER, Osaka) Temporal muscle thickness as a Prognostic Factor in Patients with Head and Neck Squamous Cell Carcinoma Treated with Immune Checkpoint Inhibitors



**Christian Grønhøj** (MEMBER, Copenhagen) Specificity and sensitivity of circulating HPV-DNA in patients with oropharyngeal squamous cell carcinoma

**Wendell Yarbrough** (MEMBER, Chapel Hill) Turning the bad tumors good: Systemic treatment to switch HPV+ HNSCC subtype and sensitize resistant tumors to radiation

**Mizuo Ando** (MEMBER, Okayama) Changes in the tumor microenvironment in Near-infrared photoimmunotherapy

**Maie St John** (MEMBER, Los Angeles) Intraoperative Margin Detection of Head and Neck Cancer with Dynamic Optical Contrast Imaging: The next Leap Forward for our Patients

**Kenji Kondo** (MEMBER, Tokyo) Assessing volume growth of paranasal sinuses and nasal cavity in children using three-dimensional imaging software

**Francesco Bussu** (MEMBER, Roma) Peculiar Patterns of Spread and Relapse in Squamous Cell Carcinomas of the Nasal Vestibule: A Monoinstitutional Observational Study

**Giovanni Almadori** (MEMBER, Rome) The role of PTHrP and PTH1R expression in locally advanced laryngeal squamous cell carcinoma: prognostic implications and response to cetuximab therapy

**Carter Van Waes** (MEMBER, Annapolis) Functional RNAi Screening Identifies G2/M and Kinetochores Components as Modulators of TNF $\alpha$ /NF- $\kappa$ B Prosurvival Signaling in Head and Neck Squamous Cell Carcinoma

**Taku Yamashita** (MEMBER, Sagamihara) The role of REV7, CD109, and midkine as biomarkers in head and neck cancer

**Matteo Alicandri Ciufelli** (MEMBER, Modena) Effectiveness of Neuromuscular Retraining (NMR) in patients with hypoglossal-facial anastomoses

**Hani Marzouki** (MEMBER, Jeddah) Advanced surgical and medical treatment of medullary thyroid cancer

**Pause (5 min)**

## Session 9

**11.50 - 12-45**

### **Big Ideas Short Talks IV**

#### **Cochlear Implants (12 papers à 3 min and a poster)**

**Chair: Antti Aarnisalo (MEMBER, Helsinki)**

**Piotr Skarżyński** (MEMBER, Warsaw) Local delivery of steroids to inner ear via medical device INCAT (the Inner Ear Catheter) in partial deafness patients during cochlear implantation - preliminary results

**Jae-Jin Song** (GUEST, Seongnam) Molecular imaging-based machine learning predicts cochlear implant outcome in prelingually deaf children

**Marco Caversaccio** (MEMBER, Bern) Do Expert Surgeons Perform Better CI surgery? Evidence from an In Vitro Study of 30 International CI Surgeons

**Craig Buchman (MEMBER, St Louis)** Intensity-Driven Shifts in Tonotopic Coding in Humans: A Framework for Cochlear Implant Frequency Allocation

**Aarno Dietz** (MEMBER, Kuopio) Robotic Electrode Insertion Reduces Trauma in a Cadaveric Cochlear Model

**Jeonghun Jang** (GUEST, Suwon) Sialyllactose preserves residual hearing after cochlear implantation

**Takashi Nakagawa** (MEMBER, Fukuoka) Language development of children with cochlear implant

**Theodore Mcrackan** (GUEST, Charleston) Enhancing Pre-Cochlear Implant Counseling Using the Cochlear Implant Quality of Life (CIQOL) Instrument Suite

**Hong Ju Park** (MEMBER, Seoul) Cortical Volumetric Changes before and after Cochlear Implantation in Postlingually Deaf Adults

**David Elisha** (GUEST, Miami) Drug Y Eluting Electrode Provides Otoprotection in a Preclinical Rat Model of Cochlear Implantation

**Yann Nguyen** (MEMBER, Paris) Robotic-Assisted Insertion of Cochlear Implant CI632: an ex-vivo study

**Marlan Hansen** (MEMBER, Iowa City) Modulation of immune/inflammatory responses to cochlear implantation in animals and humans

**LUNCH 12.45 - 13-50**

**Session 10**

**13.50 - 14.45**

**Unraveling Ear Disease: Genetic Drivers and Structural Defenses**

**Chairs: Claes Möller** (MEMBER, Örebro), **Ann Hermansson** (MEMBER, Lund)

**Vincent Van Rompaey** (NEW MEMBER, Edegem) Functional Outcome in a Rationally Designed Genomically Humanized Mouse Model for Dominantly Inherited Hearing Loss DFNA9.

**Regie Santos-Cortez** (MEMBER, Aurora) Rare and low-frequency genetic variants in families with otitis media

**Allen F Ryan** (MEMBER, Solana Beach) Regulation of mucin genes by chromatin accessibility during otitis media

**Byung Yoon Choi** (MEMBER, Seongnam) Otof gene transfer in DFNB9 mice carrying human founder non- truncating alleles

**Karl-Bernd Hüttenbrink** (MEMBER, Düsseldorf) Retraction of the tympanic membrane: is it an active self-defense mechanism? A new concept and its surgical implications against recurrency.

**Diego Preciado** (NEW MEMBER, Washington) Micro RNAs Implication in the Progression of Otitis Media

**Pause (5 min)**

**Session 11**

**14.50 - 15.30**

**Otology**

**Chairs: Marcos Goycoolea** (MEMBER, Santiago), **Sten Hellström** (MEMBER, Stockholm)

**Jesper Hvass Schmidt** (NEW MEMBER, Odense) Can Hearing Aids Mitigate the Risk of Dementia in Older Adults with Hearing Loss?

**Tatsuo Matsunaga** (MEMBER, Tokyo) A wide spectrum of rare causative genes identified by whole exome sequencing and phenotype similarity search in undiagnosed patients with syndromic hearing loss

**Kimitaka Kaga** (MEMBER, Tokyo) A Case of Michel Type Deformity in the Inner Ear Anomaly-Long Term Follow Up of a Two-months-old Child to Age Twenty

**Saku Sinkkonen** (MEMBER, Helsinki) Facial Nerve Stimulation in Otosclerosis Patients with Cochlear Implants – The Impact of Lateral versus Perimodiolar Electrode Array Positioning

**Elisabetta Zanoletti** (MEMBER, Padova) The role of vasculature of the internal auditory canal and functional surgery of vestibular schwannoma

**Fika (10 min)**

## **Session 12**

**15.40 - 17.00**

**Symposium: CI in the Real World: Syndromes, Side Effects, and Cognitive Impact**

**Chairs: P. Ashley Wackym (MEMBER, New Brunswick), Hans-Peter Zenner (MEMBER, Tübingen)**

**Nicolas Verhaert** (NEW MEMBER, Leuven) Bio-sensing for cochlear implant-induced trauma: new developments

**Antti Aarnisalo** (MEMBER, Helsinki) Variable inner ear pressure changes associated with manual electrode insertion; a temporal bone study

**Kadir Serkan Orhan** (MEMBER, Istanbul) A Novel Surgical Technique in Bilateral Cochlear Implantation

**David Horn** (NEW MEMBER, Seattle) Maturation of frequency resolution in infants who use cochlear implants

**Bruce Gantz** (MEMBER, Iowa) Acoustic Hearing Preservation Manual vs Robotic Cochlear Implant Insertion: Rates of Long-Term Delayed Hearing Loss

**Pause (5 min)**

**Abdulrahman Hagr** (MEMBER, Riyadh) Adult Simultaneous Cochlear Implantation: Local Anesthesia

**Giorgia Girotto** (NEW MEMBER, Trieste) Beyond the curtains of Non-syndromic Hereditary Hearing Loss (NSHL): Whole Exome Sequencing (WES) reveals the presence of Non-Syndromic Mimics (NSMs)

**Richard Smith** (MEMBER, Iowa City) The Contribution of Common Variants in Deafness-Associated Genes to Age-Related Hearing Loss

**Wolfgang Baumgartner** (MEMBER, Vienna) Update in Robotic Cochlear Implantation – HEARO & OTODRIVE

**Cultural Evening, Stockholm City Hall at 19.00**

**WEDNESDAY August 27th**

**Session 13**

**8.00 - 9.00**

**Silent Voices and Sleepless Nights: Rebuilding Airway Function**

**Chairs: Koichi Omori (MEMBER, Kyoto), Jussi Jero (MEMBER, Helsinki),**

**Ihab Atallah** (NEW MEMBER, La Tronche) Innovations in the Management of Unilateral Vocal Fold Paralysis: Expanding Therapeutic Possibilities

**Miro Tedla** (MEMBER, Bratislava) Novel surgical approach to address posterior glottic stenosis

**Yoon Se Lee** (MEMBER, Seoul) Establishment of humanized mouse models in the evaluation of PD-1/PD-L1-axis blockade-based head and neck cancer immunotherapy

**Alexander Hillel** (NEW MEMBER, Baltimore) E-cadherin-deficient epithelium creates a leaky barrier and promotes fibrosis in idiopathic subglottic stenosis

**Maria Suurna** (MEMBER, Miami) Outcomes of Bilateral Hypoglossal Nerve Stimulation for Treatment of Sleep Apnea

**Olivier M Vanderveken** (NEW MEMBER, Edegem) The Effect of Hypoglossal Nerve Stimulation on Sleep Apnea Specific Hypoxic Burden in patients with Obstructive Sleep Apnea

**Pause (15 min)**

**Session 14**

**9.15 – 10.15**

**Big Ideas, Short Talks V**

**Miscellaneous (12 papers à 3 min and a poster)**

**Chair: Lars Olaf Cardell (MEMBER, Stockholm)**

**Antje Welge-Lüssen** (MEMBER, Basel) Visiting a Smell and Taste Clinic with uni- or bilateral normosmia

**Basile Landis** (MEMBER, Groningen) Nasal obstruction and anxiety – Is there a link?

**David Housley** (GUEST, Melbourne) Impact of Management Decisions on Outcomes of Paediatric Subperiosteal Orbital Abscess: A Retrospective Study

**Per Gisle Djupesland** (MEMBER, Oslo) Nasal Dilators in Sports Activities – Magic or Gimmick?

**Karol Elisha Juntilla Silla** (GUEST, Doha) Transnasal transsphenoidal endoscopic pituitary adenoma surgery: Prospective study on patients' Anterior Skull Base-12 (ASK-12) scores

**Masafumi Sakashita** (GUEST, Fukui) A Comprehensive Analysis of Big Data on Health Observations Concerning Cedar Pollinosis Among Youth in Fukui, Japan

**Cem Meco** (MEMBER, Ankara) Periorbital suspension and the role of anterior ethmoidal artery during endonasal endoscopic access to the lateral frontal sinus and skull base

**Philippe Gevaert** (NEW MEMBER, Ghent) Clinical and Proteomic Analysis of Biologic Treatments in CRSwNP: Real-World Insights from a Belgian Cohort

**Andro Košec** (MEMBER, Zagreb) Salivary cortisol concentration is an objective measure of the physiological response to acute stress caused by loud music

**Sébastien Schmerber** (MEMBER, Grenoble) Skull Vibration Induced afternystagmus - a new clinical indicator of anterior canal dehiscence.

**Yen-Fu Cheng** (MEMBER, Taipei) CRISPR Exon Skipping for Pendred Syndrome (DFNB4) Hearing Loss: Vestibular Function Restored but Hearing Loss Persists in a Mouse Model

**Georgios Mantokoudis** (MEMBER, Bern) Gaze Position Error During Head Impulses as a Predictor of Symptom Severity in Subacute Dizzy Patients

**Fika (15 min)**

## Session 15

**10.30 - 11.30**

**Signals from the Labyrinth: Hearing and Balance in Focus**  
**Chairs: Måns Magnusson (MEMBER, Lund), D. Bradley Welling (MEMBER, Boston)**

**Sofia Waissbluth** (NEW MEMBER, Santiago) Understanding Bilateral Vestibulopathy: Insights from the Video Head Impulse

**Powen Cheng** (MEMBER, New Taipei City) The relationship between the betahistine treatment duration in patients with cochlear MD and their clinical outcomes.

**Tadashi Kitahara** (MEMBER, Kashihara) Prognosis of asymptomatic endolymphatic hydrops in healthy volunteers: A five-year cohort study

**Shinichi Iwasaki** (MEMBER, Nagoya) Double-blind placebo-controlled crossover study of the effect of prolonged noisy galvanic vestibular stimulation on posture in vestibulopathy

**Dirk Beutner** (NEW MEMBER, Göttingen) Partial ossicular reconstruction with a novel balljoint prosthesis

**Stefan Plontke** (MEMBER, Halle) Inner ear Schwannomas: Preservation of vestibular function and hearing rehabilitation with cochlear implants after surgical tumour removal – our experience in a monocentric case series of 133 patients

**Sharon Cushing** (NEW MEMBER, Toronto) Solving for Why? Impact of Early Etiologic Assessment on the Access to Bilateral Cochlear Implantation in Children with Hearing Loss.

**Pause (10 min)**

## Session 16

**11.40 - 12.15**

**Smell, Sight, and Survival: High-Stakes Rhinology**  
**Chairs: Matti Anniko (MEMBER, Uppsala), Markus Rautiainen (MEMBER, Tampere)**

**Stephan Hackenberg** (NEW MEMBER, Würzburg) Metabolization of odorants by human nasal mucosa – a crucial step in olfaction



**Andrzej Sieskiewicz** (NEW MEMBER, Biatystok) Standardized Endoscopic Optic Nerve Decompression: A Comprehensive Radiological and Anatomical Study

**Romain Kania** (MEMBER, Paris) Radical Endonasal Surgery Combined with Liposomal Amphotericin B for the Treatment of rhino-orbito-cerebral mucormycosis (ROCM): The MICCA Protocol

**Ola Sunnergren** (NEW MEMBER, Jönköping) What's good enough in septoplasty?

#### **LUNCH 12.15 – 13.30**

#### **Session 17**

**13:30 – 14:45**

**Vision for the future from the CORLAS Experience**

**Chairs: Barbara Wollenberg (MEMBER, Munich), Shakeel Saeed (MEMBER, London)**

**Måns Magnusson** (MEMBER, Lund) Meniere's disease: different mechanisms for hydrops and implication of treatments – an update

**Anil Lalwani** (MEMBER, Scarsdale) Novel dual-lumen microneedle delivers adeno-associated viral vectors in the guinea pig inner ear via the round window membrane

**Pim Van Dijk** (MEMBER, Groningen) GABA inhibition in humans with tinnitus

**Anna Rita Fetoni** (MEMBER, Naples) Linking oxidative stress and inflammation in hearing loss: A journey from the cochlea to the brain

**Karen Avraham** (MEMBER, Tel Aviv) Genetics of deafness: Implications for precision medicine

**Bruce Gantz** (MEMBER, Iowa City) Acoustic Hearing Preservation Manual vs Robotic Cochlear Implant Insertion: Rates of Long-Term Delayed Hearing Loss

**Stephen O'Leary** (MEMBER, Melbourne) Perilymphatic sampling transcriptomics informs the biology of high electrode impedance after cochlear implantation

**Nicole Rotter** (MEMBER, Mannheim) Update on cartilage tissue engineering in otorhinolaryngology

**Andrej Kral** (MEMBER, Hannover) Predicting outcomes following cochlear implantation: Assessment of cochlear health

**CLOSING CEREMONY 14:45-15:00**

**GALA DINNER, Operakällaren – Operaterrassen at 19:00**