

・ 研究成果の刊行に関する一覧表

雑誌

- [1] Shearer AE, Eppsteiner RW, Booth KT, Ephraim SS, Gurrola J2nd, Simpson A, Black-Ziegelbein EA, Joshi S, Ravi H, Giuffre AC, Happe S, Hildebrand MS, Azaiez H, Bayazit YA, Erdai ME, Lopez-Escamez JA, Gazquez I, Tamayo ML, Gelvez NY, Leal GL, Jalas C, Ekstein J, Yang T, Usami S, Kahrizi K, Bazazzadegan N, Najmabadi H, Scheetz TE, Braun TA, Casavant TL, LeProust EM, Smith RJ. Utilizing ethnic-specific differences in minor allele frequency to recategorize reported pathogenic deafness variants. *Am J Hum Genet.* 95:445-453. 2014
- [2] Abe S, Nagano M, Nishio S, Kumakawa K, Usami S. High-frequency involved hearing loss Caused by Novel Mitochondrial DNA Mutation in 16S Ribosomal RNA Gene. *Otol Neurotol.* 35: 1087-1090. 2014
- [3] Ishikawa K, Naito T, Nishio S, Iwasa Y, Nakamura K, Usami S, Ichimura K. A Japanese family showing high-frequency hearing loss with *KCNQ4* and *TECTA* mutations. *Acta Otolaryngol.* 134:557-563. 2014
- [4] Yano T, Nishio S, Usami S, deafness gene study consortium. Frequency of mitochondrial mutation in non-syndromic hearing loss as well as possibly responsible variants found by whole mitochondrial genome screening. *J Hum Genet.* 59:100-106. 2014
- [5] Miyagawa M, Nishio S, Usami S. Mutation spectrum and genotype-phenotype correlation of hearing loss patients caused by *SLC26A4* mutations in the Japanese: a large cohort study. *J Hum Genet.* 59: 262-268. 2014
- [6] Yoshimura Y, Iwasaki S, Nishio S, Kumakawa K, Tono T, Kobayashi Y, Sato H, Nagai K, Ishikawa K, Ikezono T, Naito Y, Fukushima K, Oshikawa C, Kimitsuki T, Nakanishi H, Usami S. Massively Parallel DNA Sequencing Facilitates Diagnosis of Patients with Usher Syndrome Type 1. *PLoS ONE.* 9:e90688. 2014
- [7] Nakagawa T, Kumakawa K, Usami S, Hato N, Tabuchi K, Takahashi M, Fujiwara K, Sasaki A, Komune S, Sakamoto T, Hiraumi H, Yamamoto N, Tanaka S, Tada H, Yamamoto M, Yonezawa A, Ito-Ihara T, Ikeda T, Shimizu A, Tabata Y, Ito J. A randomized controlled clinical trial of topical insulin-like growth factor-1 therapy for sudden deafness refractory to systemic corticosteroid treatment. *BMC Medicine.* 12:2-8. 2014
- [8] 工 穰: 単一遺伝子異常と疾患 難聴と眼の異常. *JOHNS.* 30:727-732. 2014
- [9] 西尾信哉、宇佐美真一: 難聴における遺伝子医療の現状. *医学のあゆみ.* 250: 371-377. 2014
- [10] 宇佐美真一: 知っておきたい甲状腺診療 4 Pendred 症候群の診断と治療. *MB ENT.* 172: 53-58. 2014

- [11] Nishio S, Hayashi Y, Watanabe M, Usami S. Clinical Application of a Custom AmpliSeq Library and Ion Torrent PGM Sequencing to Comprehensive Mutation Screening for Deafness Genes. *Genet Test Mol Biomarkers*. 19: 1-9. 2015
- [12] Miyagawa M, Nishio S, Sakurai Y, Hattori M, Tsukada K, Moteki H, Kojima H, Usami S. The Patients Associated with *TMPRSS3* Mutations are Good Candidates for Electric Acoustic Stimulation. *Ann Otol Rhinol Laryngol* 124: 193-204. 2015
- [13] Tsukada K, Ichinose A, Miyagawa M, Mori K, Hattori M, Nishio S, Naito Y, Kitajiri S, Usami S. Detailed Hearing and Vestibular Profiles in the Patients with *COCH* Mutations. *Ann Otol Rhinol Laryngol* 124: 100-110. 2015
- [14] Miyagawa M, Nishio S, Hattori M, Takumi Y, Usami S. Germinal Mosaicism in a Family with BO Syndrome. *Ann Otol Rhinol Laryngol*. 124: 118-122. 2015
- [15] Mori K, Moteki H, Kobayashi Y, Azaiez H, Booth KT, Nishio S, Sato H, Smith RJ, Usami S. Mutations in *LOXHD1* Gene Cause Various Types and Severities of Hearing Loss. *Ann Otol Rhinol Laryngol* 124:135-141. 2015
- [16] Mori K, Miyanohara I, Moteki H, Nishio S, Kurono Y, Usami S. Novel Mutations in *GRXCR1* at DFNB25 Lead to Progressive Hearing Loss and Dizziness. *Ann Otol Rhinol Laryngol*. 124:129-134. 2015
- [17] Moteki H, Azaiez H, Booth KT, Hattori M, Sato A, Sato Y, Motobayashi M, Sloan CM, Kolbe DL, Shearer AE, Smith RJ, Usami S. Hearing Loss Caused by a *P2RX2* Mutation Identified in a MELAS Family with a Coexisting Mitochondrial 3243AG Mutation. *Ann Otol Rhinol Laryngol*. 124:177-183. 2015
- [18] Ichinose A, Moteki H, Hattori M, Nishio S, Usami S. Novel Mutation in *LRTOMT* Associated with Moderate Progressive Hearing Loss in Autosomal Recessive Inheritance. *Ann Otol Rhinol Laryngol*. 124:142-147. 2015
- [19] Nishio S, Usami S. Deafness Gene Variations in a 1120 Nonsyndromic Hearing Loss Cohort: Molecular Epidemiology and Deafness Mutation Spectrum of Patients in Japan. *Ann Otol Rhinol Laryngol*. 124:49-60. 2015
- [20] Miyagawa M, Nishio S, Ichinose A, Iwasaki S, Murata T, Kitajiri S, Usami S. Mutational Spectrum and Clinical Features of patients with *ACTG1* Mutations identified by Massively Parallel DNA Sequencing. *Ann Otol Rhinol Laryngol*. 124: 84-93. 2015
- [21] Sakuma N, Moteki H, Azaiez H, Booth KT, Takahashi M, Arai Y, Shearer AE, Sloan CM, Nishio S, Kolbe DL, Iwasaki S, Oridate N, Smith RJ, Usami S. Novel *PTPRQ* Mutations Identified in Three Congenital Hearing Loss Patients with Various Types of Hearing Loss. *Ann Otol Rhinol Laryngol*

124: 184-192. 2015

- [22] Moteki H, Shearer AE, Izumi S, Kubota Y, Azaiez H, Booth KT, Sato A, Sloan CM, Kolbe DL, Shearer AE, Smith RJ, Usami S. De Novo Mutation in X-Linked Hearing Loss-Associated *POU3F4* in a Sporadic case of Congenital Hearing Loss. *Ann Otol Rhinol Laryngol.* 124: 169-176. 2015
- [23] Miyagawa M, Nishio S, Hattori M, Moteki H, Kobayashi Y, Saton H, Watanabe T, Naito Y, Oshikawa C, Usami S. Mutations in the *MYO15A* Gene are a Significant Cause of Nonsyndromic Hearing Loss: Massively Parallel DNA Sequencing-Based Analysis. *Ann Otol Rhinol Laryngol.* 124: 158-168. 2015
- [24] Tsukada K, Fukuoka H, Usami S. Vestibular Functions of Hereditary Hearing Loss Patients with *GJB2* Mutations. *Audiol Neurootol.* 20: 147-152. 2015
- [25] Miyagawa M, Nishio S, Kumakaa K, Usami S. Massively Parallel DNA Sequencing Successfully Identified Seven Families with Deafness-Associated *MYO6* Mutations: The Mutational Spectrum and Clinical Characteristics. *Ann Otol Rhinol Laryngol.* 124: 148-157. 2015
- [26] Moteki H, Yoshimura H, Azaiez H, Booth KT, Shearer AE, Sloan CM, Kolbe DL, Murata T, Smith RJ, Usami S. *USH2* Caused by *GPR98* Mutation Diagnosed by Massively Parallel Sequencing in Advance of the Occurrence of Visual Symptoms. *Ann Otol Rhinol Laryngol.* 124:123-128. 2015
- [27] Yoshimura H, Oshikawa C, Nakayama J, Moteki H, Usami S. Identification of a Novel *CLRN1* Gene Mutation in Usher Syndrome Type 3 : Two Case Reports. *Ann Otol Rhinol Laryngol.* 124:94-99. 2015
- [28] Yoshimura H, Hashimoto T, Murata T, Fukushima K, Sugaya A, Nishio S, Usami S. Novel *ABHD12* Mutations in PHARC Patients: The Differential Diagnosis of Deaf-Blindness. *Ann Otol Rhinol Laryngol.* 124:77-83. 2015
- [29] Iwasa Y, Moteki H, Hattori M, Sato R, Nishio S, Takumi Y, Usami S. Non-ocular Stickler Syndrome with a Novel Mutation in *COL11A2* Diagnosed by Massively Parallel Sequencing in Japanese Hearing Loss Patients. *Ann Otol Rhinol Laryngol* 124:111-117. 2015
- [30] Tsukada K, Nishio S, Hattori M, Usami S. Ethnic-Specific Spectrum of *GJB2* and *SLC26A4* Mutations: Their Origin and a Literature Review. *Ann Otol Rhinol Laryngol.* 124:61-76. 2015
- [31] 鬼頭良輔、森健太郎、宇佐美真一：突発性難聴に対するステロイド鼓室内投与症例の検討。耳鼻臨床。108:267-272. 2015
- [32] 藤原崇志、岡田昌浩、吉田正、白馬伸洋、羽藤直人、暁清文。愛媛県下における突発性難聴の疫学調査。愛媛医学 33:182-186, 2014.
- [33] Hakuba N, Ikemune K, Okada M, Hato N. Use of ambulatory anesthesia with manually assisted ventilation for tympanic membrane regeneration therapy in children. *Am J Otolaryngology*

- 36:153-157, 2014.
- [34] Takagi T, Gyo K, Hakub N, Hyodo J, Hato N. Clinical features, presenting symptoms and surgical results of congenital cholesteatoma based on Patsic's staging system. *Acta Otolaryngol* 134: 462-467, 2014.
- [35] Hakuba N, Tabata Y, Hato N, Fujiwara T, Gyo K. Gelatin hydrogel with basic fibroblast growth factor for tympanic membrane regeneration. *Otol Neurool* 35: 540-544, 2014.
- [36] Okada M, Gyo K, Takagi T, Fujiwara T, Takahashi H, Hakuba N, Hato N. Air-bone gap in ears with a well-repaired tympanic membrane after Type III and Type IV tympanoplasty. *Auris Nasus Larynx* 41: 153-159, 2014.
- [37] Yoshida T, Suga K, Kato M, Otake H, Kato K, Teranishi M, Sone M, Sugiura S, Kuno K, Pyykkö I, Naganawa S, Watanabe H, Sobue G, Nakashima T. Endolymphatic space size in patients with vestibular migraine and Ménière's disease. *Nakada T, J Neurol* 261; 2079-2084:2014
- [38] Uchida Y, Sugiura S, Sone M, Ueda H, Nakashima T. Progress and prospects in human genetic research into age-related hearing impairment. *Biomed Res Int* 2014;390601:2014
- [39] Nakashima T, Sato H, Gyo K, Hato N, Yoshida T, Shimono M, Teranishi M, Sone M, Fukunaga Y, Kobashi G, Takahashi K, Matsui S, Ogawa K. Idiopathic sudden sensorineural hearing loss in Japan. *Acta Otolaryngol* 134;1158-1163:2014
- [40] Yoshida T, Sone M, Naganawa S, Nakashima T. Patient with an *SLC26A4* gene mutation who had low-frequency sensorineural hearing loss and endolymphatic hydrops. *J Laryngol Otol* in press
- [41] Maeda Y, Nishizaki K, et al. Dexamethasone regulates cochlear expression of deafness-associated proteins myelin protein zero and heat shock protein 70, as revealed by iTRAQ proteomics. *Otol Neurotol* in Press.2015.
- [42] Maeda Y, Nishizaki K, et al. Steroid-dependent sensorineural hearing loss in a patient with Charcot-Marie-Tooth disease showing auditory neuropathy. *Auris Nasus Larynx* 2014 Epub ahead of print.
- [43] Chizu Saito, Kotaro Ishikawa, Ken-ichi Nakamura, Akifumi Fujita, Michio Shimizu, Noriyoshi Fukushima, Hiroshi Nishino, Keiichi Ichimura. A Melanocytic Lesion Extending From the Right Ear to the Nasopharynx in a Pediatric Patient: A Case Report. *Ann Otol Rhinol Laryngol*. 2015
- [44] 石川浩太郎 :【疾患と病態生理】 壊死性外耳道炎 . *JOHNS* 2015;31(2):253-256.
- [45] Sato H, Kawagishi K: Detection of labyrinthine artery in patients with idiopathic sudden sensorineural hearing loss by 7-T MRI. *Otolaryngol Head Neck Surg* 150(3):455-459, 2014
- [46] Nakashima T, Sato H , Gyo K, Hato N, Yoshida T, Shimono M, Teranishi M, Sone M, Fukunaga Y, Kobashi G, Matsui S, Ogawa K: Idiopathic sudden sensorineural hearing loss in Japan. *Acta*

- Otolaryngol 134 : 1158-1163, 2014
- [47] Mizukawa A, Sato H, Nakasato T: Limited detection of the internal auditory artery by 3-T MRI. J Iwate Med Assoc 66 (5): 209-215, 2014
- [48] Kondo M, Kiyomizu K, Goto F, Kitahara T, Imai T, Hashimoto M, Shimogori H, Ikezono T, Nakayama M, Watanabe N, Akechi T. Analysis of vestibular-balance symptoms according to symptom duration: dimensionality of the Vertigo Symptom Scale-short form. Health Qual Life Outcomes 13 (1).2015
- [49] 丸山 絢子, 野口 佳裕, 池園 哲郎, 西尾 綾子, 本田 圭司, 高橋 正時, 鈴木 康弘, 喜多村 健: ELISA 法による CTP 検査で診断された外リンパ瘻確実例. Otolology Japan 24(2):123-128 . 2014.
- [50] 坂本 圭 , 小淵 千絵, 城間 将江, 松田 帆, 関 恵美子, 荒木 隆一郎, 池園 哲郎: 人工内耳装用者の聴覚的時間情報処理に関する研究 倍速音声に対する統語修復の効果. Audiology Japan 57(1):92-98 . 2014.
- [51] 新藤 晋 , 杉崎 一樹, 伊藤 彰紀, 柴崎 修, 水野 正浩, 松田 帆, 井上 智恵, 加瀬 康弘, 池園 哲郎 新しい半規管機能検査法 video Head Impulse Test Equilibrium Research 73(1):22-31 . 2014.
- [52] 和田哲郎: 騒音性難聴 . 耳鼻臨床 . 2014 ; 107 : 660-661
- [53] 松永達雄: よくわかる遺伝子 単一遺伝子異常と疾患 難聴と内分泌の異常 JOHNS : 東京 2014; 30(6):741-744
- [54] 松永達雄: 難聴の遺伝子診断・遺伝子治療. 脳 21 : 東京 2014;17(3):290-292
- [55] Masuda S, Namba K, Mutai H, Usui S, Miyanaga Y, Kaneko H, Matsunaga T. A Mutation in the Heparin-Binding Site of Noggin as a Novel Mechanism of Proximal Sympalangism and Conductive Hearing Loss. Biochem Biophys Res Commun 2014; 447(3):496-502
- [56] 大友章子、南修司郎、永井遼斗、松永達雄、榎本千江子、坂田英明、藤井正人、加我君孝 Waardenburg 症候群 2 型に対する、人工内耳埋め込み術後の聴覚・言語発達について.耳鼻咽喉科・頭頸部外科. 2015;87(2):173-175
- [57] 加我君孝 : 『2 つの耳』—左右の耳の形と聴こえの改善手術— 第 8 集 2014 . 第 9 回青空の会、第 8 回 TC の会 .
- [58] 加我君孝 : 『2 つの耳』—左右の耳の形と聴こえの改善手術— 第 9 集 2015 . 第 10 回青空の会、第 9 回 TC の会 .
- [59] 熊川孝三、熊谷文愛、射場恵、阿倍聡子、三澤建、加藤央、武田英彦、原田綾、山田奈保子、鈴木雪江、宇佐美真一 : 遺伝学的検査が有用であった小児の残存聴力活用型人工内耳症例。 Audiology Japan 57:135-142, 2014.

- [60] 熊川孝三、三澤建、加藤央、武田英彦：アブミ骨手術時の floating footplate への対処法と予後. *Otol Japan* 24: 209-214, 2014.
- [61] 射場恵、熊谷文愛、熊川孝三、三澤建、武田英彦：片側高度難聴における植込型骨導補聴器 (BAHA) の装用効果—伝音難聴と感音難聴、それぞれの効果と有用な評価法について—耳鼻臨床 107:675-683, 2014.
- [62] 後藤隆史、東野哲也、松田圭二．耳小骨奇形を伴った乳突洞限局性先天性真珠腫の一例．*Otol Jpn*, 2014;24(1);34-38.
- [63] 中島崇博、東野哲也．先天性アブミ骨固着症の難聴病態と手術．*Otol Jpn*, 2014;24(5);829-833.
- [64] Suzuki M, Sakamoto T, Kashio A, Yamasoba T. Age-related morphological changes in the basement membrane in the stria vascularis of C57BL/6 mice. *European Archives of Oto-Rhino-Laryngology* in press.
- [65] Fujimoto C, Yamasoba T. Oxidative stresses and mitochondrial dysfunction in age-related hearing loss. *Oxid Med Cell Longev*. 2014;582849.
- [66] 山岨達也、越智 篤：聴覚に関わる社会医学的諸問題「加齢に伴う聴覚障害」. *Audiology Japan* 571: 52-62, 2014
- [67] 山岨達也. 耳鼻咽喉科のアンチエイジング. 老人性難聴の予防. *Therapeutic Research* 35:808-810,2014
- [68] 山岨達也. 聴覚のアンチエイジング. 女性の聴覚を保つには. *Modern Physician* 34:1287-1290,2014
- [69] 山岨達也. 難聴の基礎と臨床, *Anti-aging medicine* 10:916-924,2014
- [70] Ochi A, Furukawa S, Yamasoba T. Factors that account for inter-individual variability of lateralization performance revealed by correlations of performance among multiple psychoacoustical tasks. *Frontiers in Neuroscience* ; 2014 eCollection
- [71] Ichikawa K, Kashio A, Mori H, Ochi A, Karino S, Sakamoto T, Kakigi A, Yamasoba T. A New Computed Tomography Method to Identify Meningitis-Related Cochlear Ossification and Fibrosis before Cochlear Implantation. *Otolaryngol Head Neck Surg*. 2014; 150:646-53.

・ 研究成果の刊行物・別刷