

## Room 1 (Hitotsubashi Hall)

December 3

9:20 - 9:30

## Opening Remarks

## Symposium 1

9:30 - 10:40

## Cochlear and Middle Ear Implant and Baha

**Chairs:** **Juichi Ito** (*Shiga Medical Center for Adults Research Institute, Shiga, Japan*)  
**Che-Ming Wu** (*Department of Otolaryngology, Chang Gung Memorial Hospital, Chang-Gung University, Taiwan*)

**SY1-1** **3D-CT analysis of FMT position to RWM after VSB surgery - its correlation to the efficacy in sound transmission -**  
*Department of Otolaryngology, Kinki University Faculty of Medicine, Osaka, Japan* Katsumi Doi

**SY1-2** **Electroacoustic Stimulation: Six Years' Experience at University of Miyazaki**  
*University of Miyazaki, Miyazaki, Japan* Tetsuya Tono

**SY1-3** **Baha - Current State in Japan and Our Experiences**  
*Department of Hearing Implant Sciences, Shinshu University School of Medicine, Nagano, Japan* Yoshihiro Noguchi

**SY1-4** **Long-term follow-up outcomes in 423 cases of cochlear implantation in Chang-Gung Memorial Hospital, Linkow branch**  
*Department of Otolaryngology, Chang-Gung Memorial Hospital, Chang-Gung University, Taiwan* Che-Ming Wu

**SY1-5** **Identifying children with poor cochlear implantation outcomes using massively parallel sequencing**  
*Department of Otolaryngology, Taichung Tzu Chi Hospital, Taiwan* Chuan-Jen Hsu

## Symposium 2

10:50 - 12:00

## Geriatric Otolaryngology

**Chairs:** **Hiroshi Takenaka** (*President, Osaka Medical College, Osaka, Japan*)  
**Tien-Chen Liu** (*Department of Otolaryngology, National Taiwan University Hospital, Taiwan*)

**SY2-1** **Cognitive function and hearing in the elderly**  
*Department of Otolaryngology, Aichi Medical University, Aichi, Japan* Yasue Uchida

**SY2-2** **Olfactory impairment in elderly**  
*Department of Otorhinolaryngology, Kanazawa Medical University, Ishikawa, Japan* Takaki Miwa

**SY2-3** **Laryngeal Problems in Advanced Age and Cost-Effective Solutions**  
*National Institute of Sensory Organs, National Tokyo Medical Center, Tokyo, Japan* Koichi Tsunoda

**SY2-4** **Genetic variations in age-related hearing loss**  
*Department of Otolaryngology, National Taiwan University Hospital, Taiwan* Tien-Chen Liu

**SY2-5** **Association and Mechanisms of Obesity and Age-Related Hearing Impairment**  
*Department of Otolaryngology, Dalin Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Chiayi, Taiwan*  
 Juen-Haur Hwang

## Special Lecture 1

13:10 - 13:50

**Chair:** **Chuan-Jen Hsu** (*Department of Otolaryngology, Taichung Tzu Chi Hospital, Taiwan*)

**SL1** **Benefit of genetic testing for cochlear implantation candidates**  
*Department of Otorhinolaryngology, Shinshu University School of Medicine, Nagano, Japan / Department of Hearing Implant Sciences, Shinshu University School of Medicine, Nagano, Japan* Shin-ichi Usami

## Sponsored Lecture

13:55 - 14:55

Sponsored by Medtronic Japan Co., Ltd.

Chair: **Hiromi Kojima** (*Department of Otorhinolaryngology, Jikei University School of Medicine, Tokyo, Japan*)

**SpL Registration strategy for image-guided temporal bone surgery using commercially available navigation system**

*Department of Otorhinolaryngology, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan*

Nozomu Matsumoto

## Symposium 3

14:55 - 16:05

### Nasopharyngeal and Oropharyngeal Cancer

Chairs: **Hidenori Inohara** (*Department of Otorhinolaryngology-Head and Neck Surgery, Osaka University Graduate School of Medicine, Osaka, Japan*)

**Chih-Yen Chien** (*Department of Otolaryngology, Kaohsiung Chang Gung Memorial Hospital, Taiwan*)

**SY3-1 Role of Epstein-barr Virus and Alternating Chemoradiotherapy in Nasopharyngeal Carcinoma**

*Department of Otolaryngology-Head & Neck Surgery, Kanazawa University, Ishikawa, Japan*

Tomokazu Yoshizaki

**SY3-2 p16 expression in oropharyngeal and nasopharyngeal carcinoma**

*Department of Otolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan*

Yuki Saito

**SY3-3 Superselective intra-arterial cisplatin infusion and concomitant radiotherapy for base of tongue cancer**

*Department of Otolaryngology Head and Neck Surgery, Hokkaido University School of Medicine, Hokkaido, Japan*

Akihiro Homma

**SY3-4 The utility of useful markers on the detection and management of nasopharyngeal carcinoma**

*Chang Gung Memorial Hospital & Chang Gung University, Taiwan*

Kai-Ping Chang

**SY3-5 Management of p16 negative advanced tonsil cancer, primary surgery or primary radiation?**

*Department of Otolaryngology, Kaohsiung Chang Gung Memorial Hospital, Taiwan / President, Taiwan Head and Neck Society, Taiwan*

Chih-Yen Chien

**SY3-6 Salvage Nasopharyngectomy for rNPC**

*Department of Otolaryngology Head and Neck Surgery, Shin Kong Wu Ho-Su Memorial Hospital, Taiwan / Asian Society of Head and Neck Oncology, Taiwan / Asia-Oceania Association of Oto-Rhino-Laryngological Societies, Taiwan / School of Medicine, Fu-Jen University, Taiwan*

Sheng-Po Hao

**Symposium 4**

16:05 - 17:15

**Skull Base Surgery**

**Chairs:** **Sugata Takahashi** (*Niigata University, Niigata, Japan*)  
**Mu-Kuan Chen** (*Department of Otorhinolaryngology-Head and Neck Surgery, Changhua Christian Hospital, Taiwan*)

**SY4-1** **Surgical Management of Acoustic Neuroma - strategy and outcomes of functional preservation of facial nerve and hearing -**  
*Department of Neuro-otolaryngology, Nagoya City University Graduate School of Medical Sciences, Aichi, Japan*  
 Shingo Murakami

**SY4-2** **Strategy, Surgical Procedure and Outcomes of Subtotal Temporal Bone Resection for Advanced Temporal Bone Cancers**  
*Department of Otorhinolaryngology, Fukuoka University School of Medicine, Fukuoka, Japan*  
 Takashi Nakagawa

**SY4-3** **Complications and treatments for facial palsy in the lateral skull base surgery**  
*Department of Otolaryngology, Tokyo Medical and Dental University, Tokyo, Japan*  
 Atsunobu Tsunoda

**SY4-4** **Endoscopic Skull Base Surgery- an Otolaryngologist's Perspective**  
*Department of Otorhinolaryngology-Head and Neck Surgery, Changhua Christian Hospital, Taiwan*  
 Mu-Kuan Chen

**SY4-5** **Lateral Skull Base Surgery in Taipei Veterans General Hospital**  
*Department of Otolaryngology Head Neck Surgery, Taipei Veterans General Hospital, Taiwan*  
 Mao-Che Wang

**Evening Seminar 1**

17:30 - 18:20

Sponsored by Sanofi K.K.

**Chair:** **Toshio Yoshihara** (*Department of Otorhinolaryngology, Tokyo Women's Medical University, Tokyo, Japan*)

**ES1** **Role of Innate Immunity in the Pathogenesis of Allergic and Eosinophilic Chronic Rhinosinusitis**  
*Department of Otorhinolaryngology, Shiga University of Medical Science, Shiga, Japan*  
 Takeshi Shimizu

**Keynote Lecture**

18:20 - 18:50

**Chair:** **Tzu-Yu Hsiao** (*Department of Otolaryngology, College of Medicine, National Taiwan University Hospital, Taiwan*)

**KL** **Historical Development of Japan-Taiwan Otolaryngology-Head and Neck Surgery— Medicine, Culture and Friendship—**  
*Professor Emeritus, the University of Tokyo, Tokyo, Japan / National Institute of Sensory Organs, National Tokyo Medical Center / International University of Health and Welfare, Director, Center for Speech and Hearing Disorders*  
 Kimitaka Kaga

18:50 - 19:00

**SPIO Award Ceremony**

## Room 2 (Conference Room 3, 4)

December 3

### Symposium 5

9:30 - 10:40

#### Laryngeal and Hypopharyngeal Cancer

**Chairs:** **Ken-ichi Nibu** (*Department of Otolaryngology-Head and Neck Surgery, Kobe University Graduate School of Medicine, Hyogo, Japan*)  
**Pen-Yuan Chu** (*Department of Otolaryngology and Head and Neck Surgery, Taipei Veterans General Hospital, National Yang-Ming University, Taiwan*)

**SY5-1 Hypopharyngeal cancer in the elderly**

*Department of Head & Neck Surgery, International Medical Center, Saitama Medical University, Saitama, Japan*

Masashi Sugasawa

**SY5-2 Transoral Videolaryngoscopic Surgery (TOVS) - A Novel Endoscopic Surgery for Laryngopharyngeal Cancers**

*Department of Otolaryngology-Head and Neck Surgery, National Defense Medical College, Saitama, Japan*

Akihiro Shiotani

**SY5-3 Endoscopic laryngo-pharyngeal surgery and transoral robotic surgery in Japan**

*Department of Otolaryngology-Head and Neck Surgery, Kyoto University, Kyoto, Japan*

Ichiro Tateya

**SY5-4 Screening of esophageal cancer in newly diagnosed primary hypopharyngeal cancer patients with a significant survival benefit**

*Department of Otolaryngology, National Taiwan University Hospital, Taiwan*

Cheng-Ping Wang

**SY5-5 Surgical Techniques to Improve Voice Outcomes in Glottic Cancer Patients Underwent Transoral Laser Microsurgery**

*Department of Otolaryngology-Head and Neck Surgery, Taipei Veterans General Hospital, Taiwan / National Yang-Ming University, Taipei, Taiwan*

Pen-Yuan Chu

### Symposium 6

10:50 - 12:00

#### Salivary Gland

**Chairs:** **Toshio Yoshihara** (*Tokyo Women's Medical University, Tokyo, Japan*)  
**Tsung-Lin Yang** (*Department of Otolaryngology National Taiwan University Hospital, Taiwan*)

**SY6-1 Evaluation and management for parotid gland tumors**

*Department of Otolaryngology, Head & Neck Surgery, Osaka Medical College, Osaka, Japan*

Ryo Kawata

**SY6-2 Sialendoscopy: treatment and effects beyond sialolithiasis**

*Department of Otolaryngology-Head and Neck Surgery, Chang-Gung Memorial Hospital, Linkou, Taiwan*

Li-Jen Hsin

**SY6-3 Recent Advances in IgG4-related sialadenitis**

*Sapporo Medical University School of Medicine, Hokkaido, Japan*

Kenichi Takano

**SY6-4 Robotic surgery for the salivary gland tumors**

*Department of Otolaryngology, National Taiwan University Hospital, Taiwan*

Tsung-Lin Yang

### Luncheon Seminar 1

12:10 - 13:00

#### Philosophy of MED-EL

Sponsored by MED-EL Japan Co., Ltd.

**Chair:** **Kozo Kumakawa** (*Adviser, Hearing Center, Toranomon Hospital, Tokyo, Japan*)

**LS1-1** *Head of Education and Training, MED-EL Headquarters, Innsbruck, Austria*

Melissa Waller

**LS1-2** *Head of Clinical Support, MED-EL Headquarters, Innsbruck, Austria*

Florian Feichtner

## Paper 1

13:55 - 14:55

## Head and Neck 1

- Chairs:** **Hiroyoshi Iguchi** (*Department of Otolaryngology and Head & Neck Surgery, Osaka City University Graduate School of Medicine, Osaka, Japan*)  
**Li-Jen Hsin** (*Department of Otolaryngology-Head and Neck Surgery, Chang-Gung Memorial Hospital, Taiwan*)
- O01-1** **Anti-IgE therapy to Kimura's disease**  
*Department of Otorhinolaryngology, Tokyo Women's Medical University, Japan* Eri Sakitani
- O01-2** **Sialoendoscopy Experience In Taiwan**  
*MacKay Memorial Hospital Taipei, Taiwan* Chin-Hui Su
- O01-3** **Is the ultrasound alone adequate for pre-operative detection and evaluation of parotid tumor?**  
*Buddhist Tzuchi General Hospital, Taichung Branch, Taichung, Taiwan* Chung-Hui Yeh
- O01-4** **Kikuchi-Fujimoto disease; evaluation of the prognostic factors and analysis of the pathologic findings**  
*Okayama University Graduate School of Medicine, Japan* Yori-hisa Orita
- O01-5** **An ulcerating Warthin's tumor that resulted with a formulation of a granulation tissue**  
*Tokyo Women's Medical University, Japan* Emiri Sato
- O01-6** **Basaloid squamous cell carcinoma arising in inverted papilloma in the nasal cavity**  
*Department of Otolaryngology, Head and Neck Surgery, Tottori University Faculty of Medicine, Japan* Satoshi Koyama

## Symposium 7

14:55 - 16:05

## Middle Ear and Facial Nerve

- Chairs:** **Haruo Takahashi** (*Department of ORL-HNS, Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan*)  
**An-Suey Shiao** (*Department of Otolaryngology-Head & Neck Surgery, Taipei Veterans General Hospital, Taipei, Taiwan*)
- SY7-1** **The new technology: Canal wall up tympanoplasty with transplantation of tissue-engineered cell sheets**  
*Department of Otorhinolaryngology, Jikei University of Medicine, Tokyo, Japan* Hiromi Kojima
- SY7-2** **Facial nerve regeneration surgery using bFGF-gelatin hydrogel in patients with severe Bell's palsy**  
*Department of Otolaryngology, Ehime University School of Medicine, Ehime, Japan* Naohito Hato
- SY7-3** **Fallopian canal dehiscence in pediatric cholesteatoma**  
*Tokyo-kita Medical Center, Tokyo, Japan / Jichi Medical University Saitama Medical Center, Saitama, Japan* Yukiko Iino
- SY7-4** **Feasibility of Transcanal Endoscopic Ear Surgery to Access Cholesteatoma in the Tympanic Sinus by Depth Classification**  
*Department of Otolaryngology, Head and Neck Surgery, Yamagata University Faculty of Medicine, Yamagata, Japan* Seiji Kakehata
- SY7-5** **Nontuberculous Mycobacterial Otomastoiditis**  
*Department of Otolaryngology-Head & Neck Surgery, Taipei Veterans General Hospital, Taipei, Taiwan* An-Suey Shiao
- SY7-6** **Intraoperative continuous facial nerve monitoring in cochlear implant and middle ear surgery**  
*Department of Otolaryngology, Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Taiwan* Chung-Feng Hwang

## Symposium 8

16:05 - 17:15

### Basic Science of Otology and Neurotology

**Chairs:** **Kaoru Ogawa** (*Department of Otolaryngology-Head & Neck Surgery, Keio University School of Medicine, Tokyo, Japan*)  
**Ting-Hua Yang** (*Department of Otolaryngology, National Taiwan University Hospital, Taiwan*)

**SY8-1** **Translating back and forth in between benchside and bedside by hiPS based-technology and a primate model**

*Department of Otorhinolaryngology-HNS, Keio University School of Medicine, Tokyo, Japan*

Masato Fujioka

**SY8-2** **Maintenance of Cochlear Tight Junction System by Tricellulin**

*Department of Otolaryngology-Head and Neck Surgery, Kyoto Prefectural University of Medicine, Kyoto, Japan*

Hirofumi Sakaguchi

**SY8-3** **Regulation of cytoskeleton in hair cells by TRIOBP**

*Department of Otolaryngology-Head and Neck Surgery, Graduate School of Medicine Kyoto University, Kyoto, Japan*

Shin-ichiro Kitajiri

**SY8-4** **Explore inner ear disorders in humans and mice using next-generation sequencing**

*Department of Otolaryngology, National Taiwan University Hospital, Taiwan*

Chen-Chi Wu

**SY8-5** **The clinical significance of assembled inner ear tests in the animal model**

*Department of Otolaryngology, National Taiwan University Hospital, Taiwan*

Ting-Hua Yang

## Evening Seminar 2

17:30 - 18:20

Sponsored by MakiChie CO., LTD

**Chair:** **Koichi Omori** (*Fukushima Medical University, Fukushima, Japan*)

**ES2** **Pathophysiology of Meniere's disease: Does endolymphatic hydrops cause Meniere's attack?**

*Department of Otolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan*

Akinobu Kakigi

## Room 3 (Conference Room 1, 2)

December 3

## Paper 2

9:30 - 10:40

## Otology 1

**Chairs:** **Noriaki Takeda** (*Department of Otolaryngology, University of Tokushima School of Medicine, Tokushima, Japan*)  
**Pa-Chun Wang** (*Department of Otolaryngology, Cathay General Hospital and Fu-Jen Catholic University School of Medicine, Taipei, Taiwan*)

**O02-1 Clinical Analysis of Five Patients Suspected to have Superior Canal Dehiscence Syndrome**  
*Department of Otorhinolaryngology, Toho University Sakura Medical Center, Japan* Taro Takanami

**O02-2 Superior Semicircular Canal Dehiscence Syndrome: Case Report**  
*Department of Otolaryngology-Head & Neck Surgery, Cathay General Hospital, Taipei, Taiwan* Yung-Ting Chen

**O02-3 Can Presbystasis be cured?**  
*Department of Otolaryngology-Head and Neck Surgery, Nihon University School of Medicine, Japan*  
 Yasuyuki Nomura

**O02-4 No association between plasma adiponectin levels and central auditory function in adults**  
*Department of Otolaryngology, Dalin Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Taiwan*  
 Juen-Haur Hwang

**O02-5 Inner Ear Deficits in Irradiated Nasopharyngeal Carcinoma Survivors**  
*National Taiwan University Hospital, Taiwan* Fan-Hsiang Chi

**O02-6 Evolution of post-irradiated sudden deafness during the past two decades**  
*Department of Otolaryngology, Far Eastern Memorial Hospital, Taipei, Taiwan* Tsung-Yi Cho

**O02-7 Development of A Mobile Phone-based Otitis Media Auto-Diagnostic System (MP-OMADx)**  
*Department of Otolaryngology, Cathay General Hospital, Taipei, Taiwan* Pa-Chun Wang

## Paper 3

10:50 - 12:00

## Otology 2

**Chairs:** **Makoto Ito** (*Department of Pediatric Otolaryngology, Jichi Children's Medical Center Tochigi, Jichi Medical University, Tochigi, Japan*)  
**Chung-Feng Hwang** (*Department of Otolaryngology, Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Kaohsiung, Taiwan*)

**O03-1 A novel approach for treatment of congenital cholestatoma using a semiconductor laser**  
*Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Japan* Kazunori Nishizaki

**O03-2 Preservation of chorda tympani nerve in cholesteatoma surgery - Is "sacrificing" the nerve still appropriate?**  
*Department of Otolaryngology, Teikyo University, Japan* Ken Ito

**O03-3 The efficacy of color mapped fusion images together with a T1 weighted image in the postoperative follow-up evaluation for residual cholesteatomas**  
*Department of Otolaryngology, Head and Neck Surgery, Yamagata University Faculty of Medicine, Japan*  
 Tomoo Watanabe

**O03-4 Clinical findings of the congenital cholesteatoma: focusing on Patsic stage III prognosis**  
*Department of Otorhinolaryngology, Mitsui Memorial Hospital, Tokyo, Japan* Shigeo Takenouchi

**O03-5 Management of intractable petrous apex cholesteatoma combined trans labyrinthine-sphenoidal approach**  
*Department of Otorhinolaryngology, Jikei University School of Medicine, Tokyo, Japan* Tsunetaro Morino

**O03-6 Endoscopic Trans-Canal Management of Pediatric Congenital Cholesteatoma**  
*Department of Otorhinolaryngology, Cathay General Hospital, Taipei, Taiwan* Tzu-Chin Huang

**O03-7 Lateral attic cholesteatoma with intact ossicular chain: long-term safety of limited atticotomy with ossicular chain preservation**  
*Hsinchu Armed Forces Hospital, Taiwan* Chin-Lung Kuo

## Luncheon Seminar 2

12:10 - 13:00

Sponsored by ANIMA Corp.

**Chair:** Ken Kitamura (*Professor Emeritus, Tokyo Medical and Dental University, Tokyo, Japan*)

**LS2 Probing Vestibular Function from Postural Stability**

*Department of Otolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan* Shinichi Iwasaki

## Paper 4

13:55 - 14:55

### Rhinology 1

**Chairs:** Katsuhiko Hirakawa (*Department of Otolaryngology, Faculty of Medicine, Hiroshima University, Hiroshima, Japan*)  
Ching-Yin Ho (*Department of Otolaryngology, School of Medicine, National Yang-Ming University and Taipei Veterans General Hospital, Taiwan*)

**O04-1 Real-time Ultrasonography Imaging during Nasal Endoscopic Transsphenoidal Surgery**

*Department of Otorhinolaryngology, Toho University Sakura Medical Center, Japan* Yasushi Ota

**O04-2 Clinical study of 56 cases of sinonasal inverted papilloma**

*Department of Otorhinolaryngology, Juntendo University Faculty of Medicine, Japan* Shin Ito

**O04-3 Invasive Nasal Septal Aspergillosis**

*Department of Otolaryngology, Head and Neck Surgery, Kaohsiung Veterans General Hospital, Taiwan / Department of Otolaryngology-Head and Neck Surgery, National Defense Medical Centre and Tri-Service General Hospital, Taiwan*  
Yunying She

**O04-4 An unexpected route for otolaryngology bacterial contamination with a Venturi atomizer**

*Department of Otolaryngology, Taipei Medical University Hospital, Taipei, Taiwan* Mike Te-Ming Tseng

**O04-5 Ethnic Variation in Paranasal Sinus Anatomy**

*Department of Otorhinolaryngology, Guy's and St Thomas' NHS Foundation Trust, London, UK* Andrew Wesley Hoey

**O04-6 Nasal Plasmid Flt3 Ligand And CpG ODN Alone Enhances Immediate, Influenza Virus-Specific Recall Secretory IgA Ab Responses**

*Department of Otolaryngology, Head and Neck Surgery Kagoshima University Graduate School, Japan* Junichiro Ohori



## Paper 5

14:55 - 16:05

## Laryngology 1

**Chairs:** Eiji Yumoto (*Department of Otolaryngology-Head and Neck Surgery, Kumamoto University, Graduate School of Medicine, Kumamoto, Japan*)

Wei-Chung Hsu (*Department of Otolaryngology, National Taiwan University Hospital, Taipei, Taiwan*)

**O05-1 The contribution of the retrotrapezoid nucleus/parafacial respiratory group to the regulation of coughing and swallowing in guinea pigs**

*Department of Otolaryngology-Head and Neck Surgery, Kyoto Prefectural University of Medicine, Japan*

Yoichiro Sugiyama

**O05-2 PEAK Plasma Blade as one of the choices for excision of distal tracheal obstructive granulation in patients following tracheostomy**

*Division of Laryngology, Department of Otolaryngology - Head and Neck Surgery, Chang Gung Memorial Hospital, Linkou Medical Center, Yaoyuan, Taiwan*

Wanni Lin

**O05-3 Preliminary Experiences in Trachea Scaffold Tissue Engineering with Whole Organ Decellularization**

*Taipei Medical University Hospital, Taipei, Taiwan / Taipei Medical University, Taipei, Taiwan*

Shih-Han Hung

**O05-4 Evaluation of Outcomes after Endoscopic Management of Paediatric Subglottic Stenosis**

*St George's Hospital, London, UK*

Samantha Goh

**O05-5 Postoperative swallowing and survival in multiple system atrophy**

*Department of Otolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan*

Rumi Ueha

**O05-6 The results of Kaplan-Meier and multivariate analyses of etiological factors related to the outcome of combined pharmacological therapy against laryngeal granuloma**

*Department of Otorhinolaryngology-Head & Neck Surgery, Osaka University Graduate School of Medicine, Japan*

Makoto Ogawa

**O05-7 How to make a permanent tracheostoma to prevent postoperative complications**

*Department of Head and Neck Oncology, National Cancer Center Hospital, Tokyo, Japan*

Seiichi Yoshimoto

## Paper 6

16:05 - 17:15

## Oral Cavity

**Chairs:** Kensei Naito (*Department of Otolaryngology, Fujita Health University, School of Medicine, Aichi, Japan*)

Hsueh-Yu Li (*Department of Otolaryngology, Chang Gung Memorial Hospital Chang Gung University, Taiwan*)

**O06-1 How to trim uvula undergoing uvulopalatopharyngoplasty for sleep apnea patients**

*Department of Otolaryngology and Good Sleep Center, Nagoya City University, Japan*

Meiho Nakayama

**O06-2 Carotid intima-media thickness measurement for cardiovascular risk assessment in obstructive sleep apnea and post neck radiation**

*Department of Otolaryngology, Far Eastern Memorial Hospital, Taipei, Taiwan*

Li-Jen Liao

**O06-3 Positional therapy for treatment of snoring in non-obese patients with positional obstructive sleep apnea syndrome**

*Department of Otorhinolaryngology-Head and Neck Surgery, Linkou-Chang Gung Memorial Hospital, Taiwan / Faculty of Medicine, Collegy of Medicine, Chung Gung University, Taiwan*

Li-Ang Lee

**O06-4 Assessing the Standard of Practice in Performance of Tonsillectomies at a Central London Teaching Hospital**

*Department of Otorhinolaryngology, Guy's and St Thomas' NHS Foundation Trust, London, UK* Andrew Wesley Hoey

**O06-5 Analysis of regional post-tonsillectomy bleed data and evaluation of a newly introduced tonsillectomy operation record: A quality improvement project at the Northwest London Hospitals**

*ENT Department, Northwick Park Hospital, Harrow, UK / The Royal National Throat Nose and Ear Hospital, London, UK*

Rohan Hasamukh Vithlani

**O06-6 Deglutition and Respiratory Patterns During Sleep in the Aged**

*Department of Otolaryngology-Head and Neck Surgery, Kurume University, Japan*

Kiminori Sato

**O06-7 Drug-induced sleep CT scan for obstructive sleep apnea patients**

*Department of Otolaryngology, Chang Gung Memorial Hospital, Taiwan*

Hsueh Yu Li

## Posters (Conference Room 101-103)

December 3

Poster

16:05 - 17:05

### Head and Neck 1

- P01 High Level of Plasma EGFL6 Is Associated with Clinicopathological Characteristics in Patients with Oral Squamous Cell Carcinoma**  
*School of Medicine, Chung Shan Medical University, Taichung, Taiwan / Department of Otolaryngology, Chung Shan Medical University Hospital, Taichung, Taiwan* Chun-Yi Chuang
- P02 Surgical treatment of substernal goiter: An analysis of 41 secondary mediastinal goiters and 1 primary mediastinal goiter**  
*Department of Otolaryngology-Head and Neck Surgery of the Tokyo Metropolitan Tama Medical Center, Japan* Muneo Nakaya
- P03 Treatment of cervical tuberculous lymphadenitis - An analysis of 19 cases**  
*Department of Otorhinolaryngology, Tokyo Metropolitan Tama Medical Center, Tokyo, Japan* Sayaka Omura
- P04 Hybrid carcinoma of the parotid gland: a case report (epithelial-myoepithelial carcinoma and squamous cell carcinoma)**  
*Department of Otolaryngology, Ehime University, School of Medicine, Japan / Department of Otolaryngology, Steel Memorial Hirohata Hospital, Japan* Jumpei Nota
- P05 Suppression of SESN1 depresses cisplatin and hyperthermia resistance in human maxillary cancer cells**  
*Department of Otorhinolaryngology Head and Neck Surgery, Faculty of Medical Sciences, University of Fukui, Fukui, Japan* Yumi Ito
- P06 A Case of Primary Submandibular Gland Oncocytic Carcinoma**  
*Department of Otorhinolaryngology, Tokyo Medical University, Japan* Kunihiko Tokashiki
- P07 Interstitial Lung Disease associated with Cetuximab for Patients with Head and Neck Carcinoma: A single-institution experience in Japan**  
*Department of Otorhinolaryngology, Tokyo Medical University, Japan* Hiroki Sato
- P08 Pilomatricoma of the Neck -Case Report**  
*Department of Otolaryngology, Tainan Municipal Hospital, Taiwan* Tengchin Wang
- P09 Identification of nonrecurrent laryngeal nerve by intraoperative NIM nerve monitoring systems**  
*Department of Otolaryngology and Head and Neck Surgery, Shuang Ho Hospital, New Taipei City, Taiwan* I-Ti Wu
- P10 Regulation of Tumor Progression via the Snail-RKIP Signaling Pathway by Nicotine Exposure in Head and Neck Squamous Cell Carcinoma**  
*Department of Otolaryngology-Head and Neck Surgery, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan* YaohShiang Lin
- P11 Adenoid Cystic Carcinoma of the Nasal Cavity-Case Report**  
*Far Eastern Memorial Hospital, Taiwan* Chun-Wei Chang
- P12 Swallowing outcomes following primary surgical resection and primary free flap reconstruction for oral and oropharyngeal squamous cell carcinomas: A systematic review**  
*Department of ENT Head and Neck Surgery, Flinders Medical Centre, Australia* Stephen Shih-Teng Kao
- P13 Transoral videolaryngoscopic surgery (TOVS) with a navigation system for excision of a metastatic retropharyngeal lymph node: report of two cases**  
*Department of Otolaryngology-Head and Neck Surgery, National Defense Medical College, Saitama, Japan* Yuya Tanaka
- P14 Surgical management of Eagle's syndrome: An approach to shooting craniofacial pain**  
*Department of Otolaryngology Head and Neck Surgery, Kumamoto University Graduate School of Medicine, Kumamoto, Japan* Yoshihiko Kumai

## Poster

16:05 - 17:05

## Otology 1

- P15 Otitis Media in Fiji: Prospective Surveillance 2015**  
*Department of Otolaryngology, Cathay General Hospital, Taipei, Taiwan* Te-Yung Fang
- P16 Use of the apparent diffusion coefficient of conventional echo-planar imaging to differentiate between cholesteatomas and abscesses of the temporal bone**  
*Department of Otorhinolaryngology, Japanese Red Cross Medical Center, Japan* Hiroko Monobe
- P17 Comparison of CT findings and the postoperative outcomes on Japanese otosclerosis patients**  
*Department of Otorhinolaryngology, Jikei University School of Medicine, Japan* Kazuhisa Yamamoto
- P18 Surgical technique for reduction of complication rate in cochlear implantation**  
*Department of Otolaryngology, Toranomon Hospital, Tokyo, Japan* Hidehiko Takeda
- P19 Meatoplasty of congenital aural atresia and stenosis without microtia; a report of 3 cases, 4 ears**  
*Department of Otolaryngology, National Hospital Organization Tokyo Medical Center, Tokyo, Japan* Takeshi Wakabayashi
- P20 A Kinect-based Fall Detection System for Patients with Vestibular Dysfunction**  
*Department of Computer Science and Information Engineering, National Central University, Taiwan* Mu-Chun Su
- P21 Age-related changes in caloric response**  
*Department of Otorhinolaryngology, Toho University Sakura Medical Center, Japan* Toshitake Tanaka
- P22 Persistent stapedia artery with stapes ankylosis**  
*Department of Otolaryngology-Head and Neck Surgery, Kanazawa University Graduate School of Medical Science, Ishikawa, Japan* Hisashi Sugimoto
- P23 Features of audiogram configuration in multiple-system atrophy C and cortical cerebellar atrophy**  
*Department of Otolaryngology - Head and Neck Surgery, Okayama University Graduate School of Medicine, Japan* Ryotaro Omichi
- P24 Anatomical Variations of the Supratubal Recess: A Cone-Beam CT Study**  
*Department of Otolaryngology-Head and Neck Surgery, Faculty of Medicine, University of Miyazaki, Japan* Yusuke Yamada
- P25 Standardized Facial Nerve Monitoring for Early Localization and Identification of Facial Nerve during Cochlear Implantation Surgery**  
*Department of Otolaryngology, Cheng Hsin General Hospital, Taipei, Taiwan* Edward Kung-Pai Jeng

## Poster

16:05 - 17:05

## Laryngology 1

- P26 Two cases of partial laryngeal paralysis after tracheal intubation**  
*Department of Otolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan* Takao Goto
- P27 Melanocytic tumor with uncertain malignant potential of hypopharynx- a case report**  
*Department of Otolaryngology, Taipei Medical University Hospital, Taipei, Taiwan* Lung-Che Chen
- P28 The effect of CC10 on endotoxin induced inflammation in bronchial epithelial cells**  
*Department of Otolaryngology, School of Medicine, Showa University, Japan* Erika Tokita
- P29 Submucosal elastic laminae of the middle and lower pharynx: a histological study using elderly cadaveric specimens**  
*Department of Otolaryngology-Head and Neck Surgery, Tohoku University Graduate School of Medicine, Japan* Ai Kawamoto Hirano
- P30 An Unusual Side Effect of Olanzapine - Bilateral Vocal Cord Paresis and Dysphagia**  
*St George's Hospital, London, UK* Samantha Goh
- P31 A case of mucosa-associated lymphoid tissue lymphoma of the larynx presenting with chronic cough: a case report and literature review**  
*Department of Otolaryngology and Head and Neck Surgery, Chang Gung Memorial Hospital, Taiwan* I-Chun Kuo

Poster

16:05 - 17:05

Rhinology 1

- P32 Two cases of glomangiopericytoma in nasal cavity**  
*Department of Otorhinolaryngology, Kanazawa Medical University, Japan* Masayuki Harita
- P33 Endoscopic Vasculized Nasoseptal Flap Repair of Anterior Skull Base Meningocele**  
*Department of Otorhinolaryngology, Kanazawa Medical University, Japan* Yukari Nakamura
- P34 Caloric Restriction in Mice Reduces Basal Cell Proliferation and Neuroepithelial Regeneration Following Olfactotoxic Mucosal Damage**  
*Department of Otolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan* Hitoshi Iwamura
- P35 Nasal septal abscesses. Report of three cases**  
*Department of Otolaryngology, Tokyo Metropolitan Bokutoh Hospital, Japan* Megumi Koizumi
- P36 Evidence for filaggrin expression in the human nasal mucosa**  
*Department of Otorhinolaryngology, Juntendo University Faculty of Medicine, Tokyo, Japan / Atopy (Allergy) Research Center, Juntendo University School of Medicine, Tokyo, Japan* Masahiro Nakamura
- P37 The effects of menthol on isolated human nasal mucosa**  
*Department of Otolaryngology, Shuang Ho Hospital, Taipei Medical University, Taiwan* Hsing-Won Wang
- P38 Anosmia as the initial presentation of olfactory meningioma-Case report**  
*Department of Otolaryngology, Tainan Municipal Hospital, Taiwan* Tengchin Wang
- P39 Endoscopic sinus surgery with powerful instruments in treating difficult cases of post-operative maxillary cyst**  
*Department of Otolaryngology, St. Martin De Porres Hospital, Taiwan* Ying-Chou Lu
- P40 Narrow-band-ultraviolet-B-irradiation suppresses phorbol ester-induced up-regulation of histamine H1 receptor mRNA in HeLa cells without induction of apoptosis**  
*Department of Otolaryngology, University of Tokushima Graduate School, Japan* Tatsuya Fujii
- P41 Rhinologyfiberscopic Removal of a Displaced Dental Implant in Right Maxillary Sinus - Case Report**  
*Department of Otolaryngology, Taipei Medical University-Wanfang Hospital, Taipei, Taiwan* Sheng-Po Yuan
- P42 Idiopathic bilateral antral exostoses: A rare case in maxillary sinus**  
*Department of Otolaryngology, Tainan Municipal Hospital, Taiwan* Tengchin Wang

Poster

16:05 - 17:05

Other 1

- P43 A case report: IgG4-related rhinosinusitis preceded appearance of the Mikulicz's disease**  
*Division of Otorhinolaryngology, Shinseikai Toyama Hospital, Japan / Division of Otorhinolaryngology, Head and Neck Surgery, University of Fukui, Japan* Yukihiro Kimura
- P44 A study of Facial Nerve Neurinoma**  
*Department of Otorhinolaryngology, Tokyo Metropolitan Police Hospital, Tokyo, Japan* Kazuhiro Takahashi
- P45 Nasal Tip Plasty Using Complete Autologous Cartilages - Case Report**  
*Medical Aesthetic Center, Evergreen General Hospital, Taiwan* Chih-Hsien Wu
- P46 Geriatric Otolaryngologic Emergencies at a Teaching Hospital in Taiwan**  
*Department of Otolaryngology, Kaohsiung Armed Forces General Hospital, Kaohsiung, Taiwan / Department of Otolaryngology, Taoyuan Armed Forces General Hospital, Taoyuan, Taiwan* Tzu Hang Chi

**Exhibition Hall (Conference Room 101-103)**

December 3

**Hands-on Seminar**

17:30 - 18:20

Sponsored by NAGASHIMA MEDICAL INSTRUMENTS CO., LTD.

HS

**Laryngopharyngeal Surgery With Innovative Curved Laryngo-pharyngo Scope (Type-S2)**

*Tachikawa Kyosai Hospital, Tokyo, Japan*

Yasuo Satou

## Room 1 (Hitotsubashi Hall)

December 4

### Symposium 9

9:30 - 10:40

#### Laryngology and Dysphagia

**Chairs:** **Koichi Omori** (*Fukushima Medical University, Fukushima, Japan*)  
**Kuo-Sheng Lee** (*Department of Otolaryngology and Head and Neck Surgery, MacKay Memorial Hospital, Taiwan*)

**SY9-1 Future prospects for the laryngeal framework surgery**

*Department of Otolaryngology-Head and Neck Surgery, Kurume University School of Medicine, Fukuoka, Japan*

Hirohito Umeno

**SY9-2 The Usage of Holmium YAG Laser in Pediatric Laryngotracheal Stenosis**

*Department of Otolaryngology and Head and Neck Surgery, MacKay Memorial Hospital, Taiwan / MacKay Medical College, Taiwan*

Kuo-Sheng Lee

**SY9-3 Fetal airway management - EXIT procedure**

*Department of Otolaryngology, National Taiwan University Hospital, Taiwan*

Wei-Chung Hsu

**SY9-4 Simple and semi-quantitative scoring system for flexible endoscopic evaluation of swallowing and its clinical significance**

*Department of Otolaryngology, Kochi Medical School, Kochi, Japan*

Masamitsu Hyodo

**SY9-5 Treatment of dysphagia in patients with head and neck cancer**

*Department of Otolaryngology & Head and Neck Surgery, Tohoku University Graduate School of Medicine, Miyagi, Japan*

Yukio Katori

### Symposium 10

10:50 - 12:00

#### Rhinology

**Chairs:** **Yuichi Kurono** (*Department of Otolaryngology, Faculty of Medicine, Kagoshima University, Kagoshima, Japan*)  
**Te-Huei Yeh** (*Department of Otolaryngology National Taiwan University Hospital, Taiwan*)

**SY10-1 Mucosal route of Immunotherapy with Transgenic rice Seeds expressing Whole T Cell Epitopes of Cryj1 and Cryj2 -an experimental study in a murine cedar pollinosis model-**

*Department of Otorhinolaryngology, Shimane University, Faculty of Medicine, Shimane, Japan*

Hideyuki Kawauchi

**SY10-2 Apolipoprotein A-IV is a new target molecule for allergic rhinitis**

*Department of Otorhinolaryngology-Head & Neck Surgery, University of Fukui, Fukui, Japan*

Shigeharu Fujieda

**SY10-3 Interaction between coagulation and upper airway inflammation**

*Department of Otorhinolaryngology, Shiga University of Medical Science, Shiga, Japan*

Takeshi Shimizu

**SY10-4 Primary ciliary dyskinesia in the Japanese population**

*Department of Otorhinolaryngology-Head and Neck Surgery, Mie University Graduate School of Medicine, Mie, Japan*

Kazuhiko Takeuchi

**SY10-5 Thermal effects in nasal physiology**

*Department of Otolaryngology, School of Medicine, National Yang-Ming University, Taiwan*

Ching-Yin Ho

**SY10-6 Searching 'epimmunome' of sinonasal mucosa**

*Department of Otolaryngology, National Taiwan University Hospital, Taiwan*

Te-Huei Yeh

### Special Lecture 2

13:10 - 13:50

**Chair:** **Mamoru Suzuki** (*President, Tokyo Medical University, Tokyo, Japan*)

**SL2 Potential application of an inner ear test battery to map the affected territory of vestibular disorders**

*Department of Otolaryngology, National Taiwan University Hospital, Taiwan*

Yi-Ho Young

## Paper 7

13:55 - 14:55

## Otolology 3

**Chairs:** **Katsuhisa Ikeda** (*Department of Otorhinolaryngology, Juntendo University Faculty of Medicine, Tokyo, Japan*)  
**Chen-Chi Wu** (*Department of Otolaryngology, National Taiwan University Hospital, Taipei, Taiwan*)

- O07-1 Mechanism of eosinophil infiltration to the inner ear in animal model of eosinophilic otitis media**  
*Department of Otorhinolaryngology, Hirosaki University Graduate School of Medicine, Japan* Naomi Kudo
- O07-2 Protective Effect of Astaxanthin Nano Emulsion in Hair Cells**  
*Department of Otolaryngology, Yamaguchi University Graduate School of Medicine, Japan* Kazuma Sugahara
- O07-3 The sequential changes and cellular death forms of hair cells after transient cochlear ischemia in guinea pigs**  
*Department of Otolaryngology, Head and Neck Surgery, China Medical University Hospital, Taiwan*  
Hsiung-Kwang Chung
- O07-4 An animal model for genetic lineage tracing of supporting cells after hair cell regeneration**  
*Department of Otolology and Laryngology, Harvard Medical School, USA / Eaton-Peabody Laboratory, Massachusetts Eye and Ear Infirmary, USA / Speech and Hearing Bioscience and Technology, Harvard Medical School, USA*  
Yen-Fu Cheng
- O07-5 Mn-SOD affects Noise Induced Hearing Loss**  
*Department of Otolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan* Ayinuer Tuerdi
- O07-6 The effect of G-CSF for promoting regeneration of severed facial nerves in rats**  
*Department of Otolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan* Yoko Fujimaki

## Symposium 11

14:55 - 16:05

## Sensorineural Hearing Loss

- Chairs:** **Akira Hara** (*Faculty of Medicine, University of Tsukuba, Ibaraki, Japan*)  
**Jiunn-Liang Wu** (*Department of Otolaryngology Head and Neck Surgery, National Cheng-Kung University Hospital, Taiwan*)
- SY11-1 Promises and challenges of next generation sequencing in personalized medicine for sensorineural hearing loss**  
*Department of Otolaryngology, National Tokyo Medical Center, Tokyo, Japan* Tatsuo Matsunaga
- SY11-2 Measurement of the vestibular aqueduct in the prediction of developing Meniere's disease from Acute-Low-tone sensorineural hearing loss**  
*Department of Otolaryngology-Head & Neck Surgery, Iwate Medical University, Iwate, Japan* Hiroaki Sato
- SY11-3 Speech discrimination test with mixed noise**  
*Department of Otolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan* Shotaro Karino
- SY11-4 Speech Perception of Children with Bilateral Cochlear Implants**  
*Kanda ENT Clinic, Nagasaki Bell Hearing Center, Nagasaki, Japan / Department of Otolaryngology Head and Neck Surgery, Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan* Yukihiko Kanda
- SY11-5 Effects of Ginkgo Biloba Extract (GBE) on Cochlear Ischemia**  
*Department of Otolaryngology and Head & Neck Surgery, China Medical University Hospital, Taiwan* Chiader Lin
- SY11-6 Effect of Tone Performance on Speech Intelligibility in Mandarin-speaking Cochlear Implanted Children with Profound Sensorineural Hearing Loss**  
*Department of Otolaryngology, College of Medicine, National Cheng Kung University, Tainan, Taiwan* Jiunn-Liang Wu

**Paper 8**

16:15 - 17:25

**Head and Neck 2**

**Chairs:** **Kazuaki Chikamatsu** (*Department of Otolaryngology, Head and Neck Surgery, Gumma University Graduate School of Medicine, Gunma, Japan*)

**Chung-Han Hsin** (*Department of Otolaryngology, Chung Shan Medical University, Taichung, Taiwan*)

**O08-1 NSQIP surgical risk calculator: Actual vs. predicted surgical mortality and morbidity in South Australian tongue cancer patients**

*Department of ENT Head and Neck Surgery, Flinders Medical Centre, Australia*

Stephen Shih-Teng Kao

**O08-2 Symptomatic internal jugular vein occlusions after conservative neck dissections**

*Department of Otolaryngology-Head and Neck Surgery, Tohoku University Graduate School of Medicine, Japan*

Ryo Ishii

**O08-3 Retrospective review of patients who underwent gastrostomies after radical radiotherapy in a tertiary referral unit**

*ENT Department, Northwick Park Hospital, Harrow, UK / Royal National Throat Nose and Ear Hospital, London, UK*

Rohan Hasnukh Vithlani

**O08-4 Superselective intraarterial chemotherapy for the locally advanced lacrimal sac cancer : a report of two cases**

*Juntendo University, Japan*

Shinichi Ohba

**O08-5 The different nature of mucositis between cetuximab-based bioradiotherapy and platinum-based chemoradiotherapy in malignancies of the upper aerodigestive tracts**

*Department of Otolaryngology- Head and Neck Surgery, Hokkaido University Graduate School of Medicine, Japan*

Tomohiro Sakashita

**O08-6 Plate Exposure After Anterolateral Thigh Free-Flap Reconstruction in Head and Neck Cancer Patients With Composite Mandibular Defects**

*Department of Otolaryngology-Head & Neck Surgery, Chang Gung Memorial Hospital, Tao-Yuan, Taiwan*

Catherine Chang

**O08-7 Rhinosinusitis and otitis media with effusion in nasopharyngeal carcinoma patients treated by IMRT**

*Department of Otolaryngology, Chung Shan Medical University Hospital, Taichung, Taiwan*

Chung-Han Hsin

17:30 - 17:40

**Closing Remarks**



## Room 2 (Conference Room 3, 4)

December 4

### Symposium 12

9:30 - 10:40

#### Dizziness and Vestibular Disorder

**Chairs:** **Yasushi Naito** (*Department of Otolaryngology, Kobe City Medical Center General Hospital, Hyogo, Japan*)  
**Hung-Ching Lin** (*Department of Otolaryngology and Head and Neck Surgery, MacKay Memorial Hospital, Taiwan*)

**SY12-1 Somatosensory input influences the vestibule-ocular reflex**  
*Department of Otolaryngology, St. Marianna University School of Medicine, Tokyo, Japan* Izumi Koizuka

**SY12-2 Morphological and functional changes in a new animal model for Meniere's disease**  
*Department of Otolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan* Naoya Egami

**SY12-3 Usefulness of the diuretic induced cervical vestibular evoked myogenic potentials in the patients with the Meniere's disease and delayed endolymphatic hydrops**  
*Department of Otolaryngology, University of Toyama, Toyama, Japan* Hideo Shojaku

**SY12-4 Optimal stimulation mode for obtaining galvanic ocular vestibular-evoked myogenic potentials**  
*Department of Otolaryngology, Far Eastern Memorial Hospital, Taiwan* Po-Wen Cheng

**SY12-5 Horizontal BPPV**  
*Department of Otolaryngology and Head and Neck Surgery, MacKay Memorial Hospital, Taiwan* Hung-Ching Lin

### Symposium 13

10:50 - 12:00

#### Chemoradiotherapy and Targeted Therapy

**Chairs:** **Satoshi Fukuda** (*Department of Otolaryngology and Head & Neck Surgery, Hokkaido University Graduate School of Medicine, Hokkaido, Japan*)  
**Pei-Jen Lou** (*Department of Otolaryngology, National Taiwan University, Taiwan*)

**SY13-1 The role of targeted therapy in the treatment of locally advanced head and neck cancers**  
*Department of Otolaryngology, National Taiwan University, Taiwan* Pei-Jen Lou

**SY13-2 Concurrent use of cetuximab with radiation for oropharyngeal and hypopharyngeal squamous cell carcinomas**  
*Department of Otorhinolaryngology, Chiba University, Chiba, Japan* Yoshitaka Okamoto

**SY13-3 Predictive and prognostic value of metabolic tumor volume in patients with laryngeal carcinoma treated by radiotherapy / concurrent chemoradiotherapy**  
*Department of Otolaryngology Head and Neck Surgery, Yokohama City University Graduate School of Medicine, Kanagawa, Japan* Nobuhiko Oridate

**SY13-4 Multimodality treatment for oropharyngeal cancer based on HPV status**  
*Department of Otorhinolaryngology, National Hospital Organization Tokyo Medical Center, Tokyo, Japan* Masato Fujii

**SY13-5 Comparison of concurrent chemoradiotherapy versus neoadjuvant chemotherapy followed by radiation in patients with advanced nasopharyngeal carcinoma in endemic area: experience of 128 consecutive cases with 5 year follow-up**  
*Department of Otolaryngology, National Cheng Kung University Hospital, Taiwan* Sen-Tien Tsai

### Luncheon Seminar 3

12:10 - 13:00

Sponsored by Merck Serono Co., Ltd.

**Chair:** **Kazuhiko Yokoshima** (*Department of Oto-Rhino-Laryngology, Nippon Medical School, Tokyo, Japan*)

**LS3 Therapeutic strategy with cetuximab for head and neck cancer**  
*Department of Otolaryngology Head and Neck Surgery, Kyoto University, Kyoto, Japan* Shigeru Hirano

**Paper 9**

13:55 - 14:55

**Head and Neck 3**

**Chairs:** **Hiroshi Hoshikawa** (*Department of Otorhinolaryngology-Head and Neck Surgery, Faculty of Medicine, Kagawa University, Kagawa, Japan*)

**Kai-Ping Chang** (*Department of Otolaryngology – Head & Neck Surgery, Chang Gung Memorial Hospital & Chang Gung University, Taipei, Taiwan*)

**O09-1 Treatment outcomes following orbital preservation surgery for cancers with orbital invasion**  
*Head and Neck Oncology, National Cancer Center Hospital, Japan* Kenya Kobayashi

**O09-2 Efficacy of weekly cisplatin chemoradiotherapy for patients with pyriform sinus squamous cell carcinoma**  
*Department of Otolaryngology- Head and Neck Surgery, Hokkaido University Graduate School of Medicine, Japan* Nayuta Tsushima

**O09-3 The distribution of SUVs in light accumulation lesions of the larynx on PET-CT**  
*Kameda General Hospital, Japan* Kazunori Ichikawa

**O09-4 A comparison of oncological outcomes in the treatment of advanced stage oropharyngeal squamous cell carcinoma treated with either chemoradiation or a primary surgical protocol**  
*Department of ENT Head and Neck Surgery, Flinders Medical Centre, Australia* Stephen Shih-Teng Kao

**O09-5 Evaluation of Lymphatic and Vascular Invasion in Relation to Clinicopathological Factors and Treatment Outcome in Oral Cavity Squamous Cell Carcinoma**  
*Department of Otolaryngology-Head & Neck Surgery, Chang Gung Memorial Hospital, Keelung, Taiwan / Department of Otolaryngology-Head & Neck Surgery, Chang Gung Memorial Hospital, Tao-Yuan, Taiwan* Min-Hui Hung

**O09-6 Transoral Videolaryngoscopic Surgery (TOVS) for oropharyngeal cancer –Non-Robotic Transoral Surgery–**  
*Department of Otolaryngology, Tokai University, Kanagawa, Japan* Kenji Okami

**Paper 10**

14:55 - 16:05

**Head and Neck 4**

**Chairs:** **Yasuaki Harabuchi** (*Department of Otolaryngology-Head & Neck Surgery, Asahikawa Medical University, Hokkaido, Japan*)

**Wu-Chia Lo** (*Department of Otolaryngology, Far Eastern Memorial Hospital, Taiwan*)

**O10-1 A prediction model for predicting malignant cervical lymph nodes after neck irradiation**  
*Taiwan Otolaryngology Society, Taiwan* Wu-Chia Lo

**O10-2 Epstein-Barr virus (EBV) encoded microRNA BART7 alters the susceptibility of nasopharyngeal carcinoma to ionizing radiation**  
*Department of Surgery, The University of Hong Kong, Hong Kong* Stanley Thian-Sze Wong

**O10-3 Tumor-suppressive microRNA-451a inhibits cancer cell migration and invasion through targeting ESDN/DCBLD2 in hypopharyngeal squamous cell carcinoma**  
*Department of Otorhinolaryngology/Head and Neck Surgery, Chiba University Graduate School of Medicine, Japan / Department of Functional Genomics, Chiba University Graduate School of Medicine, Japan* Ichiro Fukumoto

**O10-4 Rapid detection of hypopharyngeal cancer using activatable fluorescent probe for dipeptidyl peptidase-4**  
*Department of Otolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan* Masafumi Yoshida

**O10-5 Prognostic role of Regenerating gene-1 (REG-I) in patients with stage IV Head and Neck Squamous Cell Carcinoma**  
*Department of Otorhinolaryngology, Head and Neck Surgery, Akita Graduate School of Medicine, Japan* Mohamed Aboshanif

**O10-6 PBK/TOPK Expression Predicts Prognosis in Head and Neck Cancer**  
*School of Medicine, Chung Shan Medical University, Taichuang, Taiwan / Department of Otorhinolaryngology, Head and Neck Surgery, Jen-Ai Hospital, Taichuang, Taiwan* Chin-Fang Chang

**O10-7 Identification of chemoresistance factors for head and neck carcinoma by analysis with iTRAQ and Microarray**  
*Department of Otorhinolaryngology, Aichi Medical University, Japan* Daisuke Inukai

## Paper 11

16:15 - 17:25

## Rhinology 2

**Chairs:** **Kimihiro Okubo** (*Department of Otolaryngology, Nippon Medical School, Tokyo, Japan*)  
**Chih-Hung Shu** (*Department of Otolaryngology, Taipei Veterans General Hospital, National Yang-Ming University School of Medicine, Taipei, Taiwan*)

- O11-1** **Murine nasal Natural Killer cells in mucosal immunity**  
*Otorhinolaryngology, Japan Red Cross Medical Center, Japan / Department of Mucosal Immunology, The Institute of Medical Science, the University of Tokyo, Tokyo, Japan* Kazunari Okada
- O11-2** **Pathogenicity of memory Th2 cell changes and is linked to stage of allergic rhinitis**  
*Department of Otolaryngology, Head and Neck Surgery, Graduate School of Medicine, Chiba University, Japan / Department of Advanced Allergology of the Airway, Graduate School of Medicine, Chiba University, Japan* Tomohisa Iinuma
- O11-3** **The expression of CST1 in eosinophilic chronic rhinosinusitis**  
*Department of Otorhinolaryngology Head and Neck Surgery, Faculty of Medical Sciences, University of Fukui, Japan* Yukinori Kato
- O11-4** **Serum level of interleukin-21 is elevated in chronic rhinosinusitis**  
*Department of Otolaryngology and Head and Neck Surgery, Shuang Ho Hospital, New Taipei City, Taiwan* I-Ti Wu
- O11-5** **Synergistic action of nectins and cadherins establishes the mosaic cellular pattern of the olfactory epithelium**  
*Division of Molecular and Cellular Biology, Department of Biochemistry and Molecular Biology, Kobe University Graduate School of Medicine, Japan / Department of Otolaryngology-Head and Neck Surgery, Kobe University Graduate School of Medicine, Japan* Sayaka Katsunuma
- O11-6** **The administration of nasal drops in the "Kaiteki" position allows for delivery of the drug to the olfactory cleft: a pilot study in healthy subjects**  
*Department of Otorhinolaryngology, The Jikei University Daisan Hospital, Japan* Monami Nagai
- O11-7** **Investigation of prognostic factors for post-traumatic olfactory dysfunction**  
*Department of Otolaryngology, Taipei Veterans General Hospital, Taiwan / Department of Otolaryngology, National Yang-Ming University, Taiwan* Chih-Hung Shu

## Room 3 (Conference Room 1, 2)

December 4

Paper 12

9:30 - 10:40

### Otology 4

**Chairs:** **Atsushi Matsubara** (*Department of Otolaryngology, Hirosaki Graduate School of Medicine, Aomori, Japan*)  
**Chin-Kuo Chen** (*Department of Otolaryngology, Chang Gung Memorial Hospital, Chang Gung University, Taipei, Taiwan*)

**O12-1 Feasibility and Advantages of Myringoplasty using Transcanal Endoscopic Ear Surgery (TEES)**

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

Takatoshi Furukawa

**O12-2 Efficacy of transcanal endoscopic ear surgery in chronic otitis media**

*Department of Otolaryngology, Saitama Medical Center, Saitama Medical University, Japan*

Masafumi Ohki

**O12-3 The Outcome of Endoscopic Ossiculoplasty with Artificial Prosthesis**

*Department of Otorhinolaryngology, Cathay General Hospital, Taipei, Taiwan*

Tzu-Chin Huang

**O12-4 Technical Considerations of Transcanal Middle Ear Surgery**

*Department of Otolaryngology-Head and Neck Surgery, Taipei Veterans General Hospital, Taiwan / National Yang-Ming University, School of Medicine, Taipei, Taiwan*

Hung-I Hsu

**O12-5 The feasibility of transcanal endoscopic tympanoplasty with no surface wound**

*Department of Otolaryngology-Head and Neck Surgery, Chang Gung Memorial Hospital, Taiwan / Department of Otolaryngology-Head and Neck Surgery, Chang Gung University, Taiwan*

Chin-Kuo Chen

**O12-6 Endoscopic ear surgery as a tool for surgical training**

*Department of Otolaryngology - Head and Neck Surgery, Osaka Rosai Hospital, Japan*

Kazuo Oshima

**O12-7 Underwater endoscopic management for inner ear diseases**

*Department of Otolaryngology-Head and Neck Surgery, Tohoku University Graduate School of Medicine, Japan*

Daisuke Yamauchi

## Paper 13

10:50 - 12:00

## Otology 5

**Chairs:** Masafumi Sakagami (*Department of Otorhinolaryngology-Head and Neck Surgery, Hyogo College of Medicine, Hyogo, Japan*)

Chia-Der Lin (*Department of Otolaryngology, School of Medicine, China Medical University Hospital, Taichung, Taiwan*)

**O13-1 Bilateral Electric Acoustic Stimulation (EAS) improves sound localization detection and speech perception in noise**

*Department of Otorhinolaryngology, Shinshu University School of Medicine, Japan*

Hideaki Moteki

**O13-2 The assessment of the ability of hearing in noise, music perception, and QOL with new processor**

*Department of Otolaryngology-Head and Neck Surgery, Toranomon Hospital, Tokyo, Japan*

Hajime Koyama

**O13-3 The Brainstem Process of Voice Pitch in Newborns**

*Department of Otolaryngology-HNS, China Medical University Hospital, Taichung, Taiwan / School of Medicine, China Medical University, Taichung, Taiwan*

Tang-Chuan Wang

**O13-4 Written Language Ability in Mandarin-Speaking Children with Cochlear Implants**

*Department of Otolaryngology-Head and Neck Surgery, Chang Gung Memorial Hospital, Taiwan*

Hui-Chen Ko

**O13-5 A quaternary unit detailed analysis of symptoms at, and causes of Cochlear Implant failure over a 10-year period**

*ENT Department, Northwick Park Hospital, Harrow, UK / Royal National Throat Nose and Ear Hospital, London, UK*

Rohan Hasmukh Vithlani

**O13-6 Effects of cochlear implantation on vestibular function in children**

*Department of Otolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan*

Akinori Kashio

**O13-7 Congenital Cytomegalovirus Sensorineural Hearing Loss**

*Department of Otorhinolaryngology, Guy's and St Thomas' NHS Foundation Trust, London, UK*

Andrew Wesley Hoey

## Luncheon Seminar 4

12:10 - 13:00

Advances of Surgical Procedure in Otology and Neurotology Sponsored by DAIICHI MEDICAL CO., LTD

**Chair:** Naohito Hato (*Department of Otorhinolaryngology, Head and Neck Surgery Ehime University, School of Medicine, Ehime, Japan*)

**LS4-1 Tips and Tricks in Transcanal Endoscopic Ear Surgery**

*Department of Otolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan*

Yu Matsumoto

**LS4-2 Endolymphatic Sac Surgery: Endolymphatic Sac Exposed Adequately at Rugose Portion and Opened for the Drug Delivery**

*Department of Otolaryngology-Head and Neck Surgery, Nara Medical University, Nara, Japan*

Tadashi Kitahara

**LS4-3 Recent Strategies in the Management of Traumatic Facial Nerve Paralysis**

*Department of Otorhinolaryngology, Head and Neck Surgery Ehime University, School of Medicine, Ehime, Japan*

Naohito Hato

**Paper 14**

14:55 - 16:05

**Laryngology 2**

**Chairs:** **Koichiro Saito** (*Department of Otorhinolaryngology-Head and Neck Surgery, Kyorin University School of Medicine, Tokyo, Japan*)

**Chi-Te Wang** (*Department of Otolaryngology, Far Eastern Memorial Hospital, Taipei, Taiwan*)

**O14-1 Effectiveness of medialization laryngoplasty on swallowing function of patients with unilateral vocal fold paralysis**

*Department of Otolaryngology Head and Neck Surgery, Keio University School of Medicine, Japan* Takeyuki Kono

**O14-2 Surgical planning of medialization laryngoplasty using an open-source DICOM viewer**

*Department of Otolaryngology, Yamaguchi University Graduate School of Medicine, Japan* Hirotaka Hara

**O14-3 Hemodynamic Impacts of Office-Based Laryngeal Procedures**

*Department of Otolaryngology, Far Eastern Memorial Hospital, Taipei, Taiwan* Chi-Te Wang

**O14-4 Quantitative analysis of vocal fold vibration in normal and pathological voices using high-speed digital imaging**

*The Department of Otolaryngology and Tracheo-Esophagology, the National Center for Global Health and Medicine, Japan / The Department of Otolaryngology, Sanraku Hospital, Japan / Department of Otolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan* Akihito Yamauchi

**O14-5 Frequency of Electroglottographic Fluctuations in the Expiration Phase during Throat Clearing as a Useful Functional Index**

*Department of Otorhinolaryngology - Head and Neck Surgery, Osaka University Graduate School of Medicine, Japan* Toshihiko Iwahashi

**O14-6 Epidemiology of vocal fold paralysis in Taiwan: a population-based study using the National Health Insurance Database**

*Department of Otolaryngology, Shuang Ho Hospital, Taiwan* Ying-Ta Lai

**O14-7 Photocoagulation therapy for laryngeal dysplasia using angiolytic lasers**

*Department of Otolaryngology, Head and Neck Surgery, Graduate School of Medicine, Kyoto University, Japan* Yo Kishimoto

**Paper 15**

16:15 - 17:25

**Otology 6**

**Chairs:** **Arata Horii** (*Department of Otolaryngology Head and Neck Surgery, Niigata University Graduate School of Medical and Dental Sciences, Niigata, Japan*)

**Po-Wen Cheng** (*Department of Otolaryngology, Far Eastern Memorial Hospital, Taipei, Taiwan*)

**O15-1 Correlation of sitting 3-D CT findings of Eustachian tube with subjective and objective findings in Patulous Eustachian tube patients**

*Rifu Sen-en Hospital, Otological Surgery Center, Sendai, Japan / Tohoku University, Sendai, Japan* Ryoukichi Ikeda

**O15-2 Temporal Bone CT Findings and Hearing Profiles in 25 Children with Charge Syndrome**

*Department of Otolaryngology, Saitama Children's Medical Center, Japan* Nodoka Adachi

**O15-3 Significance of cVEMP and oVEMP tests for early diagnosis of acoustic neuroma**

*Department of ORL Akita Graduate School of Medicine, Japan* Kazuo Ishikawa

**O15-4 Perioperative bone-conducted vestibular-evoked myogenic potentials in patients with otosclerosis**

*Department of Otolaryngology-Head and Neck Surgery, Hyogo College of Medicine, Japan* Kazuyuki Akazawa

**O15-5 Auditory Change in Cleft Patients Undergoing Orthognathic Surgery**

*Chang Gung Memorial Hospital and Chang Gung University, Taiwan* Chia-Chun Chen

**O15-6 Good outcomes of Balloon dilatation of Cartilaginous Eustachian Tube**

*Department of Otolaryngology, Chang Gung Memorial Hospital, Keelung, Taiwan / Department of Otolaryngology, Chang Gung University, Taiwan* Wei-Chieh Chao

**O15-7 A new electroneurography method for patients with facial palsy - midline method**

*Department of Otolaryngology - Head & Neck Surgery, Osaka Medical College, Japan* Shin-ichi Haginomori

## Posters (Conference Room 101-103)

December 4

Poster

16:15 - 17:15

## Head and Neck 2

- P47** **Assessment of preoperative MRI for predicting surgical risks of carotid body tumors**  
*Department of Otorhinolaryngology, Keio University School of Medicine, Tokyo, Japan* Fumihito Ito
- P48** **Utility of Real-time Ultrasound Elastography for Determination of the Excision Area in Patient with Thyroid Gland Cancer**  
*Shimane University, Japan* Yukie Hotta
- P49** **Predictive markers, including total lesion glycolysis, for the response of lymph node (s) metastasis from head and neck squamous cell carcinoma treated by chemoradiotherapy**  
*Department of Otorhinolaryngology, Yokohama City University School of Medicine, Kanagawa, Japan* Goshi Nishimura
- P50** **Impact of lower selective neck dissection on supraclavicular lymph node metastases from endometrial carcinoma**  
*Department of Otorhinolaryngology, Juntendo University Faculty of Medicine, Japan* Masataka Kojima
- P51** **A case of parotid gland tumor with tumor-induced osteomalacia**  
*Department of Otorhinolaryngology, Takeda General Hospital, Aizuwakamatsu, Fukushima, Japan* Masaaki Takahashi
- P52** **Complications of surgery for total laryngectomy and pharyngolaryngectomy -Is the incidence of fistula higher in salvage surgery?-**  
*Department of Otolaryngology, Kochi Medical School, Japan* Taisuke Kobayashi
- P53** **Three cases of arytenoid non-malignant mucosal lesion after radiotherapy**  
*NTT Medical Center Tokyo, Japan* Hirohisa Iwaki
- P54** **Case Report: Coexistent Angiosarcoma and Pleomorphic Adenoma in Submandibular Gland**  
*Department of Otolaryngology, Cathay General Hospital, Taipei, Taiwan* I-Wei Wu
- P55** **Case Report: Neck Lymph Nodes Recurrence as Papillary Thyroid Carcinoma with De-differentiation into Squamous Cell Carcinoma after Total Thyroidectomy**  
*Department of Otolaryngology, Cathay General Hospital, Taipei, Taiwan* I-Wei Wu
- P56** **Neck IgG4 related disease - A case report**  
*Department of Otolaryngology, Tainan Municipal Hospital, Taiwan* Tengchin Wang
- P57** **Impact of lymph node ration on survival of patients with hypopharyngeal and laryngeal squamous cell carcinomas**  
*Department of Otolaryngology-Head and Neck Surgery, Yokohama City University, School of Medicine, Japan* Daisuke Sano

Poster

16:15 - 17:15

Otology 2

- P58 Efficacy of concurrent superselective intra-arterial chemoradiotherapy for late-stage squamous cell carcinoma of the temporal bone**  
*Department of Otolaryngology-Head and Neck Surgery, Kanazawa University, Japan* Yoko Aoki
- P59 Expression pattern of Wolframin, the Wolfram syndrome 1 gene (WFS1) product, in Common Marmoset (*Callithrix jacchus*) inner ear**  
*Department of Otolaryngology, Keio University School of Medicine, Tokyo, Japan* Noriomi Suzuki
- P60 Three cases with traumatic otolith vertigo revealed by VEMP**  
*Department of Otolaryngology, Kinki University, Japan* Ko Shiraishi
- P61 The Incidence and Treatment of Otitis Media with Effusion in Cases of Cleft Palate**  
*Department of Otolaryngology, Tokyo Metropolitan Children's Medical Center, Tokyo, Japan* Ai Yoshitomi
- P62 Plasticity of the human vestibulo-ocular reflex during off-vertical axis rotation**  
*Department of Otolaryngology, St. Marianna University, Japan* Masatoshi Akutsu
- P63 Auditory varieties of candidates for cochlear implant of Electric-Acoustic Stimulation (EAS)**  
*Kinki University, Osaka, Japan* Toshizo Koizumi
- P64 Measurement of fetal heart rate and auditory evoked potential induced by sound stimulation in human fetuses**  
*Department of Otorhinolaryngology, Juntendo University Faculty of Medicine, Japan* Rina Matsuoka
- P65 Deformation of the Outer Hair Cells and the Accumulation of Caveolin-2 in Connexin 26-Deficient Mice**  
*Department of Otorhinolaryngology, Juntendo University Faculty of Medicine, Japan* Takashi Anzai
- P66 Clinical presentation of Acoustic neurinoma**  
*Department of Otorhinolaryngology, Mitsui Memorial Hospital, Japan* Ayu Yoshida
- P67 Congenital cholesteatomas in the middle ear and ossicular anomalies**  
*Japanese Red Cross Medical Center, Japan* Amiko Ishii
- P68 Objective tinnitus by closing of the bite attributed to the connection between the temporomandibular joint and middle ear**  
*Department of Otolaryngology-HNS, Tohoku University Graduate School of Medicine, Japan* Hiroshi Hidaka
- P69 Surgical results of congenital stapes footplate fixation in Japan**  
*Department of Otorhinolaryngology, Juntendo University Faculty of Medicine, Japan* Masayuki Furukawa

Poster

16:15 - 17:15

Laryngology 2

- P70 New modified laryngotracheal separation for patients with severe neuromuscular diseases**  
*Department of Oto-neurology, Tokyo Metropolitan Neurological Hospital, Tokyo, Japan* Rie Naito
- P71 A case of Ewing sarcoma of larynx**  
*Department of Otolaryngology-Head and Neck Surgery, Asahikawa Medical University, Japan* Tomohiko Michizuka
- P72 Differentiation of mouse induced pluripotent stem cell into tracheal epithelial cells**  
*Department of Otolaryngology, Fukushima Medical University, Japan* Masakazu Ikeda
- P73 Palatal Implantation for Severe Obstructive Sleep Apnea**  
*Department of Otolaryngology, Cheng Hsin General Hospital, Taipei, Taiwan* Hao-Chun Hu



## Poster

16:15 - 17:15

## Rhinology 2

- P74** **The roles of type 2 innate lymphoid cells (ILC2) in chronic rhinosinusitis (CRS)**  
*Department of Otorhinolaryngology, The Jikei University School of Medicine, Tokyo, Japan* Keisuke Uno
- P75** **Recent situation of the treatment of odontogenic cyst in paranasal sinus**  
*Department of Otolaryngology, Tokyo Dental College, Ichikawa General Hospital, Japan* Yuko Yamada
- P76** **Repairing nasal septum perforations: outcome of 30 cases**  
*Department of Otorhinolaryngology, JCHO Tokyo Yamate Medical Center, Japan* Yoshimi Makizumi
- P77** **A randomized control trial with intranasal mometasone furoate and fluticasone furoate for seasonal allergic rhinitis in train driver**  
*Department of Otorhinolaryngology, JR Tokyo General Hospital, Tokyo, Japan* Shinichi Ishimoto
- P78** **A case of primary ciliary dyskinesia examined by genetic analysis**  
*Department of Otorhinolaryngology, Shiga University of Medical Science, Japan* Sayuri Yamamoto
- P79** **Olfactory Dysfunction caused by Temporal Lobe Epilepsy**  
*Department of Otorhinolaryngology, Shiga University of Medical Science, Shiga, Japan* Koji Matsumoto
- P80** **Vascular leiomyoma of the nasal septum: case report**  
*Department of Otolaryngology, Chung Shan Medical University Hospital, Taiwan* Wei-Sheng Wen
- P81** **Perioperative coronary artery spasm after functional endoscopic sinus surgery - a case report**  
*Otolaryngology Department of Far Eastern Memorial Hospital, Taiwan* Pohsuan Wu
- P82** **Suggestions on the CT classification and the surgical classification on opening the sphenoid sinus**  
*St. Luke's International Hospital, Japan* Kiyoshi Yanagi
- P83** **Increasing prevalence of Japanese cedar pollinosis among children in Akita, Northeast Japan**  
*Department of Otorhinolaryngology-Head and Neck Surgery, Akita University Graduate School of Medicine, Japan* Kohei Honda
- P84** **The Efficacy of Minimal Invasive Turbinate Reduction Surgery**  
*Department of Otolaryngology, China Medical University Hospital, Taichung, Taiwan / Department of Medicine, China Medical University, Taichung, Taiwan* Chih-Jaan Tai
- P85** **Retinoids Activate The Production of Tissue Plasminogen Activator in Human Epithelial Cells**  
*Division of Otorhinolaryngology, University of Fukui, Japan* Masafumi Sakashita

## Poster

16:15 - 17:15

## Other 2

- P86** **Up-regulation of CX3CR1 on tonsillar CD8+ T cells in patients with IgA nephropathy**  
*Department of Otolaryngology-Head and Neck Surgery, Asahikawa Medical College, Japan* Ryuki Otaka
- P87** **Otorhinolaryngologic Problems Among Children With Down Syndrome**  
*Department of Otolaryngology, Tokyo Teishin Hospital, Japan* Kentaro Ichijo
- P88** **A clinical investigation of deep neck abscesses**  
*Otolaryngology Head and Neck Surgery, Kansai Medical University, Japan* Masao Yagi
- P89** **Whithdrawn**
- P90** **The role of phosphorylcholine in the adherence of Streptococcus pneumonia and Haemophilus influenzae**  
*Department of Otolaryngology, Head and Neck Surgery Kagoshima University, Japan* Hiroyuki Iuchi
- P91** **Precise Carving of Autologous Costal Cartilage Graft for Aesthetic Rhinoplasty - Case Report**  
*Medical Aesthetic Center, Evergreen General Hospital, Taiwan* Chih-Hsien Wu
- P92** **Precise Tunneling in Subperiosteal Plane for Augmentation Rhinoplasty - Case Report**  
*Medical Aesthetic Center, Evergreen General Hospital, Taiwan* Chih-Hsien Wu

## Exhibition Hall (Conference Room 101-103)

December 4

**Hands-on Seminar**

13:55 - 14:55

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**Laryngopharyngeal Surgery With Innovative Curved Laryngo-pharyngo Scope (Type-S2)**

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