

# Program

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17th Japan-Taiwan Conference on Otolaryngology-Head and Neck Surgery



## Room 1 (Toyoda Auditorium)

December 6

8:30 - 8:40

## Opening Remarks

## Symposium 1

8:50 - 10:20

## Otology 1

**Chairs:** Takashi Nakagawa (Department of Otorhinolaryngology, Kyushu University, Japan)  
Tien-Chen Liu (National Taiwan University Hospital, Taiwan)

**SY1-1 Application of a Dexamethasone-Eluting FLEX28 Electrode in an Etiology-Defined Candidate for Electric-Acoustic Stimulation**

Department of Otorhinolaryngology-Head and Neck Surgery, Shinshu University School of Medicine, Japan

Yutaka Takumi

**SY1-2 Age at which individuals with maintained good hearing exceed the cut-off value in the survey of the community-based study**

Department of Otorhinolaryngology, Head and Neck Surgery, Aichi Medical University, Japan / Department of Epidemiology of Aging, Research Institute, National Center for Geriatrics and Gerontology, Japan / Department of Otorhinolaryngology, National Center for Geriatrics and Gerontology, Japan

Yasue Uchida

**SY1-3 Precision medicine for syndromic hearing loss**

National Hospital Organization Tokyo Medical Center, Japan

Tatsuo Matsunaga

**SY1-4 Withdrawn**

**SY1-5 Risk Factors and Predictors of Middle-Ear Effusion in Children with Cleft Lip and Palate Before and After Palatal Repair: A Retrospective Analysis**

Department of Otolaryngology, School of Medicine, College of Medicine, Taipei Medical University, Taiwan

Che Hsuan Lin

## Symposium 2

10:30 - 12:00

## Otology 2

**Chairs:** Hiromi Kojima (Department of Otorhinolaryngology, Jikei University School of Medicine, Japan)  
Chia-Der Lin (Department of Otorhinolaryngology H & N Surgery, China Medical University Hospital, Taiwan)

**SY2-1 Surgical Strategies for Congenital Auricular Deformities**

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

Kenichi Takano

**SY2-2 Cochlear implantation in patients with aberrant cochlear aperture**

National Taiwan University Hospital, Taiwan

Chen-Chi Wu

**SY2-3 Acupuncture in Inner Ear Disorders: The 3-M Bridge — Mechanisms, Models, Medicine— From Neuroplasticity and Clinical Relief**

Department of Otorhinolaryngology H & N Surgery, China Medical University Hospital, Taiwan

Chia-Der Lin

**SY2-4 Prognostic Value of Initial Hearing Severity in Otitis Media with ANCA-Associated Vasculitis: A Retrospective Cohort Study**

Department of Otorhinolaryngology, Head and Neck Surgery, Faculty of Medicine, Academic Assembly, University of Toyama, Japan

Yuka Morita

**SY2-5 The 2023 clinical practice guidelines for Bell's palsy and Hunt syndrome in Japan**

Department of Otolaryngology-Head and Neck Surgery, Osaka Medical and Pharmaceutical University, Japan

Shin-Ichi Haginomori

**SY2-6 The auditory working memory performance of preschool children with hearing impairment**

Department of Otolaryngology, Kaohsiung Chang Gung Memorial Hospital And Chang Gung University College of Medicine, Taiwan

Chung-Feng Hwang

## Symposium 3

14:00 - 15:30

### Head and Neck 1 (TORS TOVS)

**Chairs:** **Takahiro Asakage** (*Department of Head and Neck Surgery, Institute of SCIENCE TOKYO, Japan*)  
**Tsung-Lin Yang** (*National Taiwan University, Taiwan*)

#### **SY3-1 Endoscopic Laryngo-Pharyngeal Surgery**

*Department of Otolaryngology - Head and Neck Surgery, School of Medicine, Fujita Health University, Japan*  
Ichiro Tateya

#### **SY3-2 Indications and Limitations of Transoral Videolaryngoscopic Surgery for Pharyngeal and Laryngeal Cancers**

*Department of Otorhinolaryngology-Head and Neck Surgery, National Defense Medical College, Japan*  
Koji Araki

#### **SY3-3 Transoral Robotic Surgery and Neck Dissection for Hypopharyngeal Cancer: Long-Term Prognostic Factors and Survival Outcomes**

*Taichung Veterans General Hospital, Taiwan / National Yang-Ming Chiao-Tung University, Taiwan*  
Chen-Chi Wang

#### **SY3-4 Swallowing outcomes in head and neck cancer patients treated with neoadjuvant chemotherapy followed by TOS or TOVS in head and neck cancer**

*Department of Otolaryngology-Head and Neck Surgery, Kaohsiung Veterans General Hospital, Taiwan*  
Ching-Chih Lee

#### **SY3-5 The Impact of Neoadjuvant Chemotherapy in Patients of Hypopharyngeal Cancer Undergoing Transoral Laser Microsurgery**

*Department of Otolaryngology-Head and Neck Surgery, Taipei Veteran General Hospital, Taiwan*  
Pen-Yuan Chu

#### **SY3-6 New concepts of TORS in Head and Neck Cancer**

*Department of Otorhinolaryngology, Chiayi Chang Gung Memorial Hospital, Taiwan*  
Cheng-Ming Hsu

## Symposium 4

15:30 - 17:00

### Rhinology 1 (Allergy, Rhinositis, NPs)

**Chairs:** **Shigeharu Fujieda** (*Department of Otorhinolaryngology-Head & Neck Surgery, University of Fukui, Japan*)  
**Chih-Jaan Tai** (*Department of Otorhinolaryngology, China Medical University Hospital, Taiwan*)

#### **SY4-1 Assessment of patient satisfaction with dupilumab for chronic rhinosinusitis with nasal polyps**

*Department of Otorhinolaryngology, International University of Health and Welfare School of Medicine, Japan*  
Mitsuhiro Okano

#### **SY4-2 Combined Use of Biologic Agents and Macrolides as Personalized Postoperative Therapy for Mixed-Type Chronic Rhinosinusitis with Nasal Polyps in Taiwanese Patients**

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

#### **SY4-3 A New Era of Upper Airway Inflammation Control: Biologics-based Strategies for Refractory Chronic Rhinosinusitis**

*Department of Otorhinolaryngology-Head and Neck Surgery, Showa Medical University Hospital, Japan*  
Isao Suzuki

#### **SY4-4 Functional and Aesthetic Rhinoplasty**

*Department of Otolaryngology-Head and Neck Surgery, Changhua Christian Hospital, Taiwan / College of Medicine, National Chung Hsing University, Taiwan*  
Chih-Wen Tzu

#### **SY4-5 Epithelial contribution to the disease mechanism of eosinophilic chronic rhinosinusitis**

*Department of Otorhinolaryngology and Head & Neck Surgery, Dokkyo Medical University, Japan*  
Tsuguhisa Nakayama

#### **SY4-6 Post-Radiotherapy Sinonasal Dysfunction in Patients with Nasopharyngeal Carcinoma**

*Department of Otolaryngology, Kaohsiung Chang Gung Memorial Hospital, Taiwan*  
Sheng-Dean Luo

## Room 2 (Toyoda Auditorium Symposion)

December 6

### Symposium 5

8:50 - 10:20

#### Innovation

- Chairs:** **Kazuto Matsuura** (*Department of Head and Neck Surgery, National Cancer Center Hospital East, Japan*)  
**Tuan-Jen Fang** (*Department of Otolaryngology, Linkou Chang Gung Memorial Hospital, Taiwan*)
- SY5-1** **Designing Tech Solutions for People with Hearing Loss**  
*Hearing Health Center, Okayama University Hospital, Japan* Yuko Kataoka
- SY5-2** **Novel Approaches for High-Resolution Cochlear Imaging: Intracochlear Probes (Optical Frequency Domain Imaging and Intravascular Ultrasound) and Terahertz Waves**  
*Department of Otolaryngology-Head and Neck Surgery, Kobe University Graduate School of Medicine, Japan* Takeshi Fujita
- SY5-3** **Unraveling the genetics of auditory neuropathy: From diagnosis to gene therapy**  
*National Taiwan University Hospital, Taiwan* Chen-Chi Wu
- SY5-4** **Surgical management of primary/ recurrent tumor and post-treatment complications nasopharyngeal carcinoma**  
*Department of Otolaryngology-Head & Neck Surgery, Chang Gung Memorial Hospital, Taiwan* Kai-Ping Chang
- SY5-5** **Photoimmunotherapy for cancer: Mechanisms and Clinical Applications**  
*Department of Head and Neck Surgery, Institute of Science Tokyo, Japan* Ryuhei Okada
- SY5-6** **Cell Therapy for Soft Tissue Fibrosis in the Head and Neck**  
*National Taiwan University, Taiwan* Tsung-Lin Yang

### Symposium 6

10:30 - 12:00

#### Laryngology

- Chairs:** **Koichi Omori** (*Department of Head and Neck Oncology and Innovative Treatment, Graduate School of Medicine, Kyoto University, Japan*)  
**Chen-Chi Wang** (*National Yang Ming Chiao Tung University, Taiwan*)
- SY6-1** **Radiation-Associated Dysphagia in Head and Neck Cancer: Latest Findings and Future Direction**  
*Department of Otolaryngology Head and Neck Surgery Graduate School of Biomedical Sciences, Nagasaki University, Japan* Yoshihiko Kumai
- SY6-2** **Phonosurgery for Elite Vocal Performer**  
*IUHW Tokyo Voice Center, Japan* Yusuke Watanabe
- SY6-3** **Oncological and functional outcomes and management of transoral CO2 laser microsurgery (TLM) for laryngeal cancer**  
*Department of Otolaryngology, Head Neck Surgery, Keio University School of Medicine, Japan* Takeyuki Kono
- SY6-4** **Precision-Targeted Injection Laryngoplasty and Longitudinal Biomaterial Effects Evaluation Using High-resolution Ultrasonography in a Rat Model**  
*Department of Otolaryngology, National Taiwan University Hospital and National Taiwan University College of Medicine, Taiwan / Graduate Institute of Clinical Medicine, National Taiwan University College of Medicine, Taiwan* Wen-Hsuan Tseng
- SY6-5** **Developing a Novel Neck-Wearable Piezoelectric Sensor for Habitual Snoring**  
*Linkou Chang Gung Memorial Hospital, Taiwan / Chang Gung University, Taiwan / National Tsing Hua University, Taiwan* Li-Ang Lee

## Luncheon Seminar 1

12:10 - 13:00

Makichie Co., Ltd.

**Chair:** Takashi Nakagawa (Department of Otorhinolaryngology, Kyushu University, Japan)

### LS1 Integrative Perspectives on Otologic Surgery, Sensorineural Hearing Loss, and Tinnitus: Prognosis and Quality of Life

NHO Tokyo Medical Center, Japan

Sho Kanzaki

## Symposium 7

14:00 - 15:30

### Thyroid

**Chairs:** Hidenori Inohara (Department of Otolaryngology-Head and Neck Surgery, the University of Osaka Faculty of Medicine, Japan)

Yi-Shing Leu (Taiwan Head Neck Society / Department of Otolaryngology, MacKay Memorial Hospital, Taiwan)

#### SY7-1 Chemotherapy and Targeted Therapies for Anaplastic Thyroid Cancer

Department of head and neck medical oncology, National Cancer Center Hospital East, Japan

Susumu Okano

#### SY7-2 Optimal RLN management for invasive thyroid cancer with nerve monitoring

Department of Otorhinolaryngology, Kaohsiung Medical University Hospital, Kaohsiung Medical University, Taiwan / School of Medicine, College of Medicine, Kaohsiung Medical University, Taiwan.

Che-Wei Wu

#### SY7-3 Navigation-assisted Transoral Videolaryngoscopic Surgery for Retropharyngeal Lymph Node Dissection in Papillary Thyroid Carcinoma

Department of Otorhinolaryngology, Head and Neck Surgery, Tokyo Medical University, Japan

Takahito Kondo

#### SY7-4 From VANS to Robotic Excellence: A Surgeon's Stepwise Journey in Thyroid Surgery

Department of Otolaryngology-Head and Neck Surgery, Tri-Service General Hospital, National Defense Medical Center, Taiwan

Shao-Cheng Liu

#### SY7-5 From TORS to BABA: Expanding the Frontiers of Robotic Head and Neck Surgery

Department of Otolaryngology, E-Da Hospital, Taiwan / School of Medicine, College of Medicine, I-Shou University, Taiwan

Chih-Chun Wang

## Symposium 8

15:30 - 17:00

### Imaging

**Chairs:** Yukio Katori (Department of Otolaryngology-Head and Neck Surgery, Tohoku University, Japan)  
Tien-Chen Liu (National Taiwan University Hospital, Taiwan)

#### SY8-1 Fluorescence imaging for parathyroid grand

Department of Otolaryngology Head and Neck Surgery, Niigata University Graduate School of Medicine, Japan

Takeshi Takahashi

#### SY8-2 Prognostic significance of 3D-FLAIR MRI in Sudden SNHL

Department of Otorhinolaryngology, Nagoya University Graduate School of Medicine, Japan

Tadao Yoshida

#### SY8-3 Rapid Fluorescent Vital Imaging Techniques for Olfactory Epithelium Assessment

Department of Otolaryngology-Head and Neck Surgery, The University of Tokyo, Japan

Hironobu Nishijima

#### SY8-4 Ultrasound in ENT: A Game-Changer in Daily Surgical Practice

Department of Otolaryngology, National Taiwan University Hospital and National Taiwan University College of Medicine, Taipei, Taiwan

Chun-Nan Chen

#### SY8-5 Developing the A-mode Ultrasonography for Sphenoid Sinusitis Detection

Department of Otolaryngology, Head & Neck Surgery, Taipei Veterans General Hospital, Taiwan

Yu-Hua Lin

## Room 3 (2F, Noyori Conference Hall)

December 6

## Paper 1

8:50 - 9:35

## Head Neck 1

**Chair:** Akihiro Homma (*Department of Otolaryngology - Head & Neck Surgery, Faculty of Medicine and Graduate School of Medicine, Japan*)

**O01-01 Long-Term Assessment of Speech and Swallowing Function in Laryngopharyngeal Cancer Patients After J-Flap Reconstruction**

*Department of Otolaryngology Head and Neck Surgery, Linkou Chang Gung Memorial Hospital, Taoyuan, Taiwan / Voice Center; Linkou Chang Gung Memorial Hospital, Taoyuan, Taiwan / School of Medicine, Chang Gung University, Taoyuan, Taiwan*

Yi-An Lu

**O01-02 Active surveillance for Papillary micro carcinoma in Bangladesh, hurdle & hope**

*Bangladesh Specialized Hospital, Department of Otorhinolaryngology & Head-Neck Surgery, Bangladesh*

Dewan Mahmud Hasan

**O01-03 Treatment Consensus of Oropharyngeal Cancer in Taiwan**

*Department of Otolaryngology-Head Neck Surgery, MacKay Memorial Hospital, Taipei, Taiwan*

Yi-Shing Leu

**O01-04 Indocyanine green fluorescence for parathyroid gland identification and function prediction in BABA(Bilateral Axillo-Breast Approach) robotic thyroidectomy**

*Department of Otolaryngology, E-Da Hospital, Taiwan*

Chih-Chun Wang

**O01-05 Development of a Novel Syngeneic Vaccine Model Targeting Tumor-Associated Antigens for Head and Neck Cancer Immunotherapy**

*Asahikawa Medical University, Japan*

Takumi Kumai

## Paper 2

9:35 - 10:20

## Head Neck 2

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

**O02-01 Transoral Endoscopic Vestibular Approach for Parathyroid Surgery: A Systematic Review of Clinical Outcomes and Safety**

*Frimley Health NHS Foundation Trust, Wexham Park Hospital, Slough, United Kingdom*

Janvi Patel

**O02-02 Establishment of Biobank-Based Tumor Models and Exploration of CAR-T Therapy for Head and Neck Cancer**

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

Yoh-ichiro Iwasa

**O02-03 Circulating cancer-associated fibroblasts in head and neck squamous cell carcinoma: association with circulating tumor cells**

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

Kazuaki Chikamatsu

**O02-04 Standardized Four-Step Endoscopic Indocyanine Green Color Overlay Mapping Protocol for Parathyroid Identification in Total Thyroidectomy: Prospective Randomized Controlled Trial**

*Department of Otolaryngology, Head and Neck Surgery, Taichung Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Taichung, Taiwan*

Yi-Ting Chou

**O02-05 Tumor-width-to-tongue-width ratio: A novel predictor of cervical lymph node metastasis and prognosis in squamous cell carcinoma of the tongue**

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

Min-Chun Pennie Yang

**Paper 3**

10:30 - 11:15

**Head Neck 3**

**Chair:** **Ichiro Tateya** (*Department of Otolaryngology - Head and Neck Surgery, School of Medicine, Fujita Health University, Japan*)

**O03-01 Immunosenescence-based prognostic stratification in patients with head and neck squamous cell carcinoma**

*Department of Otorhinolaryngology, Gunma University Hospital, Japan*

Tomohiro Shimizu

**O03-02 Management of Carotid Blowout Syndrome in Patients with Head and Neck Cancer: Experience from a Single Institution**

*Department of Otorhinolaryngology, Kaohsiung Chang Gung Memorial Hospital, Taiwan / Chang Gung University College of Medicine, Kaohsiung, Taiwan / Kaohsiung Chang Gung Head and Neck Oncology Group, Cancer Center, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan*

Hui-Ching Chuang

**O03-03 Immune microenvironmental features and clinical outcomes of RM-1929 photoimmunotherapy**

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

Koichi Yoshizawa

**O03-04 Sialendoscopy with Intraductal Steroid Irrigation for Treatment of Radioactive Iodine-Induced Sialadenitis**

*Department of Otolaryngology, Head and Neck Surgery, E-da hospital, I-shou University, Kaohsiung, Taiwan*

Chien-Chung Wang

**O03-05 Extracapsular Dissection Versus Partial Superficial Parotidectomy: A Systematic Review and Meta-Analysis**

*Chang Gung Memorial Hospital, Keelung branch, Taiwan*

Yi-Chan Lee

**Paper 4**

11:15 - 12:00

**Head Neck 4**

**Chair:** **Takeshi Tsutsumi** (*Department of OtoRhinoLaryngology, Institute of Science Tokyo, Japan*)

**O04-01 Treatment Outcomes of External Auditory Canal Cancer at a Single Institution**

*Department of Otorhinolaryngology, Institute of Science Tokyo, Japan*

Takeshi Tsutsumi

**O04-02 Transoral robotic assisted surgery for large Schwannoma of the Lateral pharyngeal space**

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

Shao Chang

**O04-03 Neoadjuvant chemotherapy with paclitaxel, carboplatin, and cetuximab for locally advanced head and neck squamous carcinoma**

*Department of Otolaryngology, Head and Neck Surgery, Nagoya City University Graduate School of Medical Sciences, Japan*

Takuma Matoba

**O04-04 Endoscopic Laryngo-Pharyngeal Surgery (ELPS) for Early Laryngo-Pharyngeal Cancer: Experience at Our Department**

*Department of Otorhinolaryngology, Kumamoto University Graduate School of Medicine, Japan*

Hiddenori Katsura

**O04-05 Management of Near-Infrared Photoimmunotherapy-Induced Skin Injury Using Pedicled Flap Transfer: A Case Report**

*Department of Otorhinolaryngology, Nagoya University Graduate School of Medicine, Japan*

Mayu Shigeyama

## Paper 5

15:30 - 16:15

## Otology 1

**Chair:** Seiji Kakehata (*Endoscopic Ear Surgery Center, Ota General Hospital, Japan*)

**O05-01 A Novel Audiogram Model for Predicting the Prognosis of Sudden Sensorineural Hearing Loss**

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

**O05-02 Application of MRP and MIP reconstruction to temporal bone CT images in ear surgery**

*Department of Otolaryngology Head and Neck Surgery, Oita University Faculty of Medicine, Japan* Yoshinori Kadowaki

**O05-03 Management of Pneumolabyrinth with Endoscopic Fistula Repair: Challenges and Outcomes**

*Department of Otorhinolaryngology – Head and Neck Surgery, Taichung Tzu Chi Hospital, Taiwan* Chih Chi Yang

**O05-04 Advancing Otologic Surgery and Surgical Education with the 4K/3D Exoscope: Clinical Utility of VITOMTM Eagle**

*Department of Otolaryngology, Head & Neck Surgery, Kitasato University, Japan / Department of Molecular Genetics, Kitasato University, Japan* Kengo Yamamoto

**O05-05 Psychiatric comorbidity in patients with tinnitus or auditory hallucination and antipsychotic drug therapy, comorbid migraine, sleep evaluation, sound therapy and Shared Decision Making (SDM)**

*Department of Otorhinolaryngology, Psychiatry and Center for Dementia-Related Diseases, Yoshida Hospital, Japan / Department of Otorhinolaryngology, Head & Neck Surgery, Faculty of Medicine, University of Miyazaki, Japan* Kensuke Kiyomizu

## Paper 6

16:15 - 17:00

## Otology 2

**Chair:** Arata Horii (*Department of Otolaryngology Head and Neck Surgery, Niigata University, Japan*)

**O06-01 Evaluating Adaptive Functioning and Psychological Resilience in Japanese Youth with Hearing Impairment**

*Department of Otolaryngology, Head and Neck Surgery, Faculty of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University, Japan* Akiko Sugaya

**O06-02 Comparative Evaluation of Sleep Disturbance in Vestibular Migraine and Meniere's Disease**

*Department of Otolaryngology, Kaohsiung Chang Gung Memorial Hospital, Taiwan* Chao-Hui Yang

**O06-03 Stepwise Management of Patulous Eustachian Tube Dysfunction**

*Department of Otolaryngology, Head and Neck Surgery, Taichung Tzu Chi Hospital, Taiwan / School of Medicine, Tzu Chi University, Hualien, Taiwan* Cheng-Yu Hsieh

**O06-04 Putamen Hemorrhage Presenting as Simultaneous Bilateral Sudden Sensorineural Hearing Loss—A case report**

*Department of Otorhinolaryngology-Head and Neck Surgery, China medical University Hospital, Taichung, Taiwan* Hou-Kuang Chen

**O06-05 Technical Modifications to Prevent Postoperative Hearing Loss in Facial Nerve Decompression**

*Department of Otolaryngology – Head and Neck Surgery, Osaka Medical and Pharmaceutical University, Japan* Yusuke Ayani

## Room 4 (Noyori Conference Hall 1F, Conference room)

December 6

### Paper 7

8:50 - 9:30

#### Rhinology 1

**Chair:** Masaaki Teranishi (Department of Otolaryngology, Nagoya Medical Center, Japan)

**O07-01 Effectiveness of using a bioabsorbable implant (Latera) to treat nasal valve collapse in patients with nasal obstruction**

Flinders Medical Centre, Southern Adelaide Local Health Network, Adelaide, South Australia / Faculty of Healthy and Medical Sciences, The University of Adelaide, Adelaide, South Australia

Huyen Lai

**O07-02 Nasal Bacteriology and Prognostic Implications in Sinonasal and Nasopharyngeal Lymphomas: A Pilot Retrospective Study**

Department of Medical Education, Taipei Veterans General Hospital, Taipei, Taiwan / School of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan

Ting-Chi Pan

**O07-03 Effect of House Dust Mite Sublingual Immunotherapy on the Efficacy of Japanese Cedar Sublingual Immunotherapy Against Japanese Cypress Pollinosis**

Junior Resident Training Center, Inter National University of Health and Welfare Narita Hospital, Japan

Shunsuke Takano

**O07-04 Is radiological sinonasal disease associated with changes in craniofacial morphology in children? A retrospective CT study**

Department of Otorhinolaryngology, Sydney Children's Hospital, Randwick, Australia / University of New South Wales, Sydney, Australia

Cassie Dow

### Paper 8

9:30 - 10:25

#### Others 1

**Chair:** Meiho Nakayama (Meiho Sleep & Balance Clinic, Japan)

**O08-01 Diurnal Expression of Hypoxia-inducible Factor before and after Obstructive Sleep Apnea Surgery**

Department of Otolaryngology, Kaohsiung Chang Gung Memorial Hospital, Taiwan

Chung-Wei Lin

**O08-02 A Comparative Study of Tongue Base Ultrasonographic Morphology and Tissue Characteristics During Drug-Induced Sleep in Obstructive Sleep Apnea Patients**

Department of Otorhinolaryngology Head and Neck Surgery, Chang Gung Memorial Hospital, Linkou Branch, Taiwan

Wanni Lin

**O08-03 Experience with continuous IONM for the accessory nerve during neck dissection**

Department of Head and Neck Surgery, National Cancer Center Hospital East Japan, Japan

Toshifumi Tomioka

**O08-04 Potential Benefits of Sleep Surgery in the Prevention of Diabetes among Patients with Obstructive Sleep Apnea**

Department of Otorhinolaryngology, New Taipei City Tucheng Hospital, Taiwan

Chia-Chen Lin

**O08-05 Reduced Risk of Depression After Surgical Treatment for Pediatric Obstructive Sleep Apnea: A 10-Year Nationwide Cohort Study**

Department of Otorhinolaryngology, Taipei Medical University-Shuang Ho Hospital, Taiwan / Sleep center, Taipei Medical University-Shuang Ho Hospital, Taiwan / School of Public Health, College of Public Health, Taipei Medical University, Taipei, Taiwan

Yichih Lin

**O08-06 Tongue Pressure in Patients with Obstructive Sleep Apnea Syndrome**

Department of Otolaryngology-Head & Neck Surgery, Taipei Tzu Chi Hospital, Taiwan

Ying-Chieh Hsu

## Paper 9

10:30 - 11:15

## Rhinology 2

Chair: Takechiyo Yamada (Department of Otorhinolaryngology, Head and Neck Surgery, Akita University, Japan)

**O09-01 The quantification of P2X3 receptor expression in refractory upper airway tissue**  
 Department of Otorhinolaryngology, Head and Neck Surgery, Akita University, Japan Takechiyo Yamada

**O09-02 Prevalence and associated factors of self-reported olfactory dysfunction in Japan: Findings from a nationwide web-based cross-sectional survey**  
 Department of Otolaryngology-Head & Neck Surgery, Tohoku University Graduate School of Medicine, Japan Jun Suzuki

**O09-03 Septomeatoplasty Improves Mucociliary Clearance and Symptom Burden**  
 Department of Otolaryngology, Head and Neck Surgery, China Medical University Hospital, Taiwan Wen-Lung Huang

**O09-04 Dual blockade of IL-4 and IL-13 with dupilumab ameliorates sensorineural olfactory dysfunction in mice with eosinophilic sinonasal inflammation**  
 Taipei Veterans General Hospital, Taiwan Chien-Fu Yeh

**O09-05 The Impact of Oral Antihistamines on the Clinical Course of Acute Rhinosinusitis**  
 Department of Otolaryngology-Head and Neck Surgery, Taipei Veterans General Hospital, Taiwan Wen Ya Lee

## Paper 10

11:15 - 12:00

## Rhinology 3

Chair: Kota Wada (Department of Otorhinolaryngology, Toho University, Japan)

**O10-01 Two cases of squamous cell carcinoma of the paranasal sinuses with orbital invasion in which radiation therapy was performed first, followed by endoscopic transnasal resection of residual or recurrent tumors**  
 Division of Otorhinolaryngology Head & Neck Surgery, Department of Sensory & Locomotor Medicine, Faculty of Medical Sciences, University of Fukui, Japan Eiichi Kato

**O10-02 Split face comparison of topical arnica montana for post rhinoplasty ecchymosis and oedema**  
 Ear Nose and Throat, Ipswich Base Hospital, Queensland, Australia Hugh McMahon

**O10-03 The internal carotid artery may pass through the most posterior ethmoid sinus (Onodi cell)**  
 Department of Otorhinolaryngology, Toho University, Japan Kota Wada

**O10-04 Comparative Outcomes of Septomeatoplasty Combined with Posterior Nasal Neurectomy in Patients with Chronic Rhinitis**  
 Department of Otorhinolaryngology, China Medical University Hospital, Taichung, Taiwan / Graduate Institute of Biomedical Sciences, China Medical University, Taichung, Taiwan / School of Medicine, China Medical University, Taichung, Taiwan Liang-Chun Shih

**O10-05 Symptom and Quality of Life Improvement After Endoscopic Sinus Surgery in Patients with Chronic Rhinosinusitis Phenotypes**  
 Department of Otorhinolaryngology, China Medical University Hospital, Taiwan Yu Chun Kuo

## Luncheon Seminar 2

12:10 - 13:00

## Rakuten Medical K.K.

Chair: Pei-Jen Lou (Department of Otolaryngology, National Taiwan University College of Medicine, Taiwan)

**LS2 Important Key factor, "Tumor-immune microenvironment" and Relevant of therapies for Head and Neck Cancer**  
 Department of Otolaryngology-Head and Neck Surgery, Kyoto Prefectural University of Medicine, Japan Takahiro Tsujikawa

Paper 11

15:20 - 16:15

Laryngology 1

**Chair:** Kiminori Sato (*Department of Otolaryngology-Head and Neck Surgery, Kurume University School of Medicine, Japan*)

**O11-01 Growth and development of the human laryngeal functions**

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

**O11-02 Managing a Deep Neck Abscess in a Taiwanese Tourist in Japan: Language Barriers and Cross-border Coordination**

*Department of Otolaryngology Head and Neck Surgery, Toyama University, Japan / Department of Otolaryngology Head and Neck Surgery, Niigata University, Japan* Kento Ko

**O11-03 The Role of Cricothyroid Joint Ankylosis in Bilateral vocal cord immobility**

*Department of Otolaryngology Head and Neck Surgery, Taipei Tzu Chi Hospital, School of Medicine, Tzu Chi University, Taiwan, Republic of China* Wan Fu Su

**O11-04 REM-OSA as a physiological phenotype -the prevalence, clinical characteristic, and outcome predictor**

*Department of Otorhinolaryngology - Head and Neck Surgery, New Taipei Municipal Tucheng Hospital, New Taipei City, Taiwan* Chun Ting Lu

**O11-05 Transdisciplinary Intervention for Obesity Hypoventilation Syndrome: Prevalence, Clinical Predictors, and Surgical Outcomes**

*Department of Otorhinolaryngology-Head and Neck Surgery, Sleep Center, Linkou Chang Gung Memorial Hospital, Taoyuan City, Taiwan* Ya-Wei Hsiao

**O11-06 The Effects of the Dehydrated Human Amnion/Chorion Membrane on Shell-less Chorioallantoic Membrane after Photoangiolytic Laser Application**

*Shuang Ho Hospital, Taipei Medical University, Taipei, Taiwan* Ying-Ta Lai

Paper 12

16:15 - 17:00

Laryngology 2

**Chair:** Yoshihiko Kumai (*Department of otolaryngology Head and Neck Surgery Nagasaki Univeristy Hospital, Japan*)

**O12-01 interventional drug-induced sleep endoscopy -- a novel technique for sleep surgeon**

*Department of Otolaryngology, Chang-Gung Memorial Hospital, Linkou, Taiwan / Department of Medicine, Chang Gung University, Taiwan* Li-Jen Hsin

**O12-02 Effects of Obstructive Sleep Apnea Treatment on Blood Biomarkers of Alzheimer's Disease: A Prospective Clinical Study**

*Department of Otolaryngology - Head and Neck Surgery, Chiayi Chang Gung Memorial Hospital, Taiwan* Yun-Ting Wang

**O12-03 Preliminary results of a novel oxygenation protocol for CO2 laser repair of deep interarytenoid notch and type 1 laryngeal cleft**

*Ear, Nose, Throat and Otolaryngology, Perth Children Hospital, Child and Adolescent Health Service, Australia* Adam Zhao

**O12-04 Histological Changes in the Acute Phase Following Single-Dose Radiation Exposure to the Mouse Vocal Fold Lamina Propria**

*Department of Otolaryngology Head and Neck Surgery Graduate School of Biomedical Sciences, Nagasaki University, Nagasaki, Japan* Yoshihiko Kumai

**O12-05 Comorbid Insomnia and Sleep Apnea (COMISA): Impact of Airway Surgery on Insomnia and different subtypes**

*Department of Otolaryngology-Head and Neck Surgery, New Taipei Municipal Tucheng Hospital, Taiwan (Built and Operated by Chang Gung Medical Foundation)* Yichieh Lee

## Posters (Toyoda Auditorium Atrium)

December 6

### Poster

14:00 - 15:30

#### Otology

- P01 Recidivism risk and staged surgery indications based on the details of recidivism in pediatric congenital cholesteatoma**  
*Department of Otorhinolaryngology-Head and Neck Surgery, Hyogo Medical University, Japan* Riu Nishimura
- P02 Combined Galvanic Cervical and Ocular VEMP Abnormalities Predict Prolonged Dizziness in Vestibular Neuritis**  
*Department of Otorhinolaryngology, Far Eastern Memorial Hospital, Taiwan* Chih-Ming Chang
- P03 Mechanistic Insights and Therapeutic Potential of Methylprednisolone and D-Methionine in an Animal Model of Acoustic Trauma**  
*Department of otolaryngology, Far Eastern Memorial Hospital, Taiwan* Po-Hsuan Wu
- P04 Comparison Between Furosemide-Loaded VEMP and Gadolinium Enhanced Inner Ear MRI**  
*Department of Otorhinolaryngology, Head and Neck Surgery, University of Toyama, Japan* Hideharu Abe
- P05 Molecular biological analysis of ectopic hair cells during mouse cochlear development**  
*Department of Otorhinolaryngology, Toho University Ohashi Medical Center, Japan / Department of Otorhinolaryngology, The Jikei University School of Medicine, Japan / Department of Anatomy, The Jikei University School of Medicine, Japan* Tomokatsu Udagawa
- P06 Insulin-like growth factor 1 protects cochlear outer hair cells against cisplatin**  
*Department of Otolaryngology-Head and Neck Surgery, School of Medicine, Fujita Health University, Japan / Department of Otolaryngology, Head and Neck Surgery, Graduate School of Medicine, Kyoto University, Japan* Kohei Yamahara
- P07 A case of a deaf patient with hereditary hearing impairment and bilateral chronic otitis media who could restart conversation after tympanoplasty**  
*Department of Otorhinolaryngology, Toho University Ohashi Medical Center, Japan* Mika Nakano
- P08 INTRALUMINAL LYMPHOID TISSUE AS A CAUSE FOR EUSTACHIAN TUBE DYSFUNCTION**  
*Queensland Health, Australia* Hugh McMahon
- P09 General Surgeons as First Responders to Auricular Hematoma for South Asian Kabaddi Players [poster]**  
*Department of Surgery, Combined Military Hospital, Pakistan* Muhammad Raza
- P10 Quality of Life Evaluation of Family Members Supporting Cochlear Implant Recipients**  
*Department of Otolaryngology-Head and Neck Surgery Sapporo Medical University, Japan* Sumito Jitsukawa
- P11 The long-term outcome of sac and shunt operation assessed by Hydrops MRI**  
*Department of Otolaryngology, Far Eastern Memorial Hospital, Taiwan* Yi-Ho Young
- P12 Anatomical and Electrophysiological Evaluation of FLEXsoft Electrodes Fully Inserted into the Second Cochlear Turn**  
*Department of Otolaryngology, Head and Neck Surgery, Graduate School of Medicine, Kyoto University, Kyoto, Japan / Department of Otolaryngology, Teikyo University Hospital, Mizonokuchi, Japan* Keishi Ueda
- P13 Endoscopic Ossiculoplasty Following Iatrogenic Malleus Extraction During Foreign Body Removal: A Rare Case Report and Technical Considerations**  
*Department of Otolaryngology-Head and Neck Surgery, Faculty of Medicine, Thammasat University, Thailand* Thunchanok Pootong
- P14 The Treatment Options for Refractory Meniere's Disease and Delayed Endolymphatic Hydrops: Endolymphatic Sac Surgery vs. Middle Ear Pressure Therapy**  
*Department of Otolaryngology-Head and Neck Surgery, Kindai University Medical School, Japan* Sayumi Konya

Poster

14:00 - 15:30

Rhinology

- P15 The Impact of Sinus Surgery for Chronic Rhinosinusitis on Concomitant Depression and Anxiety Symptoms: A Systematic Review and Meta-analysis**  
*National University of Singapore, Singapore* Xing Yi Cheah
- P16 Respiratory Management in 31 Cases of Congenital Choanal Atresia**  
*Department of Otorhinolaryngology, National Center for Child Health and Development, Japan* Kanako Imamura
- P17 Management of Nasal Rhinosporidosis In A Non-endemic Country**  
*Department of Otolaryngology, Woodlands Health, Singapore / Ministry of Health Holdings, Singapore* Kai Lin Joanna Ng
- P18 The Efficacy and Safety of Endoscopic vs Open Surgery in the Treatment of Nasolabial Cysts: A Systematic Review and Meta-Analysis**  
*Department of Otorhinolaryngology, Tan Tock Seng Hospital, Singapore* Clarissa Cheong
- P19 Nasal Surgery under Local Anesthesia How I Do It**  
*Department of Otorhinolaryngology, Toda Sasame ENT, Japan / Department of Otorhinolaryngology, Tokyo Women's University Adachi Medical Center, Japan* Keigo Nakagami
- P20 Assessment of symptom-specific responsiveness and treatment goals of biologics for postoperative recurrent eosinophilic chronic rhinosinusitis**  
*Department of Otorhinolaryngology-Head and Neck Surgery, Hyogo Medical University, Nishinomiya, Hyogo, Japan* Takahiro Saito
- P21 Incidentally Discovered Large Septochoanal Polyp in an Asymptomatic Patient – Case Report**  
*Department of Otorhinolaryngology, Cathay General Hospital, Taiwan* Sheng Wei Su
- P22 Withdrawn**
- P23 A Case of Malignant Lymphoma of the Paranasal Sinuses Discovered Due to Multiple Bone Lesions**  
*Department of Otolaryngology-Head and Neck Surgery, Graduate School of Medicine, Osaka Metropolitan University, Japan* Yumi Takemiya
- P24 Dupilumab for Chronic Rhinosinusitis with Nasal Polyps: A Case Series from Taiwan**  
*Department of Otolaryngology, Wan Fang Hospital, Taipei Medical University, Taipei, Taiwan / Department of Otolaryngology, School of Medicine, College of Medicine, Taipei Medical University, Taipei, Taiwan.* Po-Yueh Chen
- P25 A Case of Frontal Sinus Cholesterol Granuloma Treated by Endoscopic Surgery**  
*Department of Otolaryngology and Head and Neck Surgery, Osaka Metropolitan University Graduate School of Medicine, Japan / Department of Otorhinolaryngology and Pediatric Otorhinolaryngology, Yodogawa Christian Hospital, Japan* Yuichi Teranishi
- P26 Evaluation of the Effectiveness of Nasal Irrigation in Patients with Cedar Pollen Allergy**  
*Department of Otorhinolaryngology-Head and Neck Surgery, University of Fukui, Japan* Yukihiro Kimura

Poster

14:00 - 15:30

Laryngology

- P27 An Epidemiological Analysis of Vocal Fold Atrophy at Tokyo Voice Center**  
*Tokyo Voice Center, International University of Health and Welfare, Japan / Department of Epidemiology and Social Medicine, International University of Health and Welfare Graduate School of Public Health, Japan* Tomohiro Hasegawa
- P28 Tracheostomy Dependence in Hypopharyngeal Cancer: Prognostic Impact of Primary Chemoradiation**  
*Department of Otolaryngology-Head and Neck Surgery, Tri-Service General Hospital, National Defense Medical Center, Taipei, Taiwan* Kuan-Yu Chen
- P29 The rate of occult lesions in unilateral vocal fold paralysis with unknown causes**  
*Department of Otolaryngology Head and Neck Surgery, Far Eastern Memorial Hospital, New Taipei City, Taiwan* Hung-Wei Chen

- P30** **Detection of voice disorders by deep learning using optical microphone**  
*Department of Otolaryngology Head and Neck Surgery, Far Eastern Memorial Hospital, Taiwan* Chi-Te Wang
- P31** **A RARE CASE OF LARYNGEAL TUBERCULOSIS DURING PREGNANCY**  
*Queensland Health, Australia* Hugh McMahon
- P32** **Management of hypopharyngeal perforation complicated with pneumothorax and pneumomediastinum in an extremely low birth weight preterm infant**  
*Department of Otorhinolaryngology, Hsinchu MacKay Memorial Hospital, Taiwan* Chung-Yi Liao
- P33** **Three-Dimensional Analysis of Vocal Fold Nodules in Operatic Soprano Singers undergoing Microlaryngeal Surgery: Differences According to Voice Type Subcategories (Lyric vs. Dramatic)**  
*Tokyo Voice Center, International University of Health and Welfare, Japan / Department of Otorhinolaryngology, Nagoya University Graduate School of Medicine, Japan* Nobuaki Honda

## Poster

14:00 - 15:30

## Head and Neck

- P34** **Timosaponin AIII inhibits LMP1-mediated metastasis in nasopharyngeal carcinoma cells by targeting midkine/AKT/ER $\beta$  signaling axis**  
*Department of Otolaryngology, Chung Shan Medical University Hospital, Taichung, Taiwan / School of Medicine, Chung Shan Medical University, Taichung, Taiwan* Chun-Yi Chuang
- P35** **Cystic Neck Masses, a Diagnostic Challenge: Parotid Oncocytic Cystadenoma Masquerading as a Branchial Cleft Cyst in a Patient With Concurrent Papillary Thyroid Carcinoma**  
*Department of Otorhinolaryngology, Woodlands Health Campus, Singapore* Rui En, Rae-ann Lim
- P36** **Distribution of Adverse Pathological Features in Tongue, Buccal, and Other Subsites of Oral Cancer: A Nationwide Study**  
*Department of Otolaryngology, Far Eastern Memorial Hospital, New Taipei, Taiwan* Li-Jen Liao
- P37** **Diffuse Large B-cell Lymphoma of the Maxillary Sinus Presenting as Odontogenic Pain: A Rare Case Report**  
*Department of Otorhinolaryngology, Ton-Yen General Hospital, Taiwan* Chien Yang Chan
- P38** **A Case of Tracheal Resection for Papillary Thyroid Carcinoma with Staged Tracheal Reconstruction**  
*Department of Otolaryngology-Head and Neck Surgery, Hyogo Medical University, Japan* Masataka Nakamura
- P39** **Evaluation of Tracheostoma Enlargement Surgery for Permanent Tracheostoma Stenosis in Our Department**  
*Department of Otorhinolaryngology, Oita University Graduate School of Medicine, Japan* Kazuhiro Yoshinaga
- P40** **Lenvatinib for unresectable anaplastic thyroid cancer: real-world experiences in multi-institutional study**  
*Department of Otolaryngology, Head and Neck Surgery, Keio University School of Medicine, Tokyo, Japan* Takuya Mikoshiba
- P41** **Primary Intranodal Epithelioid Haemangioendothelioma in the Submandibular Region: A Case Report**  
*Griffith University, Gold Coast, Australia* Yun Shih
- P42** **Treatment outcomes for advanced oral cancer requiring mandibular resection and hemi-section**  
*Department of otorhinolaryngology-head and Neck Surgery, Graduate school of Medicine, University of the Ryukyus, Okinawa, Japan* Hiroyuki Maeda
- P43** **Sarcomatoid Carcinoma of the Vocal Cord: a Case Report**  
*Department of Otorhinolaryngology and Head and Neck Surgery, Ipswich Hospital, Australia / School of Medicine and Dentistry, Griffith University, Australia* Yun Shih
- P44** **Metachronous Occurrence of p16-Negative Branchiogenic Carcinoma and p16-Positive Oropharyngeal Carcinoma**  
*Department of Otolaryngology and Head and Neck Surgery, Graduate School of Medicine, Osaka Metropolitan University, Japan* Chiaki Nakahama

- P45 Successful Transoral Videolaryngoscopic Surgery for Hypopharyngeal Anaplastic Metastasis from Papillary Thyroid Cancer: A case report**  
*Department of Otorhinolaryngology, Nagoya University Graduate School of Medicine, Japan* Yuya Yokoyama
- P46 A systematic review and meta-analysis of the diagnostic performance of radiomics based models for thyroid nodules risk stratification**  
*Department of General Surgery, Changi General Hospital, Singapore* Naomi Huang
- P47 Recurrence Along the Endoscopic Access Pathway Following Endoscopic Thyroidectomy: A Case Report**  
*Department of Otorhinolaryngology, Head and Neck Surgery, Keio University School of Medicine, Japan / Department of Otorhinolaryngology, Tokyo Saiseikai Central Hospital, Japan* Ryoto Nagai
- P48 Discovery of Early Recovery of IR700 Fluorescence After Near-Infrared Photoimmunotherapy and Its Mechanistic Basis**  
*Department of Otorhinolaryngology, Head and Neck Surgery, Tokyo Medical University, Japan* Hideki Tanaka
- P49 Morphological Analysis of EBV-Infected Nasopharyngeal Carcinoma**  
*Division of Otolaryngology, Head and Neck Surgery, Graduate School of Medical Science, Kanazawa University, Japan* Natsumi Ishikawa
- P50 Parotid Gland Sarcoidosis: A Case Study of A Rare Extra-Pulmonary Manifestation in a Tertiary Hospital in Western Australia**  
*Department of Otorhinolaryngology Head & Neck Surgery, Joondalup Health Campus, Australia* Audrey Kim
- P51 Prevalence of HPV Infection in Nasopharyngeal Carcinoma Tissues of Patients Treated in Our Department**  
*Department of otolaryngology head and neck surgery, Kanazawa University, Japan* Luyao Liu
- P52 SMALL CELL NEUROENDOCRINE CARCINOMA OF THE NASAL CAVITY : REPORT OF ONE CASE**  
*Department of Otorhinolaryngology, Yuanlin Chistian Hospital, Taiwan* Shih-Yi Chuang

## Poster

14:00 - 15:30

## Other

- P53 An interesting case of subcutaneous emphysema: A case report**  
*Department of Otorhinolaryngology, Khoo Teck Puat Hospital, Singapore* Joy Xin Yi Au
- P54 Efficacy of Endoscopic Powered Intracapsular Tonsillectomy and Adenoidectomy for Pediatric Obstructive Sleep Apnea in Japan A Retrospective Case-Control Study**  
*Department of Pediatric Otolaryngology, Jichi Medical University, Japan* Makoto Ito
- P55 Subacute progressive bilateral impairment of balance and hearing is usually due to some grim disease: A case series**  
*Department of Neurology, Sunshine Coast University Hospital, Birtinya, Queensland, Australia / Griffith University, Southport, Queensland, Australia / University of Queensland, St Lucia, Queensland, Australia* Chester Yixuan Cao
- P56 Usefulness of the blink facial reflex in the early diagnosis of facial Synkinesis**  
*Department of Otolaryngology, Kobe Centennial Memorial Hospital, Japan* Junya Fujiki
- P57 An Integrated EEG-Respiratory Home Sleep Monitoring System for Sleep Staging and Arousal Detection in Obstructive Sleep Apnea Screening**  
*Department of Otolaryngology, College of Medicine, National Cheng Kung University, Tainan, Taiwan / Sleep Medicine Center, National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University, Tainan, Taiwan* Cheng-Yu Lin
- P58 Epicutaneous sensitization in BALB/c mice induces stronger systemic Th2 inflammation than intranasal sensitization despite comparable nasal eosinophilia**  
*Department of Otolaryngology Head and Neck Surgery, Kagoshima University Graduate School of Medical and Dental Sciences, Japan* Hiromi Nagano
- P59 Study on the Differential Evaluation of Normal and AdSD Speech Using Speech Analysis - This Study Analyzes Noises Preceding Vowels -**  
*Department of Otorhinolaryngology and Head and Neck Surgery, Fujita Health University School of Medicine, Japan* Yoshihiro Iwata

- P60 Delayed Post-Thyroidectomy Haemorrhage in a Patient on Rivaroxaban: A Perioperative Anticoagulation Challenge**  
*Department of Otorhinolaryngology and Head and Neck Surgery, Ipswich Hospital, Australia / School of Medicine and Dentistry, Griffith University, Australia*  
 Yun Shih
- P61 Effect of Dupilumab on Sleep Quality in Patients with Eosinophilic Chronic Rhinosinusitis: A Prospective Cohort Study**  
*Department of Otorhinolaryngology-Head and Neck Surgery, University of Occupational and Environmental Health, Japan*  
 Yuki Ito
- P62 Laryngeal Tuberculosis in Australia: An Unusual Cause of Odynophagia in a Pregnant Female**  
*Department of Otorhinolaryngology and Head and Neck Surgery, Ipswich Hospital, Australia / School of Medicine and Dentistry, Griffith University, Australia*  
 Yun Shih
- P63 Analyzing the drainage and complications experienced by one surgeon during the learning period at endoscopic thyroidectomy**  
*Department of Otorhinolaryngology, Chubu Rosai Hospital, Japan / Department of Otorhinolaryngology, Head and Neck Surgery, Aichi Medical University School of Medicine, Japan*  
 Rui Sano
- P64 Endoscopic Sodium Tetradecyl Sulfate Injection for Recurrent nasal and tongue bleeding in Hereditary Hemorrhagic Telangiectasia : A case report**  
*Department of Otorhinolaryngology, Taichung Tzuchi Hospital, Taiwan*  
 Yu-Hang Chen
- P65 Is a routine chest x-ray necessary in chronic cough patients?**  
*Singhealth Polyclinics, Singapore*  
 Gabriel Kai Yang Tan
- P66 Comorbid Insomnia and Obstructive Sleep Apnea (COMISA) Is Associated with Increased Cardiovascular Risk: Implications for ENT-led Integrated Sleep Care**  
*Department of Otorhinolaryngology, Fu Jen Catholic University Hospital, Fu Jen Catholic University, Taiwan / Sleep Center, Fu Jen Catholic University Hospital, Fu Jen Catholic University, Taiwan.*  
 Li Juan Fang
- P67 Effectiveness of preoperative drug-induced sleep endoscopy (DISE) for assessment of pediatric obstructive sleep apnea**  
*Otorhinolaryngology, National Defense Medical College, Japan / Otorhinolaryngology, Tokyo Metropolitan Ohtsuka Hospital, Japan*  
 Takahisa Watabe
- P68 Evaluation of the Efficacy of Oral Appliances for Obstructive Sleep Apnea in the Elderly**  
*Bishinkai Medical Corporation Kurosawa Hospital Health Park Clinic, Department of Dentistry and Oral Surgery*  
 Mitsunori Kobayashi
- P69 Comparison of Bacteriologies between Geriatric Rhinosinusitis with and without Nasal Polyps and Adult Rhinosinsitis with and without Nasal Polyps**  
*Department of Otolaryngology, Tungs' Taichung MetroHarbor Hospital, Taichung, Taiwan*  
 Rong-San Jiang
- P70 Development and In Vivo Evaluation of a Novel Bioabsorbable Polylactic Acid Middle Ear Ventilation Tube**  
*Department of Otolaryngology-Head and Neck Surgery, National Taiwan University Hospital, Taipei, Taiwan*  
 Ying-Chang Lu

## Room 1 (Toyoda Auditorium)

December 7

### Symposium 9

8:50 - 10:20

#### Basic/Translational Research

**Chair:** **Kiyoshi Misawa** (*Department of Otolaryngology/Head and Neck Surgery, Hamamatsu University School of Medicine, Japan*)

**SY9-1 Translating immune microenvironmental biomarkers into photoimmunotherapeutic strategies for head & neck cancer**

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

Takahiro Tsujikawa

**SY9-2 In vivo reprogramming unveils the trigger of reversible anaplastic transformation in thyroid cancer**

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

Hirofumi Shibata

**SY9-3 Preclinical study on pathogenesis and molecular targeted therapy for inner ear blast injuries**

*Department of Otolaryngology, Tokyo Women's Medical University Adachi Medical Center, Japan / Division of Bioinformation and Therapeutic Systems, National Defense Medical College Research Institute, Japan*

Kunio Mizutari

**SY9-4 The potential of wireless in-ear earphone swallow acoustic detection and machine learning**

*Department of Otolaryngology, Taipei Veterans General Hospital, Taiwan / Department of Otolaryngology, National Yang Ming Chiao Tung University, Taiwan*

Shyh-Kuan Tai

**SY9-5 Tumor glycosylation as a biomarker and target for immunotherapy in head and neck cancer**

*Department of Otolaryngology, National Taiwan University College of Medicine, Taiwan*

Pei-Jen Lou

### Symposium 10

10:30 - 12:00

#### Rhinology 2 (Endoscopic surgery)

**Chairs:** **Shin-Ichi Haruna** (*Department of Otorhinolaryngology, Dokkyo Medical University, Japan*)  
**Chih-Wen Twu** (*Department of Otolaryngology-Head and Neck Surgery, Changhua Christian Hospital, Taiwan*)

**SY10-1 Control of Eosinophilic Rhinitis and Sinusitis Centered on Surgery**

*Department of Otorhinolaryngology, JCHO Osaka Hospital, Japan / Department of Otorhinolaryngology, Head and Neck Surgery, Osaka University, Japan*

Yohei Maeda

**SY10-2 Endoscopic Transorbital Approach for Sinonasal lesion**

*Department of Otorhinolaryngology, University of Tsukuba, Japan*

Shuho Tanaka

**SY10-3 Endoscopic sinus surgery for improvement of olfactory dysfunction in eosinophilic chronic rhinosinusitis**

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

Masayoshi Kobayashi

**SY10-4 Unilateral and bilateral CRS**

*Department of Otorhinolaryngology, Mackay Memorial Hospital, Taiwan / Mackay Medical University, Taiwan*

Ying-Piao Wang

**SY10-5 Consistency between subjective and objective allergic rhinitis**

*Department of Otorhinolaryngology, China Medical University Hospital, Taiwan / School of Medicine, China Medical University, Taiwan / Department of Healthcare Services Administration, China Medical University, Taiwan*

Chih-Jaan Tai

## Room 2 (Toyoda Auditorium Symposion)

December 7

### Symposium 11

8:50 - 10:20

#### Sleep

**Chairs:** **Meiho Nakayama** (*Meiho Sleep & Balance Clinic, Japan*)  
**Hsueh-Yu Li** (*Chang Gung Memorial Hospital, Taiwan*)

#### **SY11-1 Orthostatic dysregulation and sleep-wake disorders in adolescents**

*Department of Otolaryngology, Nagoya Medical Center, Japan / Meiho Sleep & Balance Clinic, Japan*

Masaaki Teranishi

#### **SY11-2 Pediatric sleep-disordered breathing**

*Linkou Chang Gung Memorial Hospital, Taiwan / Chang Gung University, Taiwan / National Tsing Hua University, Taiwan*

Li-Ang Lee

#### **SY11-3 Rhinological approach to OSA in Japan**

*Dept. of Otorhinolaryngology, Teikyo University Chiba Medical Center, Japan*

Masaaki Suzuki

#### **SY11-4 Sleep apnea and Alzheimers disease**

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

Ming-Shao Tsai

#### **SY11-5 Allergy and pediatric sleep apnea**

*Department of Otolaryngology - Head and Neck surgery, Kawasaki Medical School, Japan*

Hiroataka Hara

#### **SY11-6 Myofunctional therapy for snoring and obstructive sleep apnea**

*Department of Otolaryngology, National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University, Tainan, Taiwan*

Cheng-Yu Lin

### Symposium 12

10:30 - 12:00

#### Head and Neck 2 (Onco-Surgical management)

**Chairs:** **Shigeru Hirano** (*Department of Otolaryngology HNS, Kyoto Prefectural University of Medicine, Japan*)  
**Chih-Yen Chien** (*Department of Otolaryngology Head & Neck Surgery, Kaohsiung Chang Gung Memorial Hospital / Doctoral Program of Clinical and Experimental Medicine, National Sun Yat-sen University, Taiwan*)

#### **SY12-1 Survival outcome superiority of total pharyngolaryngectomy in comparison with chemoradiotherapy for T4aM0 hypopharyngeal squamous cell carcinoma: A nationwide database study of Japan**

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

Go Omura

#### **SY12-2 Submental flap in palatal defects reconstruction**

*Department of otolaryngology head and neck surgery, Tri-Service General Hospital, National Defense Medical University, Taiwan*

Jih-Chin Lee

#### **SY12-3 Systemic Therapy for Salivary Gland Carcinoma: Current Evidence and Future Perspectives**

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

Hideaki Takahashi

#### **SY12-4 Molecular analysis of the surgical margin in oral cavity cancer patients**

*Department of Oto-Rhino-Laryngology Head Neck Surgery, Taichung Veterans General Hospital, Taiwan / Faculty of Medicine, School of Medicine, National Yang Ming Chao Tung University, Taiwan*

Shih-An Liu

#### **SY12-5 Preliminary outcomes of boron neutron capture therapy for head and neck cancers as a treatment covered by public health insurance system in Japan**

*Department of Otorhinolaryngology-Head and Neck Surgery, Osaka Medical and Pharmaceutical University, Japan*

Ichita Kinoshita

#### **SY12-6 Neoadjuvant Chemotherapy and Transoral Surgery in Oropharyngeal Cancer: A Paradigm Shift Towards De-escalation of Adjuvant Therapy**

*Department of Otorhinolaryngology Head & Neck Surgery, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan*

Hsing-Hao Su

## Room 3 (2F, Noyori Conference Hall)

December 7

### Paper 13

8:50 - 9:35

#### Head Neck 5

**Chair:** Yasushi Fujimoto (Dept. of Otolaryngology-Head and Neck Surgery, Aichi Medical University, Japan)

**O13-01 A case of thyroid undifferentiated carcinoma , pharyngeal-skin fistula closed with fascia lata and pectoralis major flap**

Department of Otolaryngology-Head & Neck Surgery, Kawasaki Medical School, Japan

Okimasa Saito

**O13-02 Withdrawn**

**O13-03 Vocal cord paralysis and Prognostic Nutritional Index are risk factors for dysphagia after definitive chemoradiotherapy/radiotherapy for T3 hypopharyngeal cancer**

Department of Otorhinolaryngology, Hokkaido University Hospital, Japan

Hayato Imanari

**O13-04 Endoscopic-Assisted Thyroidectomy: Enhancing Precision and Safety Beyond Small Wounds**

Department of Otorhinolaryngology, head and neck Surgery, Taichung Tzu Chi Hospital, Taiwan / School of medicine, Tzu-Chi University, Taiwan

Yi Fan Chou

**O13-05 Concurrent Chemoradiotherapy for Synchronous Hypopharyngeal and Esophageal Cancer: A Retrospective Study**

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

Ryo Ishii

### Paper 14

9:35 - 10:20

#### Otology 3

**Chair:** Shinichi Iwasaki (Department of Otolaryngology & Head and Neck Surgery, Nagoya City University Graduate School of Medical Sciences, Japan)

**O14-01 Analysis of the factors affecting disabilities in patients with bilateral vestibulopathy**

Department of Otolaryngology & Head and Neck Surgery, Nagoya City University Graduate School of Medical Sciences, Japan

Shinichi Iwasaki

**O14-02 The impact of cochlear implantation on tinnitus: Insights from data-logging**

Department of Otorhinolaryngology, Nagoya University Graduate School of Medicine, Japan

Masatoshi Hasegawa

**O14-03 Invisible saccule in 3T MRI: insights into inner ear vulnerability and fluid dynamics**

Department of Otorhinolaryngology, Nagoya University Graduate School of Medicine, Japan

Masumi Kobayashi

**O14-04 A Case of Cycling biologic therapy in a Patient with Eosinophilic Otitis Media, Bronchial Asthma, and Eosinophilic Chronic Rhinosinusitis**

International University of Health and Welfare, Narita hospital Otolaryngology, Head and Neck Surgery, Japan / International University of Health and Welfare Hospital, Otolaryngology, Japan

Ryo Takagi

**O14-05 The effects of basic fibroblast growth factor and gelatin sponge administration on blast-induced tympanic membrane perforation in mice**

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

Shingo Yasutake

## Room 4 (Noyori Conference Hall 1F, Conference room)

December 7

## Paper 15

8:50 - 9:35

## Laryngology 3

**Chair:** Taku Yamashita (Department of Otorhinolaryngology–Head and Neck Surgery, Kitasato University School of Medicine, Japan)

**O15-01 Patient outcomes in Awake balloon dilatation of subglottic stenosis under local anaesthesia utilizing non-occlusive Trachealator™ balloon**

Department of Otolaryngology, Monash Medical Centre, Monash Health, Melbourne, Australia

Kieran Dunne

**O15-02 Characteristics of Preoperative Drug-Induced Sleep Endoscopy in Patients with Uvulopalatopharyngoplasty Failure**

Department of Otorhinolaryngology, China Medical University Hospital, Taiwan

Li-An Su

**O15-03 Effects of Office-based Steroid Injections on Vocal Cord Lesions**

Department of Otorhinolaryngology, China Medical University Hospital, Taiwan

Yu-Hsiang Hung

**O15-04 A Nationwide Survey on the Epidemiology, Management Assessment, and Prognosis of Inhalation Injuries**

Department of Otorhinolaryngology–Head and Neck Surgery, Kitasato University School of Medicine, Japan

Taku Yamashita

**O15-05 Endoscopic Cricopharyngeal Myotomy: When and How? In the Post-treatment Phase of Head and Neck Cancer Patients**

China Medical University hospital, Taiwan

Yung-An Tsou

## Paper 16

9:35 - 10:30

## Others 2

**Chair:** Miki Takahara (Department of Otolaryngology-Head and Neck Surgery, Asahikawa Medical University, Japan)

**O16-01 Dysgeusia after comprehensive treatment for oral cavity cancer**

Department of Oto-Rhino-Laryngology Head Neck Surgery, Taichung Veterans General Hospital, Taiwan / Faculty of Medicine, School of Medicine, National Yang Ming Chao Tung University, Taiwan / Department of Medical Research, China Medical University Hospital, Taiwan

Shih-An Liu

**O16-02 Effect of tonsillectomy on Palmoplantar Pustulosis and analysis of clinical factors contributing to postoperative improvement of Skin Lesions**

Department of otolaryngology Head and Neck Surgery, Asahikawa medical university, Japan

Miki Takahara

**O16-03 Three Cases of Pharyngeal Injury Caused by Toothbrushes**

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

Munetsugu Nagahama

**O16-04 Improving tonsillectomy outcomes in areas with limited surgical access**

Department of Otorhinolaryngology, Tweed Valley Hospital, Australia

Cassie Dow

**O16-05 Creating palatal growth curves for early intervention to treat OSA**

University of New South Wales, Sydney, Australia

Cassie Dow

**O16-06 Do We Really Need the Scan? Rising CT Use in Peritonsillar Abscess**

Department of Otorhinolaryngology, Tweed Valley Hospital, Cudgen, Australia

Cassie Dow

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