

Daily Program

D1, Dec. 7 (Sat.)		Conference Room, 1F
08:20-08:30	Opening Ceremony	
08:30-09:50	Symposium 01 Auditory device and electrophysiology Moderators: Hao Wu, China (吳皓) 、 Julie Ma, Taiwan	
	SP01-1 Bonebridge Implantation for Hearing Restoration in Taiwanese Patients with Microtia and Aural Atresia Kai-Chieh Chan, Taiwan	
	SP01-2 Meaning and Limitations of Genetic Testing in Pediatric Cochlear Implantation. Kyu-Yup Lee, Korea	
	SP01-3 Long-term auditory performance and psychosocial benefits of cochlear implantation in Mandarin-speaking older adults Hung-Ching Lin, Taiwan	
	SP01-4 Transforming Hearing: Rehear Audiology's AI-Powered OTC Hearing Aids for Enhanced User Experience Hsiu-Wen Chang, Taiwan	
09:50-10:30	Keynote 01 Moderator: Tien-Chen Liu, Taiwan	
	KS01 Precision Otology 2024: The Convergence Approach Konstantina Stankovic, USA	
10:30-10:50	Coffee Break	
10:50-12:10	Symposium 03 Basic Research Moderators: Yang-Sun Cho, Korea 、 Chih-Hung Wang, Taiwan	
	SP03-1 The key player of bone destruction in cholesteatoma Takashi Sato, Japan	
	SP03-2 Novel techniques to generate functional inner ear organoids from embryonic stem cells and disease modeling Yun-Hoon Choung, Korea	
	SP03-3 Beyond the Borders: Integrating Whole-Genome Research and iPS Cell Technology Towards Advancing Age-Related Hearing Loss Research Masato Fujioka, Japan	
	SP03-4 Topic TBA Yen-Fu Cheng, Taiwan	
	SP03-5 Photobiomodulation in the inner ear Jae-Yun Jung, Korea	
12:10-13:30	Keynote 02 & Luncheon Moderator: Chung-Feng Hwang, Taiwan	
	KS02 Surgical Approaches to Lateral Skullbase Prepageran Narayanan, Malaysia	

13:30-14:50	Symposium 05 Cholesteatoma Moderators: Yutaka Yamamoto, Japan 、 An-Suey Shiao, Taiwan SP05-1 Cholesteatoma Kary Lui, Hong Kong SP05-2 Pediatric cholesteatoma: Clinical manifestations and management Jiunn-Liang Wu, Taiwan SP05-3 Endoscopic Management of Congenital Cholesteatoma: Techniques and Outcomes Hyoung-Ho Cho, Korea SP05-4 Advances in Endoscopic Ear Surgery for Cholesteatoma: The Experience of Kuang-Tien General Hospital Chang-Wei Huang, Taiwan
14:50-15:30	Keynote 03 Moderator: Chen-Chi Wu, Taiwan KS02 AAV-hOTOF Gene Therapy for Autosomal Recessive Deafness 9 Yilai Shu, China
15:30-15:50	Coffee Break
15:50-17:20	Symposium 07 Vestibular Disease Moderators: Ting-Hua Yang, Taiwan 、 Sung-Huhn Kim, Korea SP07-1 Progress in Meniere's disease in the realm of the Hydrops MRI Yi-Ho Young, Taiwan SP07-2 Clinical Applications of MRI in patients with Meniere's disease Won-Ho Chung, Korea SP07-3 Isolated otolith dysfunction - difference in body sway between saccular and utricular dysfunction. Toru Seo, Japan SP07-4 Nationwide Prevalence of Video Head Impulse Test Abnormality and its Risk Factors in South Korea. Myung-Whan Suh, Korea SP07-5 Association between Headache and Vestibular Disease: Prevalence and Associated Factors Hong-Ju Park, Korea
17:20-18:00	Transportation
18:00-20:30	Conference Banquet

D1, Dec. 7 (Sat.)

Conference Hall, 2F

08:20-08:30 Opening Ceremony (Conference Room, 1F)

08:30-09:50

Symposium 02

Eustachian Tube

Moderators: Takeshi Oshima, Japan ` Soo-Keun Kong, Korea

SP02-1

The role of Eustachian tube dysfunction between chronic rhinosinusitis and chronic suppurative otitis media

Xiao-Xin Chen, Hong Kong

SP02-2

Evaluation of Eustachian Tube Function in Middle Ear Surgery

Ryouchichi Ikeda, Japan

SP02-3

Managing Post-Radiation Eustachian Tube Dysfunction: Challenges and Solutions

Wei-Chieh Chao, Taiwan

SP02-4

Tailored Treatment of Eustachian Tube Dysfunction

Cheng-Yu Hsieh, Taiwan

10:30-10:50 Coffee Break

10:50-12:10

Symposium 04

Cochlear Implant

Moderators: Chuan-Jen Hsu, Taiwan ` Byung-Yoon Choi, Korea

SP04-1

Cochlear Implants in children

Kyoko Shirai, Japan

SP04-2

CI in adults

Kuang-Chao Chen, Taiwan

SP04-3

Intraoperative EABR testing predicts the strength of CI stimulation optimized after long-term use in pediatric malformation ears

Hiroshi Yamazaki, Japan

SP04-4

Cochlear Implantation in Patients with Single-Sided Deafness

Il-Joon Moon, Korea

SP04-5

Outcome of Cochlear Implantations in ANSD

Wai-Tsz Chang, Hong Kong

13:30-14:50	Symposium 06 Genetics and Regeneration Moderators: Yoshihiro Noguchi, Japan 、 Byung-Yoon Choi, Korea SP06-1 Advanced and challenges in gene therapy for hereditary hearing loss Hidekane Yoshimura, Japan SP06-2 Exploring the role of miRNAs in the development of inner ear organoids Jiwon Chang, Korea SP06-3 Exploring the pathogenic mechanisms of OPA1-related auditory neuropathy spectrum disorder using induced pluripotent stem cells Pei-Hsuan Lin, Taiwan SP06-4 Clinical Feasibility and Challenge of Gene Editing for Progressive Hearing Loss Jinsei Jung, Korea SP06-5 In vivo PAM-flexible adenine base editing to rescue hearing loss in a humanized MPZL2 mouse model harboring East Asian founder mutation Sang-Yeon Lee, Korea
15:30-15:50	Coffee Break
15:50-17:10	Symposium 08 Skull Base Moderators: Naoki Oishi, Japan 、 Sung-Il Nam, Korea SP08-1 Approaches to External Auditory Canal Cancer: Indications for Lateral Temporal Bone Surgery Takeshi Fujita, Japan SP08-2 Surgical Tips of Translabyrinthine Approach - for The Beginners Mao-Che Wang, Taiwan SP08-3 Transcanal Access to lateral skull Base: Role of Endoscope Wai-Tsz Chang, Hong Kong SP08-4 Verrucous carcinoma of the temporal bone: diagnostic and therapeutic challenges Alan Lau, Hong Kong SP08-5 Tumor shape as a prognostic factor for the growth of intracanalicular vestibular schwannoma: a long-term observational study Jong-Dae Lee, Korea
17:10-18:00	Transportation
18:00-20:30	Conference Banquet

08:30-09:50

Free Paper 01

Auditory implants

Moderators: Jiunn-Liang Wu, Taiwan (吳俊良) 、 Yung-Song Lin, Taiwan (林永松)

FP01-1

Health utility and quality of life analysis in children with bilateral cochlear implantation

Presenter:

Yu-Ju Chiang, National Taiwan University Hospital, Taiwan

FP01-2

Surgical procedure for scalp reduction in cochlear implantation

Presenter:

Sung Wook JEONG, Department of Otolaryngology, Dong-A University Hospital, South Korea

FP01-3

Subjective satisfaction in early-activated cochlear implant participants

Presenter:

Shu-Yun Jheng, China Medical University Hospital, Holistic Hearing Healthcare Center, Taiwan

FP01-4

The benefits and barriers of Cochlear Implant for Adults

Presenter:

Mei-Jui Huang, China Medical University Hospital, Taiwan

FP01-5

Impact of Very Early Cochlear Implant Activation on Tinnitus Outcomes

Presenter:

Ivy Yenwen Chau, Cheng Hsin General Hospital, Taiwan

FP01-6

The comparison of impedance alteration and performance in Cochlear slim modiolar electrode (CI632) and slim straight electrode (CI622) in very early-activation cochlear implant recipients

Presenter:

Kuan Hua William Chen, Holistic Hearing Healthcare Center, China Medical University Hospital, Taiwan

FP01-7

Evaluation of Receiver Location and Migration After Cochlear Implantation Using 3D Rendering of Computed Tomography : 20 Years of Retrospective Analysis

Presenter:

Chih-Hung Cha, Kaohsiung Chang Gung Memorial Hospital, Taiwan

FP01-8

Efficacy of cochlear implantation in cochlear nerve deficiency children

Presenter/ Co-author:

Huy Pham, Ear Nose and Throat Hospital Ho Chi Minh city, Vietnam

FP01-9

Cortical volumetric changes after cochlear implantation in postlingually deaf adults: correlation with speech perception abilities

Presenter:

Hong Ju Park, Asan Medical Center, South Korea

FP01-10

Cochlear implantation in a patient with Noonan Syndrome and enlarged cochlear apertures: A case report

Presenter:

Kai Shan Yang, Department of Otolaryngology, Kaohsiung Chang Gung Memorial Hospital, Taiwan

10:30-10:50	Coffee Break
10:50-12:10	Free Paper 02 Hearing loss and vestibular disorders Moderators: Ming-Yee Lin, Taiwan (林明毅) 、 Chia-Huei Chu, Taiwan (褚嘉慧) FP02-1 Clinical Characteristics & Hearing Impairment in the m.3243A>G carriers Presenter: Natsumi Uehara, Kobe University, Japan FP02-2 Update on Clinical Manifestation in Acute Low-Tone Hearing Loss Presenter: Gi Im, Korea University College of Medicine, South Korea FP02-3 Digit-in-noise test for screening older adults with mild cognitive impairment in a community setting – a pilot validation study Presenter: Anna Kam, The Education University of Hong Kong FP02-4 The change of hearing loss prevalence over the past decade in Korean adults: Data from a population-based study Presenter: Sung Won CHAE, Korea University, College of Medicine, Dept Otorhinolaryngology Head & Neck Surg, South Korea FP02-5 Increased risk of hearing loss associated with MT-RNR1 gene mutations: a real-world investigation among Han Taiwanese Population Presenter: Hou Kuang Chen, 1. Department of Otorhinolaryngology-Head and Neck Surgery, China Medical University Hospital, Taiwan FP02-6 Retrolabyrinthine Bone Thickness as a Radiologic Marker for the Hypoplastic Endotype in Meniere Disease Presenter: Kuei-You Lin, Department of Otolaryngology, Shin Kong Wu Ho-Su Memorial Hospital, Taiwan FP02-7 Incidence of peripheral vestibular disorders based on population data of Korea Presenter: Junhui Jeong, Bucheon St. Mary's Hospital, The Catholic University of Korea, South Korea FP02-8 Comparison of Clinical Characteristics and Recurrence Rates Between Post-Traumatic and Idiopathic Benign Paroxysmal Positional Vertigo in Koreans: A Nested Case-Control Study Presenter: Jae-Hyun Seo, Dept. of Otorhinolaryngology-HNS, Seoul St.Mary's Hospital, College of Medicine, the Catholic University of Korea, South Korea FP02-9 Modified stapes surgery for otosclerosis : An evaluation of auditory results and postoperative complications Presenter: Chih-En Chang, Cheng Hsin general hospital, Taiwan
13:00-13:30	EASO Board Meeting
13:30-14:50	Free Paper 03 Audiology Moderators: Wen-Huei Liao, Taiwan (廖文輝) 、 Yi-Chao Hsu, Taiwan (許益超)

FP03-1**Cortical auditory evoked potential in early activation cochlear implant recipients**

Presenter:

Kuan Ju Chen, Holistic Hearing Healthcare center, China Medical University Hospital, Taiwan

FP03-2**Clinical standardization for the detection of hemispheric dominance for steady-state auditory evoked fields in normal hearing**

Presenter:

Yao Ching Wang, Cheng Hsin General Hospital, Taiwan

FP03-3**A Novel Audiogram Model For Predicting the Prognosis of Sudden Sensorineural Hearing Loss**

Presenter:

Wen-Huei Liao, Department of Otolaryngology-Head and Neck Surgery, Taipei Veterans General Hospital, Taiwan.

FP03-4**Acoustic reflex measurement using harmonic tones**

Presenter:

Tatsuhiko Harada, International University of Health and Welfare Atami Hospital, Japan

FP03-5**The Effects of Hearing Performance After a Massive Explosion in Military**

Presenter:

Tzu-Ching Chou, Tri-Service General Hospital, Taiwan

FP03-6**Audiological performance and subjective satisfaction of the ADHEAR system in experienced pediatric users with unilateral microtia and aural atresia**

Presenter:

Ping Hsueh Sun, Chang Gung Memorial Hospital, Taiwan

FP03-7**Long-term follow-up of Bonebridge BCI 601 implantation in microtia patients with aural atresia: Acoustic and subjective benefits**

Presenter:

Kuan-Ting Yeh, Department of Medical Education, Chang Gung Memorial Hospital, Linkou, Taiwan

FP03-8**Using 3D printing technology to construct biomimetic cochlear organoids for the research of sensorineural hearing loss**

Presenter:

Hsin-Chien Chen, Tri-Service General Hospital, National Defense Medical Center, Taiwan

FP03-9**Investigating Accelerated Brain Aging in Age-Related Hearing Loss Using Cognitive Brain Age Prediction Models**

Presenter:

Yen Jun Pan, China Medical University Hospital Taipei Branch, Taiwan

D2, Dec. 8 (Sun.)

Conference Room, 1F

08:00-08:40

Special Lecture 01_ Akouos

Moderator: Yen-Fu Cheng, Taiwan 鄭彥甫

SL01-1

Topic TBA

Brian Lin, USA

SL01-2

Topic TBA

Chen-Chi Wu, Taiwan

08:40-10:00

Symposium 09

Sensorineural Hearing Loss

Moderators: Jong-Woo Chung, Korea 、 Hsin-Chien Chen, Taiwan

SP09-1

Aging changes in hearing.

Koichiro Wasano, Japan

SP09-2

Sensorineural hearing loss in nasopharyngeal carcinoma survivors in modern treatment era

Jason Mok, Hong Kong

SP09-3

What can we learn about SNHL from single cell RNA sequencing?

Min-Young Lee, Korea

SP09-4

Association of Circulating Cell-Free Mitochondrial DNA with Sudden Sensorineural Hearing Loss

Chao-Hui Yang, Taiwan

SP09-5

Recent Advances in MRI Evaluation of Sudden Hearing Loss

Tadao Yoshida, Japan

SP09-6

Randomised controlled study on hearing aid use and cognitive functions of older adults with mild to moderate hearing loss: lessons learned in COVID-19 pandemic

Iris Ng, Hong Kong

10:00-10:20

Coffee Break

10:20-11:00

Keynote 04

Moderator: Ja-Won Koo, Korea

KS04

Significance of MRI evaluation for pathophysiological analysis of inner ear disorders

Michihiko Sone, Japan

11:00-12:20

Symposium 11

Hyperacusis and Tinnitus

Moderators: Lieber Po-Hung Li, Taiwan 、 Shi-Nae Park, Korea

SP11-1

Association between tinnitus and hyperacusis and its background factors

Sho Kanzaki, Japan

SP11-2

The Relation Between Sound Level Tolerance and Tinnitus in Humans

Hyun-Joon Shim, Korea

SP11-3

Maximal or minimal auditory restoration to treat tinnitus: CI for subjects with SSD and Frequency-lowering hearing aids for high-frequency loss only

Jae-Jin Song, Korea

SP11-4

	<p>The Signal Processing of Auditory Amplification by Complexity Analysis to Assess Hearing and Tinnitus Tang-Chuan Wang, Taiwan</p>
12:20-13:30	<p>Keynote 05 & Luncheon Moderator: Jen-Tsung Lai, Taiwan</p> <p>KS05 Tinnitus: Finally a Treatable Disease. Hamid Djalilian, USA</p>
13:30-14:10	<p>Keynote 06 Moderator: Hiromi Kojima, Japan</p> <p>KS06 Experience of Cochlear Implantation at SNUH and Hearing Loss-Cognition Link Jun-Ho Lee, Korea</p>
14:10-14:55	<p>Taiwan, Japan, and Korea Joint Session Moderators: Seiji Kakehata, Japan 、 Jae-Young Choi, Korea</p> <p>TJK_S1 A Journey for a Cure of Tinnitus as a Clinician Scientist: Know-Hows and Insights Shi-Nae Park, Korea</p> <p>TJK_S2 Perilymph Sampling for Exosome and Proteomic Profiling Using Ultrasound Microbubble Chih-Hung Wang, Taiwan</p> <p>TJK_S3 The Development and Context of New EAS Indication Criteria and Related Topics Tadao Yoshida, Japan</p>
14:55-15:00	Closing Remarks

D2, Dec. 8 (Sun.)

Conference Hall, 2F

08:40-10:00

Symposium 10

Middle Ear Surgery and Facial nerve

Moderators: Shinichi Haginomori, Japan ∙ Hyong-Ho Cho, Korea

SP10-1

Advanced middle ear surgery using patient-specific 3D model

Kuniyuki Takahashi, Japan

SP10-2

Beyond the Scalpel: Integrating Radiological and Audiological Insights for Enhanced Cholesteatoma Surgery Outcomes.

Masaomi Motegi, Japan

SP10-3

Investigating Changes in Canal Preservation and CWD mastoidectomy Following the Adoption of Endoscopic Ear Surgery

Chin-Kuo Chen, Taiwan

10:00-10:20

Coffee Break

11:00-12:20

Symposium 12

Innovation and Future of Otology

Moderators: Chia-Der Lin, Taiwan ∙ Sung-Won Chae, Korea

SP12-1

Endoscopic and exoscopic personalized surgery for cholesteatoma based on innovative imaging diagnostics.

Tsukasa Ito, Japan

SP12-2

Reshaping otology through AI and robotics

Michael Tong, Hong Kong

SP12-3

Use of Artificial Intelligence Technology in Otology – Experiences of Data Computation

Pa-Chun Wang, Taiwan

SP12-4

Cochlear implant in patients with inner ear anomaly

Jae-Young Choi, Korea

SP12-5

The Elucidation of Inner Ear Development Mechanisms from Single-cell Genomic Data

Norio Yamamoto, Japan

14:55-15:00

Closing Remarks (Conference Room, 1F)

08:40-10:00

Free Paper 04**Middle ear surgery and facial nerve**

Moderators: Kuen-Yao Ho, Taiwan(何坤瑤) 、 Fei-Peng Lee, Taiwan (李飛鵬)

FP04-1**Transcanal endoscopic revision surgery for patients with a past history of canal wall down mastoidectomy**

Presenter:

Takanari Goto, Department of Otolaryngology, Head and Neck Surgery, Yamagata University Faculty of Medicine, Japan

FP04-2**Optimal current intensity for supramaximal stimulation during electroneurography for facial palsy**

Presenter:

Yusuke Ayani, Otorhinolaryngology - Head and Neck Surgery/Osaka Medical and Pharmaceutical University, Japan

FP04-3**Management of Big Open Cavity during Surgery for Chronic Otitis Media with Cholesteatoma using Gelfoam and Cartilage Obliteration: A Retrospective Study**

Presenter:

Hung-Hsun Lin, Cheng Hsin General Hospital, Taiwan

FP04-4**Endoscopic assisted transcanal ear surgery: a case series.**

Presenter:

Chun Hang Chan, Queen Elizabeth Hospital, Hong Kong

FP04-5**Comparison of the outcome of stapes surgery in otosclerosis using different frequencies in pure-tone average**

Presenter:

Wang Chen Chih, Cheng Hsin General Hospital., Taiwan

FP04-6**The Role of Hyaluronic Acid Gel in Sealing Stapedotomy and Its Relationship with Postoperative Complications**

Presenter:

Yu-Hsien Liu, Cheng Hsin General Hospital, Taiwan

FP04-7**Tips and tricks for surgical treatment of chronic otitis media via TEES**

Presenter:

Chikako Shinkawa, Department of Otolaryngology, Head and Neck Surgery, Yamagata University Faculty of Medicine, Japan

FP04-9**Endoscopic malleostapedotomy versus incudostapedotomy for stapes fixation with or without lateral chain fixation: A comparative outcomes study**

Presenter:

Jin Woong Choi, Chungnam National University School of Medicine, South Korea

FP04-10**Round window atresia with negative acoustic reflex: A report of 3 cases**

Presenter:

Shintaroh Amano. Department of Otolaryngology, Head and Neck Surgery, Yamagata University Faculty of Medicine. Japan

10:00-10:20

Coffee Break

11:00-12:20

Free Paper 05**Hyperacusis and tinnitus**

Moderators: Tzong-Hann Yang, Taiwan (楊宗翰) 、 Ta-Wei Yeh, Taiwan (葉大偉)

FP05-1

ENT- RELATED ISLAMIC INSTRUCTIONS

Presenter:

Hesham Elmashad, Makkah Institute for Speech And Hearing (MISH), United States of America

FP05-2

Timing of bilateral sequential cochlear implantation for children: determination of its benefit

Presenter:

Pei-Hsuan Ho, MacKay Medical College, Taiwan

FP05-3

Forest for the trees: preliminary results of novel sigmoid sinus resurfacing in subjects with sigmoid sinus dehiscence and adjacent broad-based diverticulum

Presenter:

Jung Kyu Lee, Seoul National University Bundang Hospital, South Korea

FP05-4

Hormone Replacement Therapy for Chronic Tinnitus in Menopausal Women: Experience with 57 Cases at Kuang Tien General Hospital

Presenter:

Taching Chan, Department of Otolaryngology–Head and Neck Surgery, Kuang-Tien General Hospital, Taiwan

FP05-5

The Impact of Migraine And Vestibular Migraine on Audiometric Profiles and Quality of Life in Patients with Tinnitus

Presenter:

Yu-Hsi Liu, Kaohsiung Veterans General Hospital, Taiwan

FP05-6

Cortical Auditory Evoked Potential in Migraine Patients with Hyperacusis

Presenter:

Pey-Yu Chen, Mackay Memorial Hospital, Taiwan

FP05-7

Association of periodic limb movements during sleep and tinnitus in humans

Presenter:

Juen-Haur Hwang, Dalin Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Taiwan

FP05-8

Digital therapeutics for chronic subjective tinnitus_Korean Multicenter RCT

Presenter:

Jae-Jun Song, Department of Otorhinolaryngology-Head and Neck Surgery, Korea University College of Medicine, South Korea

FP05-9

Impact of Short-term Tinnitus Treatment on Cognitive Function and Neural Synchronization

Presenter:

Ho Lee, Ewha Mokdong Hospital, South Korea

13:00-13:30

台灣耳科醫學會 (TAO)
理監事會議及會員代表大會