

Bulletin 2023

Japanese Society
of Otorhinolaryngology-Head
and Neck Surgery



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Japanese Society of Otorhinolaryngology-Head and Neck Surgery



Prof. Emeritus
Shingo Murakami
Chairman, Board of Directors

Prof. Koichi Omori
Vice Chair, Board of Directors

Prof. Ken-ichi Nibu
Vice Chair, Board of Directors

Prof. Emeritus Tatsuya Yamasoba
Board of Directors, International Committee

Prof. Seiji Kakehata
Board of Directors, International Committee

Four years have passed since the COVID-19 pandemic spread worldwide. COVID-19 has significantly affected the field of otolaryngology, clinical practice, surgical management of patients, and academic conferences. However, it is over and now we face a brighter future. In 2023, two international meeting, CORLAS 2023 and 9th Asia Pacific Pediatric Otolaryngology Group conference were held in Japan as a face to face manner. We also signed up MOU contract between Korean Society of Otorhinolaryngology-Head and Neck Surgery on November 19, which will promote academic and personal exchanges between two countries. Furthermore, we are now proceeding ISIAN & IRS meeting in 2024 and The 16th Asia Oceania ORL-HNS Congress in 2027.

The aim of the Bulletin of the Japanese Society of Otorhinolaryngology-Head and Neck Surgery is to introduce the activities of the society, including education regarding otolaryngology, head and neck surgery in Japan, scientific meetings held by the society and its subspecialty branches, publication of the official international journal “Auris Nasus Larynx”, and contribution to and activities in IFOS. Founded in 1893, our society has a history of 131 years, making it the longest running medical association among those affiliated with the Japanese Medical Science Federation. We have over 11,000 members, including approximately 2,000 working at university hospitals. The society is composed of 15 subspecialty societies related to otolaryngology head and neck surgery, as shown in Table 1. Each society has an annual meeting and an official journal, which contains topics, guidelines, and educational materials in its own field. Each society presents awards for outstanding papers and presentations annually. Auris Nasus Larynx (ANL) is the official journal of the Oto-Rhino Laryngological Society of Japan. ANL is an international journal which accepts high quality clinical and scientific papers from across

the world. Its acceptance rate is as low as about 20%, and its impact factor reaches near 1.7. ANL covers a wide range of areas related to otolaryngology such as otology, neurotology, rhinology, laryngology, head and neck cancer, skull base tumor, balance, voice, swallowing, sleep apnea, pediatric otolaryngology, and airway. IFOS traces its root to Japan’s proposal during the 8th International Congress of Oto-Rhino-Laryngology, held in October 1965 in Tokyo, Japan, and we have continued to contribute to the expansion and development of IFOS in terms of education, attendance of the IFOS main congress and scientific meetings, and worldwide outreach. This bulletin provides our activities related to IFOS and our motivation and energy to host the IFOS congress again in Japan.

Table 1.

Subspecialty societies
Japan Audiological Society
Japan Society for Equilibrium Research
Japan Otological Society
Japan Rhinologic Society
Japan Broncho-Esophagological Society
Japan Society for Head and Neck Cancer
Japan Society of Logopedics and Phoniatrics
Japan Society of Facial Nerve Research
Japan Society of Immunology Allergology and Infection in Otorhinolaryngology
Japan Society for Pediatric Otorhinolaryngology
Society of Practical Otolaryngology
Japan Society of Stomato-Pharyngology
Japan Laryngological Association
Japan Society for Head and Neck Surgery
Society of Swallowing and Dysphagia of Japan

The 124th Annual Meeting of Japanese Society of Otorhinolaryngology-Head and Neck Surgery, 2023



Written by
Mioko Matsuo, MD, PhD
Assistant Professor,
Department of Otolaryngology-Head
and Neck Surgery, Kyushu University

The 124th Annual Meeting and Conference of the Japanese Society of Otolaryngology-Head and Neck Surgery (JORL-HNS) was held at the Fukuoka International Congress Center, Fukuoka, from May 17 to May 20, 2023, organized by Professor Takashi Nakagawa of Kyushu University. A total of more than 4600 members of the ORL society participated in the meeting, with 364 oral presentations and 225 poster presentations.

In the society's honorary lectures, Prof. Hidenori Inohara (Osaka University) gave us a lecture on "HPV-Associated Oropharyngeal Carcinoma-Prescription for Control-", and Prof. Hiromi Kojima (Jikei University School of Medicine) gave us a lecture on "Elucidation of the Pathogenesis of Middle Ear cholesteatoma and New Treatment Strategies by Regeneration of the Mucosa". In the clinical lectures, Prof. Takaki Miwa (Kanazawa Medical University) gave us a lecture on "Olfactory dysfunction - Clinical Approach based on Pathophysiology-" and Prof. Takeshi Shimizu (Shiga University of Medical Science) gave us a lecture on " Pathogenesis and control of upper respiratory tract inflammation-Tackling the Clinical Question-". As special invited lectures, Mr. Akira Takata (CEO and the founder of Japanet TAKATA Co., Ltd, A and Live Co., Ltd) gave us a lecture on " Life is a Journey to Find the Bottleneck - Live each day to the fullest-" and Mr. Kouji Karaike (Director and Advisor of Kyushu Railway Company and

creator of the luxury sleeper train Nanatsuboshi in Kyushu) gave us a lecture on "The Power of Dreaming Creates Spirits". Three distinguished lecturers were invited internationally. Jhon S. Oghalai (University of Southern California, USA) gave us a lecture on "Paradigm Shift in Thinking about Meniere's Disease," Ken Yanagisawa (Saint Raphael Campus of Yale New Haven Hospital, USA) gave us a lecture on "Otorhinolaryngology's Magic" and Yang-Sun Cho (Sungkyunkwan University, Korea) gave us a lecture on " Comprehensive Management of Congenital Ear Anomaly". Finally, as a president's lecture, Prof. Takashi Nakagawa talked on "Living with the hearing impaired". All were excellent presentations, and thanks to them, the atmosphere at the venue was very exciting.

The style of JORL-HNS meeting has changed dramatically after post Covid-19 pandemic. The participants could take full advantage of live, hot discussions on-site and the on-demand viewing to catch up with the missed lectures. Those who could not physically attend the meeting could also view the selected lectures. Thanks to the many presenters and participants, this conference was very energetic and powerful, with the venue overflowing with audience members and active discussion at the conference venue.

We believe that this congress will lead to further development of the field of otorhinolaryngology and head and neck surgery in the future.



Prof. Takashi Nakagawa
President,
The 124th Annual Meeting of Japanese
Society of Otorhinolaryngology-Head
and Neck Surgery
Department of Otolaryngology - Head
and Neck Surgery, Kyushu University

Lecture	Theme	Speaker	Affiliation
Society's honorary lectures	HPV-related oropharyngeal carcinoma - Prescription for control-	Hidenori Inohara	Department of Otorhinolaryngology-Head and Neck Surgery, Osaka University Graduate School of Medicine
	Clarification of pathogenesis for middle ear cholesteatoma and new and innovative treatment strategies of mucosal regeneration	Hiromi Kojima	Department of Otorhinolaryngology, Jikei University School of Medicine
Special lectures	Life is a journey to find the bottleneck - Live each day to the fullest-	Akira Takata	Japanet TAKATA Co., Ltd. A and Live Co., Ltd
	The power of dreaming creates spirits	Kouji Karaike	Kyushu Railway Company
Internationally invited lectures	A paradigm shift in our thinking about Meniere's disease	John S. Oghalai	University of Southern California, USA
	The magic of otolaryngology	Ken Yanagisawa	Saint Raphael Campus of Yale New Haven Hospital, USA
	Comprehensive management of congenital ear anomaly	Yang-Sun Cho	Sungkyunkwan University, Korea
President's lecture	Living with the hearing impaired	Takashi Nakagawa	Department of Otorhinolaryngology and Head & Neck Surgery, Kyushu University
Presidential clinical lectures	Olfactory dysfunction: Diagnosis and treatment approach based on pathophysiology	Takaki Miwa	Department of Otorhinolaryngology, Kanazawa Medical University
	Pathophysiology and regulation of upper airway inflammation -Challenging clinical questions-	Takeshi Shimizu	"Department of Otorhinolaryngology-Head and Neck Surgery Shiga University of Medical Science"

Signing of a Memorandum of Understanding (MOU) between the Japanese Society of Otorhinolaryngology-Head and Neck Surgery (JORL-HNS) & the Korean Society of Otorhinolaryngology-Head and Neck Surgery (KORL-HNS)



Prof. Seiji Kakehata
Board of Directors, International Committee

On November 19th, 2023, the Japanese Society of Otorhino laryngology-Head and Neck Surgery (JORL-HNS) and the Korean Society of Otorhinolaryngology-Head and Neck Surgery (KORL-HNS) signed a Memorandum of Understanding (MOU). This MOU formalized an agreement to deepen the ties between the two Societies through joint academic and personnel exchanges. As many of you are already aware of, such academic and personnel exchanges between Japan and Korea have already been taking place for more than 30 years under the auspices of the Japan-Korea Joint Meeting of Otorhinolaryngology Head and Neck Surgery (JKJM). However, our two Societies had yet to formally recognize the establishment of the JKJM. The occasion of the MOU Signing Ceremony offered both the chance to look back on the history of the JKJM and build a new relationship between the Japanese and Korean Societies of Otorhinolaryngology-Head and Neck Surgery.

MOU Signing Ceremony

The Signing Ceremony was held at 8:00 a.m. on the morning of November 19th at the Pacifico Yokohama, Minato Mirai, Yokohama. The Korean side was represented by the four participants of Chairman Se-Heon Kim; General Secretary Sung Huhn Kim; Director of International Affairs, Jae-Jin Song; and Director of the Scientific Committee, In Seok Moon. The Japanese side was represented by Shingo Murakami as the Chairman of JORL-HNS, Cochairman Koichi Omori; Cochairman Kenichi Nibu; Directors of the International Committee, Tatsuya Yamasoba, Seiji Kakehata; Director Yukio Katori (Chair of the 37th Autumn Seminar of the JORL-HNS); Director Hidenori Inohara (Chair of the 125th Annual Meeting of the JORL-HNS); and Professor Emeritus Yoshiaki Nakai of Osaka City University (now Osaka Metropolitan University) who organized the 2nd JKJM which was the first to be held in Japan. Director Seiji Kakehata presided over the ceremony.

The Ceremony began with the signing of the agreement by Dr. Shingo Murakami, Chairman of the Japanese Society of Otorhinolaryngology-Head and Neck Surgery and Dr. Se Heon Kim, Chairman of the Korean Society of Otolaryngology, Head and



Neck Surgery. They both affirmed the importance of this MOU and pledged to promote a relationship of friendship and cooperation between our two Societies. Dr. Shingo Murakami then gave the Keynote Lecture which focused on the history and achievements of JKJM and the direction that our Societies should together aim for into the future. The Keynote Lecture was followed by a speech by Dr. Se-Heon Kim. Then, Dr. Jae Jin Son gave a presentation on the internationalization efforts of KORL-HNS in his capacity as Director of the International Committee. Finally, Dr. Yoshiaki Nakai gave a speech to celebrate this occasion. The 50-minute Signing Ceremony was conducted in a formal yet cordial atmosphere. I would like to thank the many Society members who attended the ceremony despite the early hour.

The 16th Asia Oceania Association of Oto-Rhino-Laryngological Society Congress 2027



Congress Chair
Prof. Shigeru Hirano



General Secretary
Prof. Seiji Kakehata



Advisory Board
**Prof. Emeritus
Tatsuya Yamasoba**



Advisory Board
**Prof. Emeritus
Yoshiaki Nakai**

It is our great pleasure and honor to host the 16th Asia Oceania Association of Oto-Rhino-Laryngological Society Congress in March 23-26 (Tue-Fri), 2027, at Kyoto, Japan. This was decided at the bidding in Brisbane on March 11th, 2023. We really appreciate every support and cooperation of the board members.

The theme of 2027 meeting is the innovation in otorhino laryngology and head and neck region, possibly including genetic and proteomic developments in hearing loss, sensory deficits, cancerization, and aging, and the innovation of devices or sciences related to novel technology for the treatment of difficult diseases, such as electrical stimulation system for OSAS, robotic surgical system and photoimmunotherapy for head and neck cancers, advancement of cochlear implant, gene therapy or genome-based therapies. Several plenary sessions, keynote lectures, symposiums, and panels are to be scheduled.

Educational aspects are also most important to grow more certified or subspecialized surgeons and scientists. Worldwide exchange of information and distribution of knowledge are essential. Educational sessions for young surgeons and scientists are

also considered.

Kyoto is located at the center of Japan, had been the capital for 1000 years until the capital was moved to Tokyo about 100 years ago. Kyoto is the center city of Japanese culture, tradition, art, religion, etc. In mean time, Kyoto is the modern city with innovative science and technology supported by many corporations and universities. Several Noble prizes have come out from Kyoto. Kyoto also is one of the top cities for travel with a plenty of temples, shrines, museums, historical spots, emperor's palace, and others. We have great restaurants that provide traditional Japanese cuisine called "Kaiseki" as well as modernized style of food.

We are confident that everybody will have a wonderful time in Kyoto by exchanging scientific and surgical innovations, developing firm friendships, and experiencing Japanese culture and traditions. We look forward to welcoming you from all countries throughout Asia and Oceania.

The Research Encouragement Award in 2022



Hirofumi Shibata, MD, PhD

Associate Professor,
Department of Otolaryngology-Head and Neck Surgery
Gifu University Graduate School of Medicine

I appreciate the great honor of receiving the Research Encouragement Award of the Japanese Society of Otorhino laryngology-Head and Neck Surgery in 2022. I want to express my sincere gratitude to everyone involved in my research projects.

The Induced Pluripotent Stem Cell (iPS cell) technology has enabled to evoke pure epigenomic changes by overexpressing four kinds of transcription factors set (Oct3/4, Sox2, Klf-4, c-Myc). In graduate school, I researched this technology as a tool to modify the epigenomic landscape of cancer and induce dedifferentiation. We revealed that epigenomic changes are essential to cause cancer. Furthermore, we showed that undifferentiated cancer could be formed by prolonging forced expression of pluripotency-related transcription factors (Shibata H et al.: Nat Commun 2018, Taguchi J, Shibata H, et al.: Nat Commun 2021).

Inspired by these studies, we are researching applying iPS technology to the head and neck region. A representative example is research on anaplastic thyroid cancer. Anaplastic thyroid cancer is thought to develop from differentiated thyroid cancers through anaplastic transformation, but the detailed mechanism is unknown. We hypothesized that anaplastic transformation is provoked by pluripotency-related dedifferentiation. First, immunohistochemistry showed pluripotency-related protein expression in human anaplastic thyroid cancer tissues. Then, public gene expression data was modified, revealing that human anaplastic thyroid cancer exhibits characteristics intermediate between papillary thyroid cancer and human pluripotent stem cells (ES/iPS cells). We aim to establish a mouse model of anaplastic thyroid cancer and investigate the mechanism of anaplastic transformation in vivo.

Also, I research the personalized cancer peptide vaccine using head and neck cancer model mice. Cancer vaccines are active immunotherapy in which cancer-related antigens are externally administered to stimulate acquired immunity, mainly via activating antigen-specific CD8+ T cells. In cancer vaccine therapy, it is common to administer epitopes (MHC-I epitopes) that stimulate antigen-specific CD8+ T cells that differentiate into cytotoxic T cells. We focused on the importance of MHC-II epitopes to activate CD4+ T cells, especially type-I helper T cells. We revealed that

when the MHC-I/II overlapping epitope is administered to stimulate both CD4/CD8+ T cells, a significantly stronger anticancer effect was observed compared to the MHC-I epitope alone (Shibata H et al. Oncoimmunology 2021). Currently, we are applying this technology to research whether personalized cancer vaccines can be applied to head and neck cancers.

Encouraged by this award, I will continue researching and make my best effort to contribute to developing research in otorhinolaryngology and head and neck surgery.

The Research Encouragement Award in 2022

**Sho Kurihara, MD, PhD**

Department of Otorhinolaryngology-Head and Neck Surgery
Jikei University School of Medicine

I am profoundly honored to have been awarded the Research Encouragement Award by the Japanese Society of Otorhinolaryngology-Head and Neck Surgery for the fiscal year 2022. I extend my deepest gratitude to all the esteemed colleagues who have contributed to my research endeavors.

The inner ear can be affected by acoustic trauma, genetic diseases, and ototoxic drugs. This can lead to permanent sensorineural hearing loss because of the limited regenerative capacity of hair cells and spiral ganglion neurons, which are important components of the inner ear. While gene and regenerative therapies have been proposed as new treatment approaches, no effective therapy has been conclusively proven. In this context, nucleic acid therapeutics targeting molecules like RNA and DNA, which conventional small-molecule and antibody therapeutics cannot, emerge as a promising novel treatment modality.

Though reports on nucleic acid therapeutics for hearing loss treatment are scarce, they have been impactful. Lentz et al. demonstrated that administering antisense oligonucleotides to Usher syndrome model mice improved vestibular function and low-frequency hearing loss (Lentz et al., *Nature Medicine*. 2013). Shibata et al. showed that introducing an RNAi-loaded viral vector to a Tmc1 mutation mouse model successfully halted hearing loss progression (Shibata et al., *The American Journal of Human Genetics*. 2016). These studies illuminate the potential of nucleic acid therapeutics in treating hearing loss, though they primarily involve juvenile mice, pointing to the need for human cell and tissue research for clinical application.

In the rapidly advancing field of regenerative medicine, utilizing organoids, which are artificial organs on a dish, has garnered significant attention. By adding appropriate factors at precise times to stem cells like induced pluripotent stem cells (iPSCs), it is possible to replicate specific tissues on a dish. Organoids can be utilized for drug efficacy assessment and disease state analysis, offering a valuable tool for organs difficult to obtain from humans, like the inner ear. My doctoral research led to the world's first drug efficacy evaluation using human iPSC-derived inner ear organoids (Kurihara, *Stem Cells Translational Medicine*. 2022).

My current research involves a combination of “nucleic acid therapeutics” and “human iPSC-derived inner ear organoids” to develop a novel therapy for cisplatin-induced hearing loss. My previous research has shown that administering cisplatin to inner ear organoids induces cell death, accompanied by an increase in cleaved caspase-3 expression, implicating apoptosis. Thus, a strategy aiming at P53 suppression to provide protective effects against apoptosis appears feasible. Specifically, antisense oligonucleotides, which inhibit the translation of mRNA by cleavage to target mRNA, optimized for the human P53 gene could offer a novel therapeutic approach. This has significant implications not only for drug-induced hearing loss but also for various forms of hearing loss involving apoptosis of inner ear cells.

Inspired by this award, I am committed to continuing my work and contributing to the advancement of otolaryngology and head and neck surgery. I am also dedicated to mentoring the next generation and ensuring our collective progress. By forming teams of otolaryngologists with shared ambitions, we can achieve greater accomplishments than any of us could achieve alone.

The Research Encouragement Award in 2022

**Hidenori Tanaka, MD, PhD**

Department of Otorhinolaryngology-Head and Neck Surgery,
Osaka University Graduate School of Medicine

It is a great honor to receive the 2022 Research Encouragement Award of the Japanese Society of Otorhinolaryngology-Head and Neck Surgery. I would like to express my appreciation to all those who provided their support in this study. This study was inspired by a case of locally advanced HPV-related oropharyngeal cancer that was cured despite failure to complete radiation therapy (Tanaka H et al, *Oral Oncol*. 2019.). When I entered graduate school, I began research about circulating tumor DNA (ctDNA), which is fragmented DNA that circulates in the blood from cancer tissues through apoptosis and necrosis and is attracting attention as a new biomarker. Circulating tumor HPV DNA (ctHPVDNA) in HPV-related cancers can be detected relatively easily by detecting HPV DNA sequence. I have been researching to detect ctHPVDNA using a highly sensitive detection technology called digital PCR, aiming for clinical application as a biomarker for HPV-related oropharyngeal cancer.

First, we found that ctHPVDNA can more accurately detect residual disease after treatment (Tanaka H et al, *Int J Cancer*. 2021.) by comparing PET-CT and ctHPVDNA 12 weeks after radiotherapy. Next, we measured ctHPVDNA before treatment, and found that both sensitivity and specificity exceeded 90%, and there was a good correlation with staging and tumor volume (Tanaka H et al, *Int J Cancer*. 2022.) . Furthermore, we analyzed ctHPVDNA of 21 cases treated by radiotherapy at every 10Gy, we found that the clearance pattern of ctHPVDNA varied greatly from case to case. Even more surprisingly, there were 12 cases in which ctHPDNA became undetectable after 40Gy, and all cases survived without recurrence. This suggests the possibility of identifying early responders by measuring ctHPVDNA during treatment (Tanaka H et al, *JCO Pres Oncol*. 2023.).

Currently, the standard treatment for locally advanced HPV-related oropharyngeal cancer is chemoradiotherapy using cisplatin and 70 Gy of radiation. Although the survival prognosis is better than that of non-HPV-related cancers, the functional prognosis is poor because the quality of life after treatment, such as dysphagia, deteriorates significantly. For this reason, various minimally invasive treatments have been attempted, mainly in Europe and the

United States, but they have not yet been mentioned in clinical guidelines. Based on our research, we aim to establish minimally invasive treatment based on ctHPVDNA. We plan a new interventional trial to monitor ctHPVDNA and administer low-dose radiation monotherapy to early responders. Furthermore, we would like to take on the challenge of identifying new biomarkers that can predict early responders before treatment. To this end, we are planning comprehensive genomic analyses, such as RNA-seq and ATAC-seq using tumor samples before treatment. We believe that this series of research will contribute to the development of minimally invasive and personalized treatment for HPV-related oropharyngeal cancer.

Encouraged by receiving this award, I will continue to work more actively on basic, translational, and clinical research on head and neck cancer, and strive to one day provide better treatment to patients suffering from head and neck cancer.

International Conferences Organized in Japan

Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum (CORLAS) 2023



President
Prof. Emeritus Tatsuya Yamasoba
Director, Tokyo Teishin Hospital

The Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum (CORLAS) 2023 was held at Hotel Chinzan-so Tokyo from August 27 to 30, 2023. CORLAS is composed of physicians and researchers who have made outstanding contributions to the research and development of otorhinolaryngology and head and neck surgery. To become a member of this society, candidates must be nominated by the members in their country and approved at the General Assembly. CORLAS holds an annual meeting to discuss various issues in basic and clinical sciences and to deepen friendship among members.

CORLAS 2023 started with the board meeting in the evening of Saturday, August 26, followed by a family tour to Kamakura on Sunday (55 participants) and a welcome reception in the evening. On Monday, August 28, the scientific program started by the announcement of Shambaugh Prize, Acta Prize, and Snow Tinnitus Award, followed by opening lectures, 'Japanese Archipelago-Global Warming, Natural Disasters and Mt. Fuji' by Dr. Kimitaka Kaga and 'The Origin of the Japanese from the Perspective of Deafness Genes' by Dr. Shinichi Usami, on behalf of Japanese members. The lectures were very well received by participants from overseas as a way to

deepen their understanding of Japan. The three-day conference also featured a keynote lecture 'Aging and Reverse Aging' by Dr. Kazuo Tsubota, two symposia 'Aging' and 'Regeneration and Reconstruction' and a total of 110 presentations. Dr. Ayako Maruyama of Tokyo Medical and Dental University, who gave a guest presentation at the meeting, received Benjamin Prize, which was presented and awarded at the Gala on Wednesday, August 30.

CORLAS 2023 was attended by a total of 242 participants, including 168 overseas participants and 74 domestic participants. All programs were held as scheduled, and through this conference, each participant was able to deepen his or her understanding of the latest research findings, diagnoses, and treatments from around the world. In addition, the gathering of CORLAS members together not only strengthened their bonds, but also created new friendships with their families.

After the conference, a post-congress tour was held from August 31 to September 2, and 40 participants enjoyed the beautiful nature in Japan, the Mt. Fuji and Hakone hot-spring area. The conference ended with good memories for CORLAS members and their families.



International Conferences Organized in Japan

The 9th Asia-Pacific Pediatric Otolaryngology Group Conference (APOG 2023)



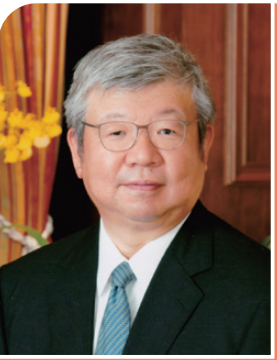
Written by
Nana Tsuchihashi, MD, PhD
Department of Otorhinolaryngology, Head and Neck Surgery, Kyushu University
Department of Otorhinolaryngology, Head and Neck Surgery, Hamanouchi Hospital

The 9th APOG conference was held on November 9-10, 2023 at the Beppu International Convention Center (B-con Plaza) in Beppu City, Japan, hosted by Prof. Takashi Nakagawa of Kyushu University.

Since the first APOG conference was convened in Manila in 2007 by the founding members from seven Asian countries, APOG conferences have been held once every two years. The meetings have taken place in Jakarta, Singapore, Kuala Lumpur, Taipei, Beijing, and Bangkok. Most recently, the 8th meeting was postponed one year due to COVID-19 and took place in Ho Chi Minh City in 2022. The 9th APOG conference was in conjunction with the 18th Annual Meeting of the Japanese Society of Pediatric Otolaryngology, organized by Dr. Noriko Morimoto of the National Center for Child Health and Development. More than 460 participants attended the meeting, including more than 80 from overseas.

The Keynote Lecture, which opened the meeting, was titled "Collaboration with international scientific communities" and focused on the internationalization of pediatric otorhinolaryngo logy. Dr. Noriko Morimoto of the Japanese Society of Pediatric Otolaryngology, Dr. Wei-Chung Hsu of APOG, and Dr. Kevin Pereira of ASPO (American Society of Pediatric Otolaryngology) each gave a lecture on the internationalization of pediatric otorhinolaryngology. The following symposiums and lectures were a mix of English and Japanese sessions, covering a wide range of topics from ear diseases such as OME and ear surgery to diagnosing and treating airway stenosis, OSA, Head and Neck Surgery, and more.

The joint hosting of the APOG conference and the Annual Meeting of the Japanese Society of Pediatric Otolaryngology provided a wonderful opportunity for participants from Japan, Asia, and around the world to exchange great knowledge and expertise in the field of pediatric otolaryngology. I believe that this conference will further promote the internationalization of pediatric otorhinolaryngology.



Prof. Takashi Nakagawa
President,
Department of Otolaryngology - Head
and Neck Surgery, Kyushu University



Board Meeting of APOG

International Conferences Organized in Japan

The 42nd Congress of the International Society of Inflammation and Allergy of the Nose (ISIAN) & The 24th Congress of the International Rhinologic Society (IRS)



President
Prof. Nobuyoshi Otori

Department of Otorhinolaryngology
Jikei University School of Medicine

We are thrilled to announce that the 42nd ISIAN and the 24th IRS will be held in Tokyo from April 4 to 6, 2024. It is a great pleasure and honor for me and The Jikei University as well as the Japanese Rhinologic Society to co-host these two traditional respected conferences.

ISIAN was founded by the late Professor Ryo Takahashi, and the first meeting was held in Tokyo in 1976. However, as a historical fact, the first meeting of IRS was organized by the late Professor Teruo Takasu in Kyoto, Japan in 1965. Therefore, both of these societies should be very familiar to all the members of the Japanese Rhinologic Society. In September 2011, my mentor, Professor Hiroshi Moriyama organized the IRS-ISIAN in Tokyo. Six months before that, which was in March of that year, Japan was hit by a major earthquake and Tsunamis, which unfortunately led to multiple nuclear power plant accidents, causing tremendous damage. In spite of these circumstances, a lot of members kindly and bravely still attended the conference. We will never forget and always appreciate all the encouragement and support we received from everyone. Therefore, we are honored to have this opportunity again and will do our best to make the 2024 conference as interesting and meaningful as possible for the rhinologists joining from all over the world.

The host city, Tokyo, is the capital of Japan and has two international airports, making it possible for members from many countries around the world to conveniently come to Japan by direct flights. The venue, Keio Plaza Hotel, is located in Shinjuku, the sub-center of Tokyo. With a great number of accommodations, restaurants, department stores, and entertainment facilities nearby, it is not only convenient, but also the perfect environment for having a good time. Of course, the security and cleanliness of the

city is world-class, so that your stay will be safe and secure.

The conference will feature symposiums, panel discussions, and instructional courses, as well as oral and poster presentations to discuss the latest basic research and clinical practices in a wide range of areas from rhinosinusitis, allergies, oncology, skull base and plastic surgery, etc. We will also have live surgery, cadaver dissection demo, and many hands-on seminars available as a major advantage for those who can visit on-site.

We look forward to seeing you all in Tokyo in April 2024 !



Local Meetings of Related Societies

Japan Audiological Society
Chair : Prof. Tatsuya Yamasoba



Written by
Assoc. Prof. Kunio Mizutari

Department of Otolaryngology,
National Defense Medical College.

Japan Audiological Society was officially established in 1956. During this time, the society has led the academic and clinical fields of audiology. The purposes and roles of the Japan Audiological Society are as follows: to nurture physicians with expert knowledge on the structure (anatomy and organization) and function (physiology) of hearing, pathology and pathophysiology of hearing loss, prevention of hearing loss and protection of hearing, diagnosis and treatment of hearing loss, and clarification of mechanisms of hearing impairment, development and evaluation of rehabilitation measures for hearing impairment, clarification of social disadvantages caused by hearing impairment and contribution to societal welfare.

The 68th Annual Congress of Japan Audiological Society

The 68th Annual Congress of the Japan Audiological Society was held from October 11th to 13th in Makuhari, Chiba prefecture, and was chaired by the Society President, Prof. Mitsuya Suzuki, Department of Otolaryngology, Toho University Sakura Hospital. The meeting was held under two main themes. The first theme was “hearing loss and frailty, dementia,” with a special lecture titled “Hearing intervention versus health education control to reduce cognitive decline in older adults with hearing loss in the USA(ACHIEVE): a multicenter, randomized controlled trial” by Prof. Frank R. Lin, Johns Hopkins University, USA. The second theme was “the current status of unilateral sensorineural hearing loss - problems and countermeasures –.” The program included two symposia on the main themes and a panel discussion on genetic hearing loss with expert panelists. There were also two educational seminars, six luncheon seminars, a sweets seminar, as well as 201 oral presentations. The congress was a great success with 830 participants.

Research groups on audiology

Japan Audiological Society has eight research groups as subordinate organizations. The research group includes ERA/EPA, hearing aids, inner ear distortion, genetic hearing loss, patulous Eustachian tube, tinnitus/hearing loss, auditory physiology, and

cartilage conduction hearing. These study groups hold congresses annually, attracting many participants and engaging in lively discussions.

Annual training courses in audiology

Japan Audiological Society has annual training courses on audiological topics, including audiometric tests (basic course and advanced course), hearing aids, and audiological seminar for physician. Every year, famous instructors give lectures and practical sessions on audiology, significantly contributing to improving the standards of hearing testing in Japan.

Local Meetings of Related Societies

Japan Society of Facial Nerve Research
Chair : Prof. Naohito Hato



Written by
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The Japan Society of Facial Nerve Research was founded in 1978. The Society is an interdisciplinary society of many medical specialties with 542 members, including otolaryngologists (66.1%), plastic surgeons (14.3%), neurosurgeons (7.2%), anesthesiologists (2.6%), rehabilitation physicians (1.3%) and neurologists (0.9%), as well as other medical specialists including speech therapists (3.4%), acupuncturists (2.5%), and physical therapists (2.3%). In its 45-year history, the Society has contributed to the dissemination of important information on the management of facial nerve paralysis, such as the Japan facial scoring system (Yanagihara score), the involvement of the herpes simplex virus in the development of Bell's palsy, and facial reanimation with free neuromuscular flap. The Society holds an annual meeting and publishes an annual volume of the official journal, Facial Nerve Research Japan, as its core activity.

46th Annual Meeting of the Japan Society of Facial Nerve Research

The 46th Annual Meeting of the Japan Society of Facial Nerve Research was held in Osaka, Japan from June 2 to 3, 2023, with the main theme of “All for a smile”, under the chair of Professor Shin-ichi Haginomori, Department of Otorhinolaryngology Head and Neck Surgery, Osaka Medical and Pharmaceutical University. The meeting sessions included 2 symposiums, 5 panel discussions, 2 training courses (facial nerve electrophysiological testing and facial rehabilitation), and 76 free papers. A total of 317 participants attended the meeting.

Clinical Practice Guidelines for Facial Nerve Paralysis 2023

The Japan Society of Facial Nerve Research has published a guideline for the management of facial nerve paralysis in May, 2023. 18 clinical questions were systematically reviewed and recommendations were made. Facial nerve decompression, intratympanic steroid administration, facial reconstructive surgery, facial rehabilitation therapy, acupuncture, and botulinum toxin therapy were newly recommended in this guideline for the management of facial paralysis.



Consultant Physicians and Medical Professions for Facial Nerve Paralysis

The Japan Society of Facial Nerve Research established the system of consultant physicians and medical professions (speech therapists, acupuncturists, physiotherapists, etc.) for facial nerve paralysis in 2021, to help patients find physicians and other specialists for facial paralysis, and to disseminate the standard care for facial paralysis. At present, 85 consultant physicians and 8 consultant medical professions have been certified by the Society and listed on the Society's website.

Local Meetings of Related Societies

Japan Society of Immunology and Allergology in Otolaryngology
Chair : Tomokazu Yoshizaki



Written by
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Annual meeting is recognized as the premier event of the year in the Japan Society of Immunology and Allergology in Otolaryngology (JIAIO). The 3rd Annual Meeting was held in Wakayama city from April 13 to 15, 2023, under the presidency of Prof. Muneki Hotomi, Department of Otolaryngology and Head and Neck Surgery, Wakayama Medical University. This annual meeting featured 1 presidential lecture, 2 special lectures, 4 symposia, 2 live sessions from USA, 1 basic research seminar, 1 special program, 4 special sessions, 1 theme session, 1 AMR (an action plan on antimicrobial resistance) seminar, luncheon seminars, sweets seminars and 108 oral presentations.

The Presidential lecture about “Senso- Immunology in ENT” was presented by Prof Muneki Hotomi. He showed mucosal immune responses and senso-immunology to pneumococcal infection in the nose related with TRP and olfaction. Special lecture 1 “Immune System and Dendritic Cell Subsets” was presented by Prof. Tsuneyasu Kaisho, Department of immunology, Institute for Advanced Medicine, Wakayama Medical University. He gave wonderful presentation about the roles of Type 1 conventional dendritic cell 1 (cDC1) in the immune systems. Special lecture 2 “Industry-Academia Collaboration during COVID19 pandemic in Japan” was presented by Mr. Isao Teshirogi, Representative CEO of SHIONOGI & CO., LTD. He presented a significant lecture about their recent strategy against infection and chemotherapy from the point of pharmaceutical company's view. International Coalition of Medicines Regulatory Authorities (ICMRA) in Japan, Strategic Center of Biomedical Advanced Vaccine Research and Development for Preparedness and Response (SCARDA) in Japan, the Operation Warp Speed (OWS) in USA and the Emergency Use Authorization (EUA) in USA were shown.

In Special Symposium “Recent advances in Olfactory Regeneration”, the lectures about Efficacy of toki-shakuyaku-san, Immunoglobulin treatment and roles of TRP in olfactory epithelium regeneration were shown. In Symposium 1 “Current situation of Aerosol Therapy”, aerosol/nebulizer therapy with/after covid 19 pandemic in Japan was discussed. In Symposium 2 “Recent Advances in Infection and Immune system”, the lectures

about Allergy with infection and Control of severe infection and Cytokine reaction with covid19 infection were discussed. In Symposium 3 “Current topics in treatment of allergic rhinitis during covid19 pandemic”, the lectures about allergic rhinitis therapy, cedar pollen allergy therapy and surgery during pandemic were discussed. In Symposium 4 “Epipharynx ablation therapy (EAT)”, attractive clinical findings and clinical application of EAT were discussed. An enjoyable program, “Challenge Virtual Reality in otolaryngology” was literally challenged. Masanobu Hiraoka, Department of Otolaryngology and Head and Neck Surgery, Wakayama Medical University, showed the patient's anatomy clearly in virtual reality space. All of the attendance, including the audience, joined and enjoyed the virtual reality. In live session from USA, two otolaryngologists researching in USA showed their laboratory on time and on line. As a social program, a wonderful violin concert by Prof. Kazuki Sawa, President of Tokyo University of the Arts, was held. All participants were impressed by his wonderful performance. More than 300 participants on site enjoyed this annual meeting and seafood in Wakayama city. The 4th annual meeting 2024 will be organized by Prof Hiroshi Iwai, Department of Otolaryngology and Head and Neck Surgery, Kansai medical university in Hirakata, Osaka. We are looking forward to seeing in Osaka.



Local Meetings of Related Societies

Society of Swallowing and Dysphagia of Japan
Chair : Prof. Toshiro Umezaki



Written by
Assoc. Prof. Rumi Ueha
Swallowing Center, the University of Tokyo

Our society has a history of approximately 40 years, starting with the establishment of the organization, the Japanese Swallowing Research Conference, in 1981. It was later renamed the Society of Swallowing and Dysphagia of Japan in 2004, and boasts a rich, unparalleled history in Japan. The official journal “Deglutition” is published twice a year. We have 1331 multidisciplinary specialists (342 females, 26%), including physicians, dentists, speech-language pathologists, and nurses, who are passionate about treatment and care of patients with dysphagia.

The 46th Annual Meeting of the Society of Swallowing and Dysphagia in Japan

The 46th Annual Meeting of the Society of Swallowing and Dysphagia in Japan was held from March 3rd to 4th in Nagoya, and was chaired by the Society President, Prof. Yasushi Fujimoto of Aichi Medical University. With “Let’s Discuss Swallowing Passionately!” as the theme of this meeting, we had 2 special lectures, 7 symposiums, 3 educational Seminars, 70 oral presentations, and 37 poster presentations, attended by 885 participants, much higher than last year’s number. Although the meeting took a hybrid approach, with both on-site and on-line participants because of the COVID-19 outbreak, many on-site

participants attended for a lively discussion, meeting face-to-face.

Institution of consultant doctors for swallowing and dysphagia

Our society accredits “consultant doctors for swallowing and dysphagia,” “consultant medical professionals for swallowing and dysphagia,” and “consultant dentists for swallowing and dysphagia,” who are commissioned by our society to provide swallowing consultation services to ensure that patients with dysphagia receive appropriate medical care. We have certified approximately 290 such specialists in Japan.

Professional activities: swallowing evaluation workshop, glossary of the swallowing and dysphagia conference

Our society organizes the swallowing evaluation workshop annually. The 2023 workshop was held in Tokyo on October 22nd, and was chaired by Prof. Takaharu Nito of National Center for Global Health and Medicine. We also understand that it is our mission to disseminate the correct terminology related to swallowing, and we are currently working on compiling a glossary of words used during the swallowing and dysphagia conference.



Forthcoming Events

Forthcoming Events	April 1, 2024 to March 31, 2025		
	Event President	Location	Period
Japanese Society of Otorhinolaryngology-Head and Neck Surgery	Hidehiko Inohara (Osaka University)	Osaka	May 15-18
Autumn Seminar of The Japanese Society of Otorhinolaryngology-Head and Neck Surgery	Takashi Nakagawa (Kyushu University)	Kyoto	November 30-December 1
Japan Society of Immunology Allergology and Infection in Otorhinolaryngology	Hiroshi Iwai (Kansai Medical University)	Hirakata	April 11-13
Japan Society for Head and Neck Cancer	Masahiro Nakagawa (Hamamatsu University)	Hamamatsu	June 20-21
Society of Practical Otolaryngology	Shigeharu Fujieda (Fukui University)	Fukui	June 28-29
Japan Society of Facial Nerve Research	Michihiro Kohno (Tokyo Medical University)	Tokyo	July 5-6
Japan Society for Pediatric Otorhinolaryngology	Kazuhiko Takeuchi (Mie University)	Ise	July 11-12
Japan Society of Stomato-Pharyngology	Muneki Hotomi (Wakayama Medical University)	Wakayama	September 5-6
Japanese Rhinologic Society	Manabu Nonaka (Tokyo Women's Medical University)	Tokyo	September 26-28
Japan Otological Society	Michihiko Sone (Nagoya University)	Nagoya	October 3-5
Japan Broncho-Esophagological Society	Yukio Katori (Tohoku University)	Sendai	October 15-16
Japan Society of Logopedics and Phoniatrics	Takeshi Oshima (Nihon University)	Tokyo	October 17-18
Japan Audiological Society	Ken Ito (Teikyo University)	Tokyo	October 24-25
Japan Society for Equilibrium Research	Shinichi Iwasaki (Nagoya City University)	Nagoya	November 13-15
Japan Society for Head and Neck Surgery	Hiromi Kojima (Jikei University)	Tokyo	January 30-31
Society of Swallowing and Dysphagia of Japan	Ken-ichi Nibu (Kobe University)	Kobe	February 21-22
Japan Laryngological Association	Shigeyuki Murono (Fukushima Medical University)	Fukushima	March 6-7