

Keynote Lecture		
KL	March 29 (Tue.) 8:45–9:30 (45min.) Main-Hall (Century)	
	Kyung Tae	Robotic Head and Neck Surgery; Past, Present, and Future Department of Otolaryngology–Head and Neck Surgery, College of Medicine, Hanyang University, Korea <i>Chairperson: Kaoru Ogawa (Keio University, Japan)</i>
Invited Lecture		
IL	March 29 (Tue.) 9:30–10:15 (45min.) Main-Hall (Century)	
	Albert Edge	Identification of Progenitor Cells in the Cochlea: Lgr5-positive Supporting Cells Harvard Medical School, USA, Massachusetts Eye and Ear Infirmary, USA Keio University, Japan <i>Chairperson: Yasuo Hisa (Kyoto Gakuen University, Japan)</i>
Special Lecture		
SL	March 30 (Wed.) 8:30–9:15 (45min.) Main-Hall (Century)	
	Shingo Murakami	Bell’s Palsy and Ramsay Hunt Syndrome: Past, Present and Future Nagoya City University Medical School, Japan <i>Chairperson: Sun O Chang (Sungkyunkwan University, Korea)</i>
Symposium1 Regeneration in Otology		
SY1	March 29 (Tue.) 10:30–12:15 (105min.) Hall-1 (Crystal)	
	<i>Chairpersons: Seung-Ha Oh (Seoul National University, Korea), Haruo Takahashi (Nagasaki University, Japan)</i>	
SY1-1	Yun-Hoon Choung	Latent progenitors cells as potential regulators for tympanic membrane regeneration Department of Otolaryngology, Ajou University School of Medicine, Korea
SY1-2	Chul Ho Jang	A MSCs-laden polycaprolactone/collagen scaffold for bone tissue regeneration (mastoid obliteration) Department of Otolaryngology, Chonnam National University Medical School, Korea
SY1-3	Yong-Ho Park	Possibility of auditory hair cell regeneration Chungnam National University, Korea
SY1-4	Kazuo Ooshima	Stem cells in the inner ear and stem cells to the inner ear Osaka Rosai Hospital, Department of Otolaryngology and Head & Neck Surgery, Japan
SY1-5	Masato Fujioka	Cochlear disease modeling and drug discovery by using human iPSC-based technologies Department of Otolaryngology, Head and Neck Surgery School of Medicine, Keio University, Japan
SY1-6	Hiromi Kojima	The new technology: canal wall up tympanoplasty with transplantation of tissue-engineered cell sheets Department of Oto-Rhino-Laryngology, Jikei University School of Medicine, Japan
Symposium2 Advanced Therapies in Rhinology		
SY2	March 29 (Tue.) 10:30–12:15 (105min.) Hall-2 (Momoyama-A)	
	<i>Chairpersons: Chang-Hoon Kim (Yonsei University, Korea), Yuichi Kurono (Kagoshima University, Japan)</i>	
SY2-1	Seon Tae Kim	Outcome of sublingual immunotherapy in patients with allergic rhinitis sensitive to house dust mites Department of Otolaryngology, Gil Medical Center, School of Medicine, Gachon University, Korea
SY2-2	Shigeharu Fujieda	Eosinophilic Chronic Sinusitis: Diagnosis, Classification and Novel Treatment Department of Otorhinolaryngology – Head & Neck Surgery, University of Fukui, Japan
SY2-3	Chang-Hoon Kim	Navigation-assisted endoscopic sinus surgery in Korea Yonsei University College of Medicine, Korea
SY2-4	Mikiya Asako	The transnasal endoscopic approach for extra-sinus; Advanced Endoscopic Sinus Surgery Kansai Medical University Department of Otolaryngology, Head & Neck Surgery, Japan
SY2-5	Jong Sook Yi	Balloon sinuplasty: Our 1st year experience to Pediatric patients Bundang CHA Medical Center, Korea
SY2-6	Satoru Kodama	Outside-in frontal drill out technique for endoscopic frontal sinus and skull base surgery Department of Otolaryngology, Head and Neck Surgery, Oita University Faculty of Medicine, Japan

Symposium3 Recent Advances in Transoral Surgery (Head and Neck)			
SY3	March 29 (Tue.) 10:30–12:15 (105min.) Hall-3 (Momoyama-B)		
	<i>Chairpersons: Eun Chang Choi (Yonsei University, Korea), Hiroya Kitano (Tottori University, Japan)</i>		
SY3-1	Se-Heon Kim	Recent Advances in Transoral Robotic Surgery (TORS)	Department of Otorhinolaryngology, Yonsei University College of Medicine, Korea
SY3-2	Akihiro Shiotani	Transoral Videolaryngoscopic Surgery (TOVS) for laryngopharyngeal cancers	Department of Otolaryngology-Head and Neck Surgery, National Defense Medical College, Japan
SY3-3	Kang-Dae Lee	Transoral Laser Surgery for Early Glottic Cancer : technique, oncologic and voice outcomes	Department of Otolaryngology-Head and Neck Surgery, Kosin University Gospel Hospital, Korea
SY3-4	Taro Sugimoto	The indication and limit of transoral surgery for laryngo-pharyngeal cancer	Tokyo Medical and Dental University, Department of Head and Neck Surgery, Japan
SY3-5	Young Soo Rho	Surgical treatment and Prognostic aspect of Sinonasal Cancer	Department of Otorhinolaryngology-Head and Neck Surgery, Ilsong Memorial Head and Neck - Thyroid Cancer Hospital, Hallym University Medical Center, Korea
SY3-6	Meijin Nakayama	Transoral surgeries for superficial hypopharyngeal cancers	Kitasato University School of Medicine, Japan
Symposium4 Update in Tinnitus Managements			
SY4	March 29 (Tue.) 15:00–16:45 (105min.) Hall-1 (Crystal)		
	<i>Chairpersons: Moon Suh Park (Kyung Hee University, Korea), Sho Kanzaki (Keio University, Japan)</i>		
SY4-1	Seiichi Shinden	Effects of Hearing Aids for Tinnitus Patients with Sudden Unilateral Sensorineural Hearing Loss	Saiseikai Utsunomiya Hospital ,Japan
SY4-2	Il Woo Lee	Tinnitus Retraining Therapy	Pusan National University ,Korea
SY4-3	Mariko Takahashi	New Grading System of Tinnitus and Medical Management	Department of Otolaryngology, Head and Neck Surgery, Nagoya City University Medical School ,Japan
SY4-4	Shi Nae Park	Myoclinic Tinnitus: Diagnosis and Management Based on 12-year Experience of Tinnitus Clinic	Department of Otorhinolaryngology-Head and Neck Surgery, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea
SY4-5	Jae-Jin Song	New vistas on the diagnosis and management of vascular tinnitus	Department of Otorhinolaryngology-Head and Neck Surgery, Seoul National University Bundang Hospital, Korea
SY4-6	Masafumi Nakagawa	Importance of Systemic examinations and Follow-up counseling.	IUHW Hospital ,Japan
Symposium5 Advanced Technologies in Middle Ear and Cochlear Implants			
SY5	March 29 (Tue.) 15:00–16:45 (105min.) Hall-2 (Momoyama-A)		
	<i>Chairpersons: Sang Won Yeo (The Catholic University of Korea), Katsumi Doi (Kinki University, Japan)</i>		
SY5-1	Hong Ju Park	Bone-conduction devices: Current status and functional gains by preoperative test-band	Asan Medical Center, University of Ulsan College of Medicine ,Korea
SY5-2	Jae Young Choi	Benefit of the Bimodal Hearing Rehabilitation in the Vibrant Soundbridge Device Implantees	Yonsei University College of Medicine, Korea
SY5-3	Satoshi Iwasaki	Middle ear implant (Vibrant Soundbridge) with round window approach in Japan clinical study	Department of Otolaryngology, International University of Health and Welfare Mita Hospital, Japan
SY5-4	Lee-Suk Kim	Outcome of cochlear implantation in children with cochlear nerve deficiency	Dept. of Otolaryngology, College of Medicine, Dong-A University ,Korea
SY5-5	Hiroaki Sato	Electric-acoustic stimulation in children	Department of Otolaryngology-Head & Neck Surgery, Iwate Medical University ,Japan
SY5-6	Tatsuya Yamasoba	MPC polymer for hearing preservation in CI	University of Tokyo ,Japan

Symposium6 Genetics in Otolaryngology			
SY6	March 29 (Tue.) 15:00–16:30 (90min.) Hall-3 (Momoyama-B)		
	<i>Chairpersons: Heung-Man Lee (Korea University), Shin-ichi Usami (Shinshu University, Japan)</i>		
SY6-1	Eun Jin Son	Investigation of inner ear development in genetic hearing loss	Department of Otorhinolaryngology, Yonsei University College of Medicine, Korea
SY6-2	Shin-ichiro Kitajiri	Human Hereditary Deafness : a insight into pathophysiology	Department of Otolaryngology, Kyoto University Hospital ,Japan
SY6-3	Yoshihiro Noguchi	A genetic study of autosomal dominant ossicular chain anomaly	Department of Hearing Implant Sciences, Shinshu University School of Medicine, Japan
SY6-4	Tatsuo Matsunaga	Increasing contribution of genetic tests for hearing loss to patient care	National Institute of Sensory Organs, National Hospital Organization Tokyo Medical Center ,Japan
SY6-5	Byung Yoon Choi	Customized auditory rehabilitation based on genomics	Seoul National University Bundang Hospital, Korea
Symposium7 Rehabilitation in Otolaryngology			
SY7	March 30 (Wed.) 10:15–12:00 (105min.) Hall-1 (Crystal)		
	<i>Chairpersons: Kwang Hyun Kim (Seoul National University, Korea), Hiroshi Hosoi (Nara Medical University, Japan)</i>		
SY7-1	Young Hak Park	Swallowing Rehabilitation After Head & Neck Cancer Treatment	Department otolaryngology head & neck surgery, The Catholic University of Korea
SY7-2	Yukio Katori	Voice rehabilitation for organic and functional dysphonia.	Department of Otolaryngology – Head and Neck Surgery, Tohoku University Graduate School of Medicine, Japan
SY7-3	Kyu-Sung Kim	Role of Vestibular Rehabilitation for BPPV patients	Department of Otolaryngology, College of Medicine, Inha University, Korea
SY7-4	Shin-ichi Iwasaki	Vestibular rehabilitation for vestibular dysfunction	Department of Otolaryngology, Faculty of Medicine, University of Tokyo, Japan
SY7-5	Yang Sun Cho	Acquisition of binaural benefit after surgical correction of congenital aural atesia	Department of ENT, Sungkyunkwan University, Samsung Medical Center, Korea
SY7-6	Kouichi Mori	Rehabilitation of chronic tinnitus: How we do it.	National Rehabilitation Center for the Persons with Disabilities, Japan
Symposium8 Endoscopic Surgery in Otolaryngology			
SY8	March 30 (Wed.) 10:15–12:00 (105min.) Hall-2 (Momoyama-A)		
	<i>Chairpersons: Hwan Jung Roh (Pusan National University, Korea), Seiji Kakehata (Yamagata University, Japan)</i>		
SY8-1	Il Joon Moon	Endoscopic Middle Ear Surgery	Department of Otorhinolaryngology-Head & Neck Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine , Korea
SY8-2	Taisuke Kobayashi	Transcanal Endoscopic Ear Surgery	Kochi Medical School ,Japan
SY8-3	Nobuyoshi Otori	Recent advancement of Endoscopic Surgery in Rhinology	Department of Otorhinolaryngology, Jikei University School of Medicine ,Japan
SY8-4	Jae Hwan Kwon	Endoscopic application of orbital blowout fractures	Dept. of Otolaryngology Head-Neck Surgery, Kosin University College of Medicine, Korea
SY8-5	Tae-Bin Won	Endoscopic Skull base surgery	Seoul National University College of Medicine ,Korea
SY8-6	Kouichi Ohmori	Videoendoscope assisted laryngeal surgery	Department of Otolaryngology-Head and Neck Surgery, Kyoto University, Japan Department of Otolaryngology, Fukushima Medical University, Japan

Symposium9 HPV in Head and Neck Squamous Cell Carcinoma			
SY9	March 30 (Wed.) 9:30–10:45 (75min.) Hall-3 (Momoyama-B)		
	<i>Chairpersons: Jeong Pyo Bong (Yonsei University, Korea), Hidenori Inohara (Osaka University, Japan)</i>		
SY9-1	Yoon Woo Koh	Role of Robotic neck dissection for Oropharyngeal cancer in the HPV era	Yonsei University College of Medicine, Korea
SY9-2	Yuh-Seog Jung	Epidemiology of HPV (+) or (-) oropharyngeal cancers in Korea, and their prognostic characterization using genomic copy number variations	Specific Organs Cancer Branch, Center for Thyroid Cancer, Dept. of Otorhinolaryngology Research Institute & Graduate School of Cancer Science and Policy National Cancer Center, Goyang, Korea
SY9-3	Mikio Suzuki	Clinical importance of HPV testing in advanced oropharyngeal cancer	Department of Otorhinolaryngology, Head and Neck Surgery, University of the Ryukyus, Japan
SY9-4	Masato Fujii	Current and Future Role of Chemoradiation for Oropharyngeal Cancer Based on HPV Status	National Hospital Organization Tokyo Medical Center, Japan
Symposium10 Update in Imaging Techniques			
SY10	March 30 (Wed.) 10:45–12:00 (75min.) Hall-3 (Momoyama-B)		
	<i>Chairpersons: Jun Ho Lee (Seoul National University, Korea), Hiroshi Ogawa (Fukushima Medical University, Japan)</i>		
SY10-1	Jae-Jun Song	The new imaging technology in the otology area	Department of Otorhinolaryngology-Head and Neck Surgery, Korea University College of Medicine
SY10-2	Myung-Whan Suh	Diverse Patterns of Perilymphatic Space Enhancement in the Rat Inner Ear after Intratympanic Injection of Four Different Types of Gadolinium: A 9.4-Tesla Magnetic Resonance Study	Departments of Otorhinolaryngology-Head and Neck Surgery, Seoul National University Hospital, Korea
SY10-3	Tatsunori Sakamoto	Intraoperative use of mobile cone-beam CT	Kyoto University ,Japan
SY10-4	Kouichiro Saito	Clinical applications of cone beam CT for laryngo-tracheal lesions	Kyorin University School of Medicine, Department of Otolaryngology-Head and Neck Surgery, Japan