# Program

## 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**

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<tr>
<th>Chairs</th>
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<tbody>
<tr>
<td>Juichi Ito</td>
<td>(Shiga Medical Center for Adults Research Institute, Shiga, Japan)</td>
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<tr>
<td>Che-Ming Wu</td>
<td>(Department of Otolaryngology, Chang Gung Memorial Hospital, Chang-Gung University, Taiwan)</td>
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#### 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**

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<th>Chairs</th>
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<tr>
<td>Hiroshi Takenaka</td>
<td>(President, Osaka Medical College, Osaka, Japan)</td>
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<tr>
<td>Tien-Chen Liu</td>
<td>(Department of Otolaryngology, National Taiwan University Hospital, Taiwan)</td>
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</table>

#### 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:** Che-Ming Wu (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

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

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

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

**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 Otolaryngology, 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

### SPIO Award Ceremony

18:50 - 19:00
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

Head and Neck 1

13:55 - 14:55

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, Taipei, Taiwan)

001-1 Anti-IgE therapy to Kimura’s disease
Department of Otorhinolaryngology, Tokyo Women's Medical University, Japan
Eri Sakitani

001-2 Sialoendoscopy Experience In Taiwan
MacKay Memorial Hospital Taipei, Taiwan
Chin-Hui Su

001-3 Is the ultrasound alone adequate for pre-operative detection and evaluation of parotid tumor?
Buddhist Tzu Chi General Hospital, Tainan Branch, Tainan, Taiwan
Chung-Hui Yeh

001-4 Kikuchi-Fujimoto disease; evaluation of the prognostic factors and analysis of the pathologic findings
Okayama University Graduate School of Medicine, Japan
Yorihisa Orita

001-5 An ulcerating Warthin’s tumor that resulted with a formulation of a granulation tissue
Tokyo Women's Medical University, Japan
Emiri Sato

001-6 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

Middle Ear and Facial Nerve

14:55 - 16:05

Chairs: Haruo Takahashi (Department of Otolaryngology, 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  
**Basic Science of Otology and Neurotology**  
*16:05 - 17:15*

<table>
<thead>
<tr>
<th>Symposium 8 (SY8)</th>
<th>Title</th>
<th>Chair(s)</th>
<th>Department(s)</th>
<th>Country</th>
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</thead>
<tbody>
<tr>
<td><strong>SY8-1</strong></td>
<td>Translating back and forth in between benchside and bedside by hiPS based-technology and a primate model</td>
<td>Kaoru Ogawa, Ting-Hua Yang</td>
<td>Department of Otolaryngology-Head &amp; Neck Surgery, Keio University School of Medicine, Tokyo, Japan; Department of Otolaryngology, National Taiwan University Hospital, Taiwan</td>
<td>Japan</td>
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<tr>
<td><strong>SY8-2</strong></td>
<td>Maintenance of Cochlear Tight Junction System by Tricellulin</td>
<td>Kaoru Ogawa, Ting-Hua Yang</td>
<td>Department of Otolaryngology-Head and Neck Surgery, Kyoto Prefectural University of Medicine, Kyoto, Japan</td>
<td>Japan</td>
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<tr>
<td><strong>SY8-3</strong></td>
<td>Regulation of cytoskeleton in hair cells by TRIOBP</td>
<td>Hirofumi Sakaguchi</td>
<td>Department of Otolaryngology-Head and Neck Surgery, Graduate School of Medicine Kyoto University, Kyoto, Japan</td>
<td>Japan</td>
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<tr>
<td><strong>SY8-4</strong></td>
<td>Explore inner ear disorders in humans and mice using next-generation sequencing</td>
<td>Shin-ichiro Kitajiri</td>
<td>Department of Otolaryngology, National Taiwan University Hospital, Taiwan</td>
<td>Taiwan</td>
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<tr>
<td><strong>SY8-5</strong></td>
<td>The clinical significance of assembled inner ear tests in the animal model</td>
<td>Chen-Chi Wu</td>
<td>Department of Otolaryngology, National Taiwan University Hospital, Taiwan</td>
<td>Taiwan</td>
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### Evening Seminar 2  
**17:30 - 18:20**  
*Sponsored by MakiChié CO., LTD*

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<thead>
<tr>
<th>Evening Seminar 2 (ES2)</th>
<th>Title</th>
<th>Chair(s)</th>
<th>Department(s)</th>
<th>Country</th>
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<tbody>
<tr>
<td><strong>ES2</strong></td>
<td>Pathophysiology of Meniere’s disease: Does endolymphatic hydrops cause Meniere’s attack?</td>
<td>Koichi Omori</td>
<td>Department of Otolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan</td>
<td>Japan</td>
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<td><strong>ES2</strong></td>
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<td>Akinobu Kakigi</td>
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<td>December 3</td>
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<td>Paper 2</td>
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<td><strong>Otology 1</strong></td>
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<tr>
<td><strong>Chairs:</strong> 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)</td>
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<tr>
<td><strong>002-1</strong> Clinical Analysis of Five Patients Suspected to have Superior Canal Dehiscence Syndrome</td>
<td>Taro Takanami</td>
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<tr>
<td>Department of Otorhinolaryngology, Toho University Sakura Medical Center, Japan</td>
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<tr>
<td><strong>002-2</strong> Superior Semicircular Canal Dehiscence Syndrome: Case Report</td>
<td>Yung-Ting Chen</td>
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<tr>
<td>Department of Otolaryngology-Head &amp; Neck Surgery, Cathay General Hospital, Taipei, Taiwan</td>
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<td><strong>002-3</strong> Can Presbystasis be cured?</td>
<td>Yasuyuki Nomura</td>
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<tr>
<td>Department of Otolaryngology-Head and Neck Surgery, Nihon University School of Medicine, Japan</td>
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<td><strong>002-4</strong> No association between plasma adiponectin levels and central auditory function in adults</td>
<td>Juen-Haur Hwang</td>
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<tr>
<td>Department of Otolaryngology, Dalin Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Taiwan</td>
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<td><strong>002-5</strong> Inner Ear Deficits in Irradiated Nasopharyngeal Carcinoma Survivors</td>
<td>Fan-Hsiang Chi</td>
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<td>National Taiwan University Hospital, Taiwan</td>
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<td><strong>002-6</strong> Evolution of post-irradiated sudden deafness during the past two decades</td>
<td>Tsung-Yi Cho</td>
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<td>Department of Otolaryngology, Far Eastern Memorial Hospital, Taipei, Taiwan</td>
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<td><strong>002-7</strong> Development of A Mobile Phone-based Otitis Media Auto-Diagnostic System (MP-OMADx)</td>
<td>Pa-Chun Wang</td>
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<tr>
<td>Department of Otolaryngology, Cathay General Hospital, Taipei, Taiwan</td>
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<th>Paper 3</th>
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<tr>
<td>10:50 - 12:00</td>
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<tr>
<td><strong>Otology 2</strong></td>
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<tr>
<td><strong>Chairs:</strong> 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)</td>
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<tr>
<td><strong>003-1</strong> A novel approach for treatment of congenital cholestatoma using a semiconductor laser</td>
</tr>
<tr>
<td>Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Japan</td>
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<tr>
<td><strong>003-2</strong> Preservation of chorda tympani nerve in cholesteatoma surgery - Is “sacrificing” the nerve still appropriate?</td>
</tr>
<tr>
<td>Department of Otolaryngology, Teikyo University, Japan</td>
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<tr>
<td><strong>003-3</strong> The efficacy of color mapped fusion images together with a T1 weighted image in the postoperative follow-up evaluation for residual cholesteatomas</td>
</tr>
<tr>
<td>Department of Otolaryngology, Head and Neck Surgery, Yamagata University Faculty of Medicine, Japan</td>
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<tr>
<td><strong>003-4</strong> Clinical findings of the congenital cholesteatoma: focusing on Potsic stage III prognosis</td>
</tr>
<tr>
<td>Department of Otorhinolaryngology, Mitsui Memorial Hospital, Tokyo, Japan</td>
</tr>
<tr>
<td><strong>003-5</strong> Management of intractable petrous apex cholesteatoma combined trans labyrinthine-sphenoidal approach</td>
</tr>
<tr>
<td>Department of Otorhinolaryngology, Jikei University School of Medicine, Tokyo, Japan</td>
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<tr>
<td><strong>003-6</strong> Endoscopic Trans-Canal Management of Pediatric Congenital Cholesteatoma</td>
</tr>
<tr>
<td>Department of Otorhinolaryngology, Cathay General Hospital, Taipei, Taiwan</td>
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<tr>
<td><strong>003-7</strong> Lateral attic cholesteatoma with intact ossicular chain: long-term safety of limited atticootomy with ossicular chain preservation</td>
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<tr>
<td>Hsinchu Armed Forces Hospital, Taiwan</td>
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<td>Luncheon Seminar 2</td>
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<tr>
<td>Chair: Ken Kitamura (Professor Emeritus, Tokyo Medical and Dental University, Tokyo, Japan)</td>
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**LS2**

**Probing Vestibular Function from Postural Stability**

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

Shinichi Iwasaki

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<thead>
<tr>
<th>Paper 4</th>
<th>13:55 - 14:55</th>
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**Rhinology 1**

**Chairs:** Katsuhiro 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)

<table>
<thead>
<tr>
<th>O04-1</th>
<th>Real-time Ultrasonography Imaging during Nasal Endoscopic Transsphenoidal Surgery</th>
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<tbody>
<tr>
<td></td>
<td>Department of Otorhinolaryngology, Toho University Sakura Medical Center, Japan</td>
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<td>Yasushi Ota</td>
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<tr>
<th>O04-2</th>
<th>Clinical study of 56 cases of sinonasal inverted papilloma</th>
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<tbody>
<tr>
<td></td>
<td>Department of Otorhinolaryngology, Juntendo University Faculty of Medicine, Japan</td>
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<td>Shin Ito</td>
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<tr>
<th>O04-3</th>
<th>Invasive Nasal Septal Aspergillosis</th>
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<tbody>
<tr>
<td></td>
<td>Department of Otorhinolaryngology, Head and Neck Surgery, Kaohsiung Veterans General Hospital, Taiwan / Department of Otorhinolaryngology-Head and Neck Surgery, National Defense Medical Centre and Tri-Service General Hospital, Taiwan</td>
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<td>Yunying She</td>
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<tr>
<th>O04-4</th>
<th>An unexpected route for otolaryngology bacterial contamination with a Venturi atomizer</th>
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<tbody>
<tr>
<td></td>
<td>Department of Otolaryngology, Taipei Medical University Hospital, Taipei, Taiwan</td>
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<td>Mike Te-Ming Tseng</td>
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<tr>
<th>O04-5</th>
<th>Ethnic Variation in Paranasal Sinus Anatomy</th>
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<tbody>
<tr>
<td></td>
<td>Department of Otorhinolaryngology, Guy’s and St Thomas’ NHS Foundation Trust, London, UK</td>
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<td>Andrew Wesley Hoey</td>
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<tr>
<th>O04-6</th>
<th>Nasal Plasmid Flt3 Ligand And CpG ODN Alone Enhances Immediate, Influenza Virus-Specific Recall Secretory IgA Ab Responses</th>
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<tbody>
<tr>
<td></td>
<td>Department of Otolaryngology, Head and Neck Surgery Kagoshima University Graduate School, Japan</td>
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<td>Junichiro Ohori</td>
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Paper 5

Laryngology 1

14:55 - 16:05

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)

005-1  
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

005-2  
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, Yunlin, Taiwan  
Wanni Lin

005-3  
Preliminary Experiences in Trachea Scaffold Tissue Engineering with Whole Organ Decellularization  
Department of Otolaryngology, University of Michigan, Ann Arbor, MI / Department of Surgery, National Taiwan University College of Medicine, Taipei, Taiwan  
Shih-Han Hung

005-4  
Evaluation of Outcomes after Endoscopic Management of Paediatric Subglottic Stenosis  
St George's Hospital, London, UK  
Samantha Goh

005-5  
Postoperative swallowing and survival in multiple system atrophy  
Department of Otolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan  
Rumi Ueha

005-6  
The results of Kaplan-Meyer 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

005-7  
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

Oral Cavity

16:05 - 17:15

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)

006-1  
How to trim uvula undergoing uvulopalatopharyngoplasty for sleep apnea patients  
Department of Otolaryngology and Good Sleep Center, Nagoya City University, Japan  
Meiho Nakayama

006-2  
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

006-3  
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, Taipei / Faculty of Medicine, College of Medicine, Chang Gung University, Taiwan  
Li-Ang Lee

006-4  
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

006-5  
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 Hasmukh Vithlani

006-6  
Deglutition and Respiratory Patterns During Sleep in the Aged  
Department of Otolaryngology-Head and Neck Surgery, Kurume University, Japan  
Kiminori Sato

006-7  
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

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| **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*  
Kunihihko 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 |
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<td>Department of Otolaryngology, Cathay General Hospital, Taipei, Taiwan</td>
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<td>Persistent stapedial artery with stapes ankylosis</td>
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<td><strong>P28</strong></td>
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## Poster 16:05 - 17:05

### Rhinology 1

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<td>Hsing-Won Wang</td>
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<td>Anosmia as the initial presentation of olfactory meningioma - Case report</td>
<td>Tengchin Wang</td>
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<td>Endoscopic sinus surgery with powerful instruments in treating difficult cases of post-operative maxillary cyst</td>
<td>Ying-Chou Lu</td>
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<td>Narrow-band-ultraviolet-B-irradiation suppresses phorbol ester-induced up-regulation of histamine H1 receptor mRNA in HeLa cells without induction of apoptosis</td>
<td>Tatsuya Fujii</td>
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<td>Yukihiro Kimura</td>
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<td>Chih-Hsien Wu</td>
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<td>P46</td>
<td>Geriatric Otolaryngologic Emergencies at a Teaching Hospital in Taiwan</td>
<td>Tzu Hang Chi</td>
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Exhibition Hall (Conference Room 101-103)

December 3

Hands-on Seminar 17:30 - 18:20

Sponsored by NAGASHIMA MEDICAL INSTRUMENTS CO., LTD.

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**

**Laryngology and Dysphagia**

**Chairs:**
- Koichi Omori (Fukushika Medical University, Fukushika, 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**

**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, 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**

**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

#### Otology 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)

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<td>O07-1</td>
<td>Mechanism of eosinophil infiltration to the inner ear in animal model of eosinophilic otitis media</td>
<td>Naomi Kudo</td>
<td>Department of Otorhinolaryngology, Hirosaki University Graduate School of Medicine, Japan</td>
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<td>O07-2</td>
<td>Protective Effect of Astaxanthin Nano Emulsion in Hair Cells</td>
<td>Kazuma Sugahara</td>
<td>Department of Otolaryngology, Yamaguchi University Graduate School of Medicine, Japan</td>
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<td>O07-3</td>
<td>The sequential changes and cellular death forms of hair cells after transient cochlear ischemia in guinea pigs</td>
<td>Hsiung-Kwang Chung</td>
<td>Department of Otolaryngology, Head and Neck Surgery, China Medical University Hospital, Taiwan</td>
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<td>O07-4</td>
<td>An animal model for genetic lineage tracing of supporting cells after hair cell regeneration</td>
<td>Yen-Fu Cheng</td>
<td>Department of Otolaryngology 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</td>
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<td>O07-5</td>
<td>Mn-SOD affects Noise Induced Hearing Loss</td>
<td>Ayinuer Tuerdi</td>
<td>Department of Otolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan</td>
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<td>O07-6</td>
<td>The effect of G-CSF for promoting regeneration of severed facial nerves in rats</td>
<td>Yoko Fujimaki</td>
<td>Department of Otolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan</td>
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### Symposium 11

**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)

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<td>Promises and challenges of next generation sequencing in personalized medicine for sensorineural hearing loss</td>
<td>Tatsuo Matsunaga</td>
<td>Department of Otolaryngology, National Tokyo Medical Center, Tokyo, Japan</td>
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<td>Measurement of the vestibular aqueduct in the prediction of developing Meniere’s disease from Acute-Low-tone sensorineural hearing loss</td>
<td>Hiroaki Sato</td>
<td>Department of Otolaryngology-Head &amp; Neck Surgery, Iwate Medical University, Iwate, Japan</td>
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<td>Shotaro Karino</td>
<td>Department of Otolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan</td>
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<td>Speech Perception of Children with Bilateral Cochlear Implants</td>
<td>Yukihiko Kanda</td>
<td>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</td>
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<td>SY11-5</td>
<td>Effects of Ginkgo Biloba Extract (GBE) on Cochlear Ischemia</td>
<td>Chiader Lin</td>
<td>Department of Otolaryngology and Head &amp; Neck Surgery, China Medical University Hospital, Taiwan</td>
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<td>Effect of Tone Performance on Speech Intelligibility in Mandarin-speaking Cochlear Implant Children with Profound Sensorineural Hearing Loss</td>
<td>Jiunn-Liang Wu</td>
<td>Department of Otolaryngology, College of Medicine, National Cheng Kung University, Tainan, Taiwan</td>
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Paper 8

Head and Neck 2

**Chairs:**

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

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

**008-1** 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

**008-2** 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

**008-3** 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 Hasmukh Vithlani

**008-4** Superselective intraarterial chemotherapy for the locally advanced lacrimal sac cancer: a report of two cases

Juntendo University, Japan

Shinichi Ohba

**008-5** 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

**008-6** 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

**008-7** 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

**Closing Remarks**
Room 2 (Conference Room 3, 4)

December 4

Symposium 12
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 vestibulo-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
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

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**  
**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, Taoyuan, 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

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**Paper 10**  
**Head and Neck 4**

**Chairs:**  
Yasuaki Harabuchi (Department of Otorhinolaryngology-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-1) 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, Taichung, Taiwan / Department of Otorhinolaryngology, Head and Neck Surgery, Jen-Ai Hospital, Taichung, 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
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| **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 | |
| **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  
Kazu 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

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

**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

**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

**O13-4** Written Language Ability in Mandarin-Speaking Children with Cochlear Implants
Department of Otorhinolaryngology-Head and Neck Surgery, Chang Gung Memorial Hospital, Taiwan

**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

**O13-6** Effects of cochlear implantation on vestibular function in children
Department of Otorhinolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan

**O13-7** Congenital Cytomegalovirus Sensorineural Hearing Loss
Department of Otorhinolaryngology, Guy’s and St Thomas’ NHS Foundation Trust, London, UK

Luncheon Seminar 4

**LS4-1** Tips and Tricks in Transcanal Endoscopic Ear Surgery
Department of Otolaryngology and Head and Neck Surgery, the University of Tokyo, Tokyo, Japan

**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

**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
**Paper 14**

**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**

**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

Ryokichi 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 neumroma

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 Eustachain 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
Dec. 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*  
Fumihiro 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 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

**Otology 2**

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

**Laryngology 2**

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

Sponsored by NAGASHIMA MEDICAL INSTRUMENTS CO., LTD.

Laryngopharyngeal Surgery With Innovative Curved Laryngo-pharyngo Scope (Type-S2)
Tachikawa Kyosai Hospital, Tokyo, Japan

Yasuo Satou