

- 病、良性発作性頭位めまい症との関連. *Equilibrium Res* 2009, 68(1): 9-13.
- 五島史行, 矢部はる奈, 國弘幸伸, 小川 郁: 高齢者のメニエール病. *Equilibrium Res* 2008, 67(6): 500-505.
- 小川 郁, 井上泰宏, 齊藤秀行, 神崎晶, 岡本康秀, 水足邦雄, 鈴木隆史, 大石直樹: 耳硬化症 Update 病態と診断. *耳鼻臨床* 2009, 102(3): 169-175.
- Mizutani K, Matsunaga T, Kamiya K, Fujinami Y, Fujii M, Ogawa K. Caspase inhibitor facilitates recovery of hearing by protecting the cochlear lateral wall from acute cochlear mitochondrial dysfunction. *J Neurosci Res* 2008, 86: 215-222.
- Masuda M, Tanaka KF, Kanzaki S, Wakabayashi K, Oishi N, Suzuki T, Ikenaka K, Ogawa K. GFAP aggregates in the cochlear nerve increase the noise vulnerability of sensory cells in the organ of Corti in the murine model of Alexander disease. *Neurosci Res* 2008, 62 (1): 15-24.
- Kanzaki J, Kanzaki S, Ogawa K. Long-term prognosis of steroid-dependent sensorineural hearing loss. *Audiol Neurootol* 2008, 14 (1): 26-34.
- Tomita T, Ozawa H, Sakamoto K, Ogawa K, Kameyama K, Fujii M. Diagnosis and management of cervical sympathetic chain schwannoma: A review of 9 cases. *Acta Otolaryngol* 2009, 129 (3): 324-9.
- Ozawa H, Tomita T, Sakamoto K, Tagawa T, Fujii R, Kanzaki S, Ogawa K, Kameyama K, Fujii M. Mucoepidermoid carcinoma of the head and neck: clinical analysis of 43 patients. *Jpn J Clin Oncol* 2008, 38 (6): 414-8.
- Nagasao T, Miyamoto J, Yasuda S, Ogata H, Imanishi Y, Zhu X, Jiang H, Ogawa K, Nakajima T. An anatomical study of the three-dimensional structure of the nasal septum in patients with alveolar clefts and alveolar-palatal clefts. *Plast Reconstr Surg* 2008, 121 (6): 2074-83.
- Yamashita D, Shiotani A, Kanzaki S, Nakagawa M, Ogawa K. Neuroprotective effects of T-817MA against noise-induced hearing loss. *Neurosci Res* 2008, 61 (1): 38-42.
- 五島史行, 矢部はる奈, 林賢, 國弘幸伸, 小川 郁: 高齢者難治性メニエール病に対する新規治療としての携帯型中耳加圧装置 *Meniett*. *未病と抗加齢* 2008, 17 (1): 155-158.
- 五島史行, 矢部はる奈, 荻野保, 小川 郁: 高齢社会における聴覚障害身体障害認定による補聴器購入と認定補助システムの問題点. *未病と抗加齢* 2008, 17 (1): 150-154.
- 中井貴美子, 齊藤秀行, 神崎晶, 五島史行, 田副真美, 片岡ちなつ, 小川 郁, 内山喜久雄: 自律訓練法により耳鳴が改善した一側聾症例. *自立訓練研* 2008, 28 (2): 56-61.

小川 郁: 側頭骨外科「どこまで危険部位に迫れるか」内耳瘻孔の取り扱い. 頭頸部外科 2008, 18 (2): 103-108.

小川 郁: 【外リンパ瘻の診断と治療】 治療法の選択 保存的治療か手術的治療か? ENTONI 2008, 94: 22-26.

岡本康秀, 小川 郁, 神崎晶, 斎藤秀行, 栗田昭宏: Promontory Stimulation Test で顔面痙攣を生じた耳硬化症の人工内耳手術症例 ハイドロキシアパタイトによる顔面痙攣予防. Otol Jpn 2008, 18 (3): 188-193.

五島史行, 矢部はる奈, 國弘幸伸, 小川 郁: 片頭痛関連のめまい. Equilibrium Res 2008, 67(3): 205-210.

小川 郁: 【補聴器と人工内耳 最近の進歩と将来展望】 埋め込み型補聴器(人工中耳)の最新知見 MED 型人工中耳の現状. JOHNS 2008, 24 (9): 1391-1394.

小川 郁: 【補聴器と人工内耳 最近の進歩と将来展望】 補聴器の最新知見 補聴器適応判定医と補聴器相談医. JOHNS 2008, 24 (9): 1373-1376.

○小川 郁: 急性低音障害型感音難聴は予後良好か? JOHNS 2008, 24 (8): 1245-1249.

○川島慶之, 佐藤宏昭, 岡本牧人, 福田 諭, 小川 郁, 宇佐美 真一, 岩崎 聡, 中島 務, 暁 清文, 福島邦博, 野口佳裕, 喜多村 健: 平成 12・13 年度登録の急性低音障害型感音難聴症例の平成 19 年時点での経過調査 (厚生労働科学研究難治性疾患克服研究事業による急性高度難聴に関する調査研究). Audiology Japan 2008, 51: 200-207.

○Yamashita D, Minami SB, Kanzaki S, Ogawa K. Bcl-2 genes regulate noise-induced hearing loss. J Neurosci Res 2008, 86(4): 920-928.

Taniguchi Y, Ohshiro T, Fujii S, Ohshiro T, Sasaki K, Suzuki T, Kanzaki S, Ogawa K. Cost-effectiveness of different treatment modalities for sSeasonal allergic rhinitis in Japan - Comparison of laser treatment with subcutaneous immunotherapy and oral medication - Laser therapy 2008; 17 (4), 193-197.

○佐藤美奈子, 田副真美, 片岡ちなつ, 中井貴美子, 大石直樹, 神崎晶, 斎藤秀行, 井上泰宏, 小川 郁. 難治性急性低音障害型感音難聴における心理療法の試み. Audiology Japan 2008, 51 (2): 117-122.

大石直樹, 新田清一, 南修司郎, 小倉真理子, 小川 郁. SF-36 を用いた Bell 麻痺患者 QOL 測定の試み. Otol Jpn 2008, 18 (1): 45-51.

分担研究者 (喜多村 健)

○Mochizuki E, Okumura K, Ishikawa M, Yoshimoto S, Yamaguchi J, Seki Y, Wada K, Yokohama M, Ushiki T, Tokano H, Ishii R, Shitara H, Taya C, Kitamura K, Yonekawa H, Kikkawa Y: Phenotypic and Expression Analysis of a Novel Spontaneous MYOSIN VI Null Mutant Mouse. Exp Anim 59(1) : 57-71, 2010

○Fujikawa T, Noguchi Y, Ito T, Takahashi M, Kitamura K: Additional heterozygous

- 2507A>C mutation of WFS1 in progressive hearing loss at lower frequencies. *Laryngoscope* 120:166-171, 2010
- Ariizumi Y, Hatanaka A, Kitamura K : Clinical prognostic factors for tinnitus retraining therapy with a sound generator in tinnitus patients. *J Med Dent Sci* 57 : 45-53, 2010
- Abe S, Noguchi Y, Kitamura K : What do patients with hereditary deafness think of genetic studies? *Auris Nasus Larynx* 37 : 422-426, 2010
- Takahashi M, Kimura Y, Sawabe M, Kitamura K : Modified paraffin-embedding method for the human cochlea that reveals a fine morphology and excellent immunostaining results. *Acta Otolaryngol* 130 : 788-792, 2010
- Koda H, Kimura Y, Ishige I, Eishi Y, Takahashi K, Iino Y, Kitamura K : Quantitative cellular level analysis of mitochondrial DNA 3243A>G mutations in individual tissues from the archival temporal bones of a MELAS patient. *Acta Otolaryngol* 130 : 344-350, 2010 (電子出版 2009.8)
- Kato T, Nishigaki Y, Noguchi Y, Ueno H, Hosoya H, Ito T, Kimura Y, Kitamura K and Tanaka M : Extensive and rapid screening for major mitochondrial DNA point mutations in patients with hereditary hearing loss. *J Hum Genet* 55 : 147-154, 2010 (電子出版 2010.1)
- 伊藤 卓, 野口佳裕, 大野十央, 喜多村 健 : 突発性両側性感音難聴の検討 - 孤発例と家族例の違い -. *Audiology Japan* 53 : 150-157, 2010
- 岩崎 聡, 喜多村 健, 福田 諭, 小林俊光, 熊川孝三, 宇佐美 真一, 土井勝美, 西崎和則, 暁 清文, 東野哲也 : 本邦における埋め込み型骨導補聴器 (Bone-Anchored Hearing Aid : BAHA) 治験 -補聴器との比較について-. *Audiology Japan* 53 : 224-231, 2010
- Ohno K, Noguchi Y, Kawashima Y, Yagishita K, Kitamura K : Secondary hyperbaric oxygen therapy for idiopathic sudden sensorineural hearing loss in the subacute and chronic phases. *J Med Dent Sci* 57 : 127-132, 2010
- Yashima T, Noguchi Y, Kawashima Y, Rai T, Ito T, Kitamura K : Novel ATP6V1B1 mutations in distal renal tubular acidosis and hearing loss. *Acta Otolaryngol*, 130 : 1002-1008, 2010
- Tsunoda A, Takahashi N, Kitamura K : The relationship between the superior canal dehiscence syndrome and human evolution : Does human evolution cause vertigo? *J Vestibul Res-Equil* 20 : 278, 2010
- 倉田 奈都子, 古宇田 寛子, 喜多村 健 : 急性中耳炎に合併したS状静脈洞血栓症および脳膿瘍の一例. *Otol Jpn* 30(3) : 180-185, 2010
- Iwasaki A, Tokano H, Kamiyama R, Suzuki Y, Kitamura K : A 24-month-follow-up study

of argon plasma coagulation of the inferior turbinate in patients with perennial nasal allergy. *J Med Dent Sci* 57 : 11-15, 2010

○Yagi H, Noguchi Y, Kitamura K, Sato M. Deficiency of *Vlgr1* resulted in deafness and susceptibility to audiogenic seizures while the degree of hearing impairment was no correlated with seizure severity in C57BL/6- and 129-backcrossed lines of *Vlgr1* knockout mice. *Neurosci Lett* 2009, 461: 190-195.

○Koda H, Kimura Y, Ishige I, Eishi Y, Takahashi K, Iino Y, Kitamura K. Quantitative cellular level analysis of mitochondrial DNA 3243A>G mutations in individual tissues from the archival temporal bones of a MELAS patient. *Acta Otolaryngol* 2009 (in press).

野口佳裕, 角田篤信, 喜多村 健: *Corynebacterium ulcerans* 感染による急性鼻咽頭炎を呈した1例. 病原微生物検出情報 2009, 30 (7): 188.

○古宇田 寛子, 角 卓郎, 角田篤信, 喜多村 健: メニエール病患者におけるイソソルビド内服液剤とゼリー剤の服薬コンプライアンスの比較検討. 耳鼻臨床 2009, 102(8): 623-627.

○Mochizuki E, Okumura K, Ishikawa M, Yoshimoto S, Yamaguchi J, Seki Y, Wada K, Yokohama M, Ushiki T, Tokano H, Ishii R, Shitara H, Taya C, Kitamura K, Yonekawa H, Kikkawa Y. Phenotypic and Expression Analysis of a Novel Spontaneous MYOSIN VI Null Mutant Mouse. *Exp Anim*, 2009 (in press).

○Kawashima Y, Noguchi Y, Taku I, Kitamura K. Vestibular evoked myogenic potentials in patients with the mitochondrial A1555G mutation. *Laryngoscope* 2009, 119: 1874-1879.

藤川太郎, 前原浩史, 石原明子, 小野恵美, 喜多村 健: 急性副鼻腔炎および慢性副鼻腔炎急性増悪に対するガレノキサシンの有用性 - ハンセン染色を用いた早期治療効果判定. 日本耳鼻咽喉科感染症研究会会誌 2009, 27(1): 53-56.

川崎夏子, 伊藤 卓, 喜多村 健: 遺伝子診断とインフォームド・コンセント. *JOHNS* 2009, 25 (1) : 67-71.

喜多村 健: 突発性難聴1. *あんしんLife* 2009, 441(3): 26-27.

喜多村 健: 突発性難聴2. *あんしんLife* 2009, 442(4): 28-29.

喜多村 健: 難聴の遺伝子. *医学のあゆみ* 2009, 229(11): 1087-1088.

野口佳裕, 角田篤信, 喜多村 健: *Corynebacterium ulcerans* 感染による急性鼻咽頭炎を呈した1例. 病原微生物検出情報 30 (7) 188, 2009

古宇田 寛子, 角 卓郎, 角田篤信, 喜多村 健: メニエール病患者におけるイソソルビド内服液剤とゼリー剤の服薬コンプライアンスの比較検討. 耳鼻臨床 102 (8) 623-627, 2009

Kato T, Kimura Y, Sawabe M, Masuda Y, Kitamura K : Cervical tuberculous

lymphadenitis in the elderly : comparative diagnostic findings. J Laryngol Otol 123 : 1343-1347, 2009

稲葉 雄一郎, 戸叶尚史, 吉本亮一, 喜多村 健 : 取手協同病院における難治性耳漏に対するオフロキサシン点耳液の有効性. 茨城県農村医学会雑誌 22 : 48-51, 2009

堤 剛, 津久井 慶, 喜多村 健 : 市販 3DVOG データの Fick 座標系から主軸解析への変換とその信頼性. Equilibrium Res 2008, 67(6) : 522-527.

○Fujii H, Mori Y, Kayamori K, Igari T, Ito E, Akashi T, Noguchi Y, Kitamura K, Okado T, Terada Y, Kanda E, Rai T, Uchida S, Sasaki S. A familial case of mitochondrial disease resembling Alport syndrome. Clin Exp Nephrol 2008, 12: 159-163.

○Hatanaka A, Ariizumi Y, Kitamura K. Pros and cons of tinnitus retraining therapy. Acta Otolaryngol 2008, 128(4) : 365-8.

○Koda H, Kimura Y, Iino Y, Eishi Y, Murakami Y, Kitamura K. Billateral sudden deafness caused by diffuse metastatic leptomeningeal carcinomatosis. Otol Neurotol 2008, 29(5) : 727-729.

○川島慶之, 佐藤宏昭, 岡本牧人, 福田 諭, 小川 郁, 宇佐美 真一, 岩崎 聡, 中島 務, 暁 清文, 福島邦博, 野口佳裕, 喜多村 健 : 平成 12・13 年度登録の急性低音障害型感音難聴症例の平成 19 年時点での経過調査 (厚生労働科学研究難治性疾患克服研究事業による急性高度難聴に関する調査研究). Audiology Japan 51: 200-207, 2008.

津久井 慶, 堤 剛, 角 卓郎, 喜多村 健 : VOG による矢状断面での静的頭部傾斜時の Listing 平面の計測. Equilibrium Res 2008, 67(4) : 311-315.

Ishige T, Okamura H, Kitamura K : Immunohistochemical localization of phospholipaseA2 in the guinea pig nasal mucosa. J Med Dent Sci 55 : 29-32, 2008

分担研究者 (宇佐美真一)

○Fukuoka H, Tsukada K, Miyagawa M, Oguchi T, Takumi Y, Sugiura M, Ueda H, Kadoya M, Usami S. Semi-quantitative evaluation of endolymphatic hydrops by bilateral intratympanic gadolinium-based contrast agent (GBCA) administration with MRI for Meniere's disease. Acta Otolaryngol. 130 : 10-16. 2010

Usami S, Miyagawa M, Suzuki N, Moteki H, Nishio S, Takumi Y, Iwasaki S Genetic backbrond of candidates for EAS(Electric-Acoustic Stimulation) Audiological Medicine. 8 : 28-32. 2010

○Tsukada K, Nishio S, Usami S; Deafness Gene Study Consortium., A large cohort study of GJB2 mutations in Japanese hearing loss patients. Clin Genet. 78 : 464-470. 2010

○宇佐美真一 : 難聴の遺伝子診断と治療 日本医師会雑誌 139 : 600-603. 2010

- 宇佐美真一：疾患群の遺伝学的検査（Genetic Testing）と遺伝子検査（Gene-Based Testing）. 日本臨床社 68：417-422. 2010
- Lu S Y, Nishio S, Tsukada K, Oguchi T, Kobayashi K, Abe S, Usami S. Factors that affect hearing level in individuals with the mitochondrial 1555A.G mutation. *Clin Genet* 2009, 75: 480-484, .
- Fukuoka H, Tsukada K, Miyagawa M, Oguchi T, Takumi Y, Sugiura M, Ueda H, Kadoya M, Usami S. Semi-quantitative evaluation of endolymphatic hydrops by bilateral intratympanic gadolinium-based contrast agent (GBCA) administration with MRI for Meniere's disease. *Acta Otolaryngol* 2009, 1-7.
- Miyagawa M, Fukuoka H, Tsukada K, Oguchi T, Takumi Y, Sugiura M, Ueda H, Kadoya M, Usami S. Endolymphatic hydrops and therapeutic effects are visualized in 'atypical' Meniere's disease. *Acta Otolaryngol*, 1326-1329. 2009
- 宇佐美真一：予防医学からみた遺伝性難聴 *JOHNS* 25：1719-1723. 2009
- 宇佐美真一：難聴とウイルス感染. *MB ENT* 2009, 99: 8-16.
- 宇佐美真一：先天性難聴. *小児科* 2009, 50: 1182-1185.
- 武市紀人, 柏村正明, 中丸裕爾, 津布久崇, 福田諭, 鈴木美華, 宇佐美真一：難聴遺伝子診断が有用であった人工内耳一症例. *Audiology Japan* 2009, 52: 214-219.
- 工 穰, 宇佐美真一：Auditory Steady State Responseによる小児の聴覚機能評価. *臨床脳波* 2009, 51: 523-528.
- 宇佐美真一：薬剤と遺伝子. *耳喉頭頸* 2009, 81: 759-767.
- Miyagawa M, Fukuoka H, Tsukada K, Oguchi T, Takumi Y, Sugiura M, Ueda H, Kadoya M, Usami S. Endolymphatic hydrops and therapeutic effects are visualized in "atypical" Meniere's disease *Acta Otolaryngol* 2009, 129(11): 1326-1329.
- Usami S, Takumi Y, Suzuki N, Oguchi T, Oshima A, Suzuki H, Kitoh R, Abe S, Sasaki A, Matsubara A. The localization of proteins encoded by CRYM, KIAA1199, UBA52, COL9A3, and COL9A1, genes highly expressed in the cochlea. *Neuroscience* 2008, 154(1): 22-8.
- Oshima A, Jaijo T, Aller E, Millan JM, Carney C, Usami S, Moller C, Kimberling WJ. Mutation profile of the CDH23 gene in 56 probands with Usher syndrome type I. *Hum Mutat* 2008, 29(6): E37-46.
- Usami S, Wagatsuma M, Fukuoka H, Suzuki H, Tsukada K, Nishio S, Takumi Y, Abe S. The responsible genes in Japanese deafness patients and clinical application using Invader assay. *Acta Otolaryngol* 2008, 128(4): 446-54.
- 宇佐美真一：新生児聴覚スクリーニングで発見された児の治療、フォローアップ. *Neonatal Care* 2008, 21: 62-67.

分担研究者（岡本牧人）

○Sano H, Kamijo T, Ino T, Okamoto M. Edaravone, a free radical scavenger, in the treatment of idiopathic sudden sensorineural hearing loss. *Auris Nasus Larynx* 37:42-46, 2010. 1

○Ochiai A, Sano H, Iho K, Ozawa A, Okamoto M. Auditory brainstem response record of Down syndrome under an anesthesiologist's control. *The Kitasato Medical Journal*. 2010, 40 (1)

○小野雄一、佐野肇、上條貴裕、猪健志、牧野寛之、岡本牧人：特発性両側性感音難聴の検討—進行様式の差による検討—。 *Audiology Japan* 2010, 53(2)142-149.

○上條貴裕、佐野肇、小野雄一、猪健志、牧野寛之、岡本牧人：長期観察した特発性両側性感音難聴の検討。 *Audiology Japan* 2010, 53(2)158-163.

○岡本牧人：特発性両側性感音難聴の取り扱い。 *専門医通信* 130. 6-7. 2010.5

○岡本牧人、佐野肇、上條貴裕、小野雄一：突発性難聴の社会的問題。 *Audiology Japan* 2010, 53(6) 印刷中

Nakayama M, Holsinger C, Okamoto M, Seino Y, Miyamoto S, Takeda M, Yokobori S, Masaki T, Hayashi S. Clinicopathological Analyses of Fifty Supracricoid Laryngectomized Specimens: Evidence Base Supporting Minimal Margins. *ORL J Otorhinolaryngol Relat Spec* 2009, 71(6): 305-311.

Nakayama, M., Okamoto, M., Seino, Y., Miyamoto, S., Hayashi, S., Masaki, T., Yokobori, S., Takeda M. : Inverted epiglottis: A postoperative complication of supracricoid laryngectomy with cricothyroidoepiglottopexy. *Auris Nasus Larynx* 2009 37: 609-614.

○Wada M, Naganuma H, Tokumasu K, Ito A, Okamoto M. Inner-ear function test in cases of posterior canal-type benign paroxysmal positional vertigo. *Int Tinnitus J* 2009, 15(1): 91-3.

Nakayama M, Seino Y, Hayashi S, Miyamoto S, Takeda M, Masaki T, Yokobori S, Okamoto M. Clinical review of supracricoid laryngectomy with CHEP and CHP: 50 patients treated in 11 years. *Nippon Jibiinkoka Gakkai Kaiho* 2009, 112(7): 540-9.

Masaki T, Katada C, Nakayama M, Takeda M, Miyamoto S, Seino Y, Koizumi W, Tanabe S, Horiguchi S, Okamoto M. Narrow band imaging in the diagnosis of intra-epithelial and invasive laryngeal squamous cell carcinoma: a preliminary report of two cases. *Auris Nasus Larynx* 2009, 36(6): 712-6.

○松平登志正、佐野 肇、上條貴裕、猪 健志、鈴木恵子、原 由紀、井上理絵、大沼幸恵、岡本牧人：補聴器の適合評価における実耳挿入利得とファンクショナルゲインの比較。 *Audiology Japan* 2009, 52:58-65.

○鈴木恵子、岡本牧人、鈴木牧彦、佐野 肇、原 由紀、井上理絵、大沼幸恵、上條貴

裕、猪 健志：補聴器適合検査としての「きこえについての質問紙 2002」の応用に関する検討。 *Audiology Japan* 2009, 52:588-595.

Katada C, Nakayama M, Tanabe S, Koizumi W, Masaki T, Takeda M, Okamoto M, Saigenji K. Narrow band imaging for detecting metachronous superficial oropharyngeal and hypopharyngeal squamous cell carcinomas after chemoradiotherapy for head and neck cancers. *Laryngoscope* 2008, 118(10): 1787-90.

○Wada M, Naganuma H, Tokumasu K, Hashimoto S, Ito A, Okamoto M. Arteriosclerotic changes as background factors in patients with peripheral vestibular disorders. *Int Tinnitus J* 2008, 14(2): 131-4.

Seino Y, Nakayama M, Okamoto M, Yokobori S, Takeda M, Miyamoto S. Laryngeal chondritis induced by C3-4 osteophyte following supracricoid laryngectomy with cricothyroidopiglottopexy: report of two cases. *J Laryngol Otol* 2008, 122(7): 745-9.

Iwanami N, Iwase H, Takahashi N, Kato K, Itoh A, Takatani T, Makita S, Kobayashi Y, Okamoto M, Nakamura S, Hiki Y, Ishii M. Similarities between N-glycan glycoform of tonsillar IgA1 and that of aberrant IgA1 abundant in IgA nephropathy patient serum. *J Nephrol* 2008, 21(1): 118-26.

Nakayama M, Okamoto M, Miyamoto S, Takeda M, Yokobori S, Masaki T, Seino Y. Supracricoid laryngectomy with cricothyroidopiglottopexy or cricothyroidopexy: experience on 32 patients. *Auris Nasus Larynx* 2008, 35(1): 77-82.

○岡本牧人、松平登志正、鈴木恵子、原 由紀、井上理絵、大沼幸恵、上條貴裕、佐野肇：補聴器適合の過程。 *Audiology Japan* 2008, 51:185-192.

○井上理絵、大沼幸恵、原 由紀、鈴木恵子、佐野 肇、岡本牧人：中等度難聴の早期診断、早期療育における新生児聴覚スクリーニング検査の有用性。 *Audiology Japan* 2008, 51:77-82.

分担研究者（暁 清文）

○Hato N, Hyodo J, Takeda S, Takagi D, Okada M, Hakuba N, Gyo K. Local hypothermia in the treatment of idiopathic sudden sensorineural hearing loss. *Auris Nasus Larynx* 2010, 37(5):626-30.

○Cao, F., Hata, R., Zhu, P., Takeda, S., Yoshida, T., Hakuba, N., Sakanaka, M., Gyo, K. Delayed neuronal cell death in brainstem after transient brainstem ischemia in gerbils *BMC Neurosci* 2010, 11:115. 10. 1.

○暁 清文、勢井洋史：急性感音難聴の治療 - 高齢者のバリエーション。 *耳喉頭頸* 2010, 82: 1, 33-39.

○白馬伸洋、暁 清文：神経幹細胞による虚血性内耳障害の抑制効果。 *頭頸部自律神*

経 2010, 24: 28-31..

兵頭 純、三瀬和代、羽藤直人、暁 清文： 愛媛大学病院における新生児聴覚スクリーニング後の精密聴力検査に関する検討. 愛媛医学 2010: 29 (3) : 156-159.

○岡田昌浩、暁 清文. 突発性難聴—疾患の概念・原因、診断のポイント、治療のポイント. よくわかる聴覚障害 (小川 郁編)、永井書店、東京、p137-147, 2010.

○Glutamate agonist causes irreversible degeneration of inner hair cells. Neuroreport. 2009, 20(14):1255-9.

Hinohira Y, Hyodo M, Gyo K. Submucous inferior turbinotomy cooperating with combined antrostomies for endonasal eradication of severe and intractable sinusitis. Auris Nasus Larynx 2009, 36: 162-167.

○暁 清文： 虚血機序に基づいた突発性難聴の病態と治療. 日本医事新報 2009, 4420: 67-71.

澤井尚樹, 羽藤直人, 寺岡正人, 菰渕勇人, 高橋宏尚, 暁 清文： 両側性・反復性顔面神経麻痺症例の臨床統計. 耳鼻臨床 2009, 102(3) 191-195.

寺岡正人, 兵頭 純, 高橋信雄, 暁 清文： 聴性定常反応を用いた他覚的聴力検査機器の小児への使用経験. Audiology Japan 2009, 52: 112-119.

○竹田将一郎, 吉田 正, 秦 龍二, 白馬伸洋, 兵頭 純, 羽藤直人, 暁 清文： 内耳における虚血耐性 頭頸部自律神経 2009, 23: 40-43.

○竹田将一郎, 白馬伸洋, 兵頭 純, 羽藤直人, 暁 清文： 低体温による虚血性内耳障害の防御：低体温のタイミングと蝸牛内 NOx 濃度. Otol Jpn 2009, 19(2): 123-130.
高橋宏尚, 暁 清文： 5 章 小児耳科 16. 顔面神経麻痺. 小児耳鼻咽喉科診療指針 2009, 170-173.

Hinohira Y, Hyodo M, Gyo K. Endoscopic endonasal transseptal approach for localized sphenoid sinus diseases. Auris Nasus Larynx 2009, 36: 411-415.

○Takeda S, Hata R, Cao F, Yoshida T, Hakuba N, Hato N, Gyo K. Ischemic tolerance in the cochlea. Neuroscience Lett 2009, 462 (3): 263-266.

○Maetani T, Hyodo J, Takeda S, Hakuba N, Gyo K. Prednisolone prevents transient ischemia-induced cochlear damage in gerbils. Acta Oto-Laryngologica 2009, 129: 24-27.

暁 清文： 側頭骨骨折. JOHNS 2009, 25(9): 1247-1251.

○岡田昌浩, 兵頭 純, 暁 清文, 小林泰輔： 脳底動脈解離後に生じた高度感音難聴例. 耳鼻臨床 2009, 102(10): 813-819.

高木大樹, 羽藤直人, 兵頭 純, 暁 清文： 高圧酸素療法が奏功した MRSA 中耳炎例. 耳鼻臨床 2009, 102(11): 911-915.

○暁 清文. 虚血機序に基づいた突発性難聴の病態と治療. 日本医事新報 2009, 4420: 67-71.

小川日出夫、暁 清文： 予防医学からみた薬剤性難聴 . JOHNS 2009, 25 (12): 1727-1730.

○Watanabe F, Hakuba N, Gyo K. Measurement of DPOAE after ischemia/reperfusion injury of the cochlea in gerbils. Neuroscience Lett 2009, 467 (2): 135-138.

Komori M, Hyodo M, Gyo K, A swallowing evaluation with simultaneous videoendoscopy, ultrasonography and videofluorography in healthy controls. ORL J Otorhinolaryngol Relat Spec 2008, 70(6): 393-8.

○Fujiwara T, Hato N, Nakagawa T, Tabata Y, Yoshida T, Komobuchi H, Takeda S, Hyodo J, Hakuba N, Gyo K. Insulin-like growth factor 1 treatment via hydrogels rescues cochlear hair cells from ischemic injury. Neuroreport 2008, 19(16): 1585-8.

Hato N, Sawai N, Teraoka M, Wakisaka H, Takahashi H, Hinohira Y, Gyo K. Valacyclovir for the treatment of Bell' s palsy. Expert Opin Pharmacother 2008, 9(14): 2531-6.

○Takeda S, Hakuba N, Yoshida T, Fujita K, Hato N, Hata R, Hyodo J, Gyo K, Postischemic mild hypothermia alleviates hearing loss because of transient ischemia. Neuroreport. 2008, 19(13): 1325-8.

Hato N, Murakami S, Gyo K. Steroid and antiviral treatment for Bell' s palsy. Lancet 2008, 371(9627): 1818-20.

暁 清文. 虚血性内耳障害の発症機序と臨床. 群馬県地方部会報 2008, 26:11-15.

小林泰輔、暁 清文. 外リンパ瘻の診断と治療、内視鏡による診断と治療. MB ENT 2008, 94: 17-21.

兵頭 純、羽藤直人、暁 清文. 人工内耳と再手術. JOHNS 2008, 24(9):1481-1484.

暁 清文. 人工中耳の歴史と将来展望. JOHNS 2008, 24(9): 1377-1380.

分担研究者 (佐藤宏昭)

○菊池 淳、大塚尚志、山崎一春、佐藤宏昭：突発性難聴における酸化ストレスの検討. Audiology Japan 2010, 52(2): 106-111.

大塚 尚志、大塚千久美、米澤久司、舘田 勝、石島 健、佐藤宏昭：回転性めまいを主訴とした脳表へモジデリン沈着症例. 耳鼻臨床 2010, 103 (1) :9-13.

○佐藤宏昭：12. 薬剤性難聴. X. 感音難聴 よくわかる聴覚障害-難聴と耳鳴のすべて-. 小川 郁 (編) 永井書店、東京、pp 224-230、2010.

○小林有美子、佐藤宏昭、岩井詔子、村井盛子、宇佐美真一：当科小児難聴外来の過去10年間における遺伝学的検査の検討. Audiology Japan 2010, 53(3) :192-198.

○福田宏治、佐藤尚徳、渡邊聡哉、久保直彦、小原智子、野崎有一、佐藤宏昭：小脳梗塞による急性感音難聴2例に対するステロイド治療. 耳喉頭頸 2010, 82(9):585-590.

○佐藤宏昭：急性低音障害型感音難聴をめぐる諸問題. (総説) Audiology Japan 2010,

53(4):241-250.

○桑島 秀、佐藤宏昭：突発性難聴。 外来診療のインフォームドコンセントー“ムンテラ”をどうする！？ー JOHNS 26 (12) , 2010 (印刷中) .

佐藤宏昭：成人の人工内耳の適応と手術。 内耳手術ー人工内耳によるコミュニケーションー 高齢難聴者のケア。 平成21年度長寿科学研究業績集 (Advances in Aging and Health Research 2009) 2009, 89-94.

○菊池 淳、大塚尚志、山崎一春、佐藤宏昭：突発性難聴における酸化ストレスの検討。 Audiology Japan 2009, 52(2): 106-111.

Yamazaki K, Sato H, Kamei A, Akasaka M: Idiopathic cerebrospinal fluid leakage from a patent fallopian canal involving arachnoid cyst in an infant: A case report. Int J Pediatr Otorhi Extra 2009, 105-110.

Sato H, Fukuda K, Mizukawa A, Nakasato T, Uesugi N: Labyrinthine cyst arising in a longstanding cavity after a canal wall down mastoidectomy. The Open Otorhinolaryngology Journal 2009, 3: 36-39.

佐藤宏昭：難聴。 専門医の管理・治療が必要な疾患のガイドライン 感覚器疾患 ガイドライン外来診療 2008年版 日経メディカル、東京、452-456、2008.

○水川敦裕、水川知子、佐藤宏昭：当科における急性低音障害型感音難聴ー18年間の臨床統計ー。 Audiology Japan 2008, 51(2): 14-18.

佐藤宏昭：頭頸部外傷性難聴。(4) 耳疾患 今日の耳鼻咽喉科・頭頸部外科治療指針 第3版 医学書院、東京、203、2008.

佐藤宏昭：職業性難聴の変化。 特集/社会の変化と耳鼻咽喉科 3. 日常生活環境の変化 JOHNS 24(6): 932-934, 2008.

佐藤宏昭：人工内耳の適応と手術。 特集/補聴器と人工内耳 4. 人工内耳の最新知見 8) 成人の人工内耳 JOHNS 2008, 24(9): 1456-1460.

○川島慶之、佐藤宏昭、岡本牧人、福田 諭、小川 郁、宇佐美真一、岩崎 聡、中島 務、暁 清文、福島邦博、野口佳裕、喜多村 健：平成12・13年度登録の急性低音障害型感音難聴症例の平成19年時点での経過調査 (厚生労働科学研究難治性疾患克服研究事業による急性高度難聴に関する調査研究)。 Audiology Japan 2008, 51(3): 200-207.

分担研究者 (福田 諭)

武市紀人、柏村正明、中丸裕爾、津布久崇、福田諭、鈴木美華、宇佐美真一。 「難聴遺伝子診断が有用であった人工内耳一症例」。 Audiology Japan 2009, 52: 214-219.

武市紀人。 お母さんへの回答マニュアル耳鼻咽喉科Q&A 2010「今朝片耳のきこえが悪くなった、めまいもする、どうすれば？」 JOHNS 2010, 26(9): 1256-1257

武市紀人、福田諭。「外・中耳奇形に対するナビゲーションの応用」JOHNS 25(1); p90-94,

2009 医学書院

武市紀人、中丸裕爾、柏村正明、古田康、福田諭. 「当科における耳科領域疾患のナビゲーション手術の評価」耳展 2009, 52 (5) : 376-378.

武市紀人. 「小脳と平衡機能 SCA6(Spinocerebellar ataxia type6)を中心に」. *Equilibr Res* 2009, 68(4): 214-217.

Tamashige E, Nishizawa N, Itoda H, Kasai S, Igawa HH, Fukuda S. Development of Phonemic Distinction in Japanese Preschool Children. *Folia Phoniatr Logop* 2008, 60(6): 318-322.

Oridate N, Nishizawa N, Fukuda S. The diagnosis and management of globus: a perspective from Japan. *Curr Opin Otolaryngol Head Neck Surg* 2008, 16(6): 498-502.

Tamura K, Yoshinaga T, Tanino M, Kimura T, Yamada N, Nishimura M, Fukuda S, Nishihara H, Shindoh M, Tanaka S. Hypopharyngeal squamous cell carcinoma producing both granulocyte colony-stimulating factor and parathyroid hormone-related protein. *Pathol Int* 2008, 58(10): 652-6.

Kitade Y, Nakamura M, Uji T, Fukuda S, Endo H, Saga N. Structural features and gene-expression profiles of actin homologs in *Porphyra yezoensis* (Rhodophyta). *Gene* 2008, 423(1): 79-84.

Oridate N, Takeda H, Mesuda Y, Nishizawa N, Furuta Y, Asaka M, Fukuda S. Evaluation of upper abdominal symptoms using the Frequency Scale for the Symptoms of Gastroesophageal Reflux Disease in patients with laryngopharyngeal reflux symptoms. *J Gastroenterol* 2008; 43(7): 519-23.

Kano S, Miyajima N, Fukuda S, Hatakeyama S. Tripartite motif protein 32 facilitates cell growth and migration via degradation of Abl-interactor 2. *Cancer Res* 2008, 68(14): 5572-80.

Homma A, Saheki M, Suzuki F, Fukuda S. Computer image-guided surgery for total maxillectomy. *Eur Arch Otorhinolaryngol* 2008, 265(12): 1521-6.

Oridate N, Homma A, Higuchi E, Suzuki F, Hatakeyama H, Mizumachi T, Furusawa J, Taki S, Furuta Y, Fukuda S. p53 expression in concurrent chemoradiotherapy with docetaxel for head and neck squamous cell carcinoma. *Auris Nasus Larynx* 2008 May 8. [Epub ahead of print].

Fukuda S, Satoh A, Kasahara H, Matsuyama H, Takeuchi Y. Effects of ultraviolet-B irradiation on the cuticular wax of cucumber (*Cucumis sativus*) cotyledons. *J Plant Res* 2008, 121(2):179-89. PMID: 18217194 [PubMed - in process].

Furusawa J, Oridate N, Suzuki F, Homma A, Furuta Y, Fukuda S. Initial CT findings in early tongue and oral floor cancer as predictors of late neck metastasis. *Oral*

Oncol 2008, 44(8): 793-7.

Oridate N, Takeda H, Asaka M, Nishizawa N, Mesuda Y, Mori M, Furuta Y, Fukuda S. Acid-suppression therapy offers varied laryngopharyngeal and esophageal symptom relief in laryngopharyngeal reflux patients. Dig Dis Sci 2008, 53(8): 2033-8.

分担研究者 (中島 務)

○ Suzuki H, Teranishi M, Naganawa S, Nakata S, Sone M, Nakashima T. Contrast-enhanced MRI of the inner ear after intratympanic injection of meglumine gadopentetate or gadodiamide hydrate. Acta Otolaryngol [Early Online]

Sone M., Kato T. Suzuki Y. Arao H. Sugiyama K. Ishida K. Izawa K. Takasu A. Nakashima T. Relevance and characteristics of gastroesophageal reflux in adult patients with otitis media with effusion Auris Nasus Larynx 2010 Oct 27 [Epub ahead of print]

○ Uchida Y, Sugiura S, Ando F, Nakashima T, Shimokata H. Diabetes reduces auditory sensitivity in middle-aged listeners more than in elderly listeners: a population-based study of age-related hearing loss. Med Sci Mont 2010, 16: 63-8.

Naganawa S. Ishihara S. Satake H. Kawai H. Sone M. Nakashima T. Simultaneous three-dimensional visualization of the intra-parotid facial nerve and parotid duct using a three-dimensional reversed FISP sequence with diffusion weighting. Magn Reson Med Sc 2010, 9:153-8.

○ Naganawa S. Kawai H. Sone M. Nakashima T. Increased sensitivity to low concentration gadolinium contrast by optimized heavily T2-weighted 3D-FLAIR to visualize endolymphatic space. Magn Reson Med Sci 2010, 9:73-80.

○ Yamazaki M. Naganawa S. Kawai H. Nishihashi T. Nakashima T. Signal alteration of the cochlear perilymph on 3 different sequences after intratympanic Gd-DTPA administration at 3 tesla: comparison of 3D-FLAIR, 3D-T1-weighted imaging, and 3D-CISS. Magn Reson Med Sci 2010, 9:65-71.

○ Sone M. Muramatsu H. Muramatsu T. Nakashima T. Morphological observation of the stria vascularis in midkine and pleiotrophin knockout mice. Auris Nasus Larynx 2010 Jun 17 [Epub ahead of print]

○ Yoshioka M. Uchida Y. Sugiura S. Ando F. Shimokata H. Nomura H. Nakashima T. The impact of arterial sclerosis on hearing with and without occupational noise exposure: a population-based aging study in males. Auris Nasus Larynx 2010, 37; 558-564.

○ Kawai H. Naganawa S. Ishihara S. Sone M. Nakashima T. MR imaging of the cochlear modiolus after intratympanic administration of Gd-DTPA. Magn Reson Med Sci 2010,

9; 23-9.

○Naganawa S. Ishihara S. Iwano S. Kawai H. Sone M. Nakashima T. Estimation of gadolinium-induced T1-shortening with measurement of simple signal intensity ratio between the cochlea and brain parenchyma on 3D-FLAIR: correlation with T1 measurement by T1 scout sequence. *Magn Reson Med Sci* 2010, 9; 17-22.

○Katayama N. Yamamoto M. Teranishi M. Naganawa S. Nakata S. Sone M. Nakashima T. Relationship between endolymphatic hydrops and vestibular-evoked myogenic potential *Acta Otolaryngol* 2010, 130; 917-923.

○Naganawa S. Ishihara S. Iwano S. Sone M. Nakashima T. Three-dimensional (3D) visualization of endolymphatic hydrops after intratympanic injection of Gd-DTPA: optimization of a 3D-real inversion-recovery turbo spin-echo (TSE) sequence and application of a 32-channel head coil at 3T. *J Magn Reson Imaging* 2010, 31: 210-4.

○Uchida Y, Sugiura S, Ando F, Shimokata H, Nakashima T.. Association of the C677T polymorphism in the methylenetetrahydrofolate reductase gene with sudden sensorineural hearing loss. *Laryngoscope* 2010, 120; 791-5.

○Uchida Y, Sugiura S, Nakashima T, Ando F, Shimokata H.. The Ala54Thr polymorphism in the fatty acid-binding protein 2 (FABP2) gene is associated with hearing impairment: a preliminary report. *Auris Nasus Larynx* 2010, 37; 496-9.

○Sugiura S, Uchida Y, Nakashima T, Ando F, Shimokata H.. The association between gene polymorphisms in uncoupling proteins and hearing impairment in Japanese elderly. *Acta Otolaryngol* 2010, 130; 487-92.

Sone M. Naganawa S. Yoshida T. Nakata S. Nakashima T. Imaging findings in a case with cholesteatoma in complete aural atresia. *Am J Otolaryngol* 2010, 31; 297-299.

○Tagaya M. Teranishi M. Naganawa S. Iwata T. Yoshida T. Otake H. Nakata S. Sone M. Nakashima T. 3 Tesla magnetic resonance imaging obtained 4 hours after intravenous gadolinium injection in patients with sudden deafness. *Acta Otolaryngol* 2010, 130; 665-669.

Iwata T. Nakata S. Tsuge H. Koide F. Sugiura M. Otake H. Teranishi M. Nakashima T. Anatomy-based surgery to remove thyroglossal duct cyst: two anomalous cases. *J Laryngol Otol* 2010, 124; 443-446.

○Nakata S, Mizuno T, Naganawa S, Sugiura M, Yoshida T, Teranishi M, Sone M, Nakashima T. 3D-FLAIR MRI in facial nerve paralysis with and without audio-vestibular disorder. *Acta Otolaryngol*. 2010, 130; 632-6.

○Nakashima T, Naganawa S, Teranishi M, Tagaya M, Nakata S, Sone M, Otake H, Kato K, Iwata T, Nishio N. Endolymphatic hydrops revealed by intravenous gadolinium

injection in patients with Meniere's disease. *Acta Otolaryngol.* 2010, 130: 338-43.

○Sone M, Naganawa S, Teranishi M, Nakata S, Katayama N, Nakashima T. Changes in endolymphatic hydrops in a patient with Meniere's disease observed using magnetic resonance imaging. *Auris Nasus Larynx.* 2010, 37; 220-2.

Banno H, Katsuno M, Suzuki K, Takeuchi Y, Kawashima M, Suga N, Takamori M, Ito M, Nakamura T, Matsuo K, Yamada S, Oki Y, Adachi H, Minamiyama M, Waza M, Atsuta N, Watanabe H, Fujimoto Y, Nakashima T, Tanaka F, Doyu M, Sobue G. Phase 2 trial of leuprorelin in patients with spinal and bulbar muscular atrophy. *Ann Neurol* 2009, 65: 140-150.

○Naganawa S, Sone M, Otake H, Nakashima T: Endolymphatic hydrops of the labyrinth visualized on noncontrast MR imaging: a case report. *Magn Reson Med Sci* 2009, 8: 43-46.

○Nakashima T, Teranishi M, Yoshida T: In reference to Randomized, double blind, placebo controlled trial on the safety and efficacy of continuous intratympanic dexamethasone delivered via a round window catheter for severe to profound sudden idiopathic sensorineural hearing loss after failure of systemic therapy. *Laryngoscope* 2009, 119; 2480-2482.

○加藤 健、中島 務：突発性難聴。治療 2009, 91: 1318-1321.

Naganawa S, Ishihara S, Iwano S, Sone M, Nakashima T: Detection of presumed hemorrhage in the ampullar endolymph of the semicircular canal: a case report. *Magn Reson Med Sci* 2009, 8: 187-191.

○Uchida Y, Sugiura S, Ando F, Shimokata H, Nakashima T. Association of the C677T polymorphism in the methylenetetrahydrofolate reductase gene with sudden sensorineural hearing loss. *Laryngoscope* 2009, 119: 938-943.

○Nakata S, Mizuno T, Naganawa S, Sugiura M, Yoshida T, Teranishi M, Sone M, Nakashima T. 3D-FLAIR MRI in facial nerve paralysis with and without audio-vestibular disorder. *Acta Otolaryngol* 2009 Nov 17. [Epub ahead of print].

○Sugiura S, Uchida Y, Nakashima T, Ando F, Shimokata H. The association between gene polymorphisms in uncoupling proteins and hearing impairment in Japanese elderly. *Acta Otolaryngol* 2009 Nov 7. [Epub ahead of print].

○Kasai S, Teranishi M, Katayama N, Sugiura M, Nakata S, Sone M, Naganawa S, Nakashima T. Endolymphatic space imaging in patients with delayed endolymphatic hydrops. *Acta Otolaryngol* 2009, 129: 1169-74.

○Nakashima T, Naganawa S, Teranishi M, Tagaya M, Nakata S, Sone M, Otake H, Kato K, Iwata T, Nishio N. Endolymphatic hydrops revealed by intravenous gadolinium

injection in patients with Meniere's disease. *Acta Otolaryngol* 2009 Aug 14:1-6. [Epub ahead of print].

○Sone M, Naganawa S, Teranishi M, Nakata S, Katayama N, Nakashima T. Changes in endolymphatic hydrops in a patient with Meniere's disease observed using magnetic resonance imaging. *Auris Nasus Larynx*. 2009 Jun 18. [Epub ahead of print].

○Teranishi M, Naganawa S, Katayama N, Sugiura M, Nakata S, Sone M, Nakashima T. Image evaluation of endolymphatic space in fluctuating hearing loss without vertigo. *Eur Arch Otorhinolaryngol* 2009, 266: 1871-7.

○Yoshioka M, Naganawa S, Sone M, Nakata S, Teranishi M, Nakashima T. Individual differences in the permeability of the round window: evaluating the movement of intratympanic gadolinium into the inner ear. *Otol Neurotol* 2009, 30: 645-8

○中島 務: 突発性難聴の画像所見と病態. *Audiology Japan* 2009, 52: 179-87.

中田誠一、中島 務. 難聴 感音難聴を中心に検査と技術. 2009, 37: 402-407.

大竹宏直、中島 務. 予防医学からみた気圧外傷による難聴. *JOHNS* 2009, 25: 1734-1737.

杉浦彩子、内田育恵、中島 務. 高齢者診療の臨床背景 国立長寿医療センター耳鼻咽喉科外来での統計から. *日耳鼻* 2009, 112: 534-539.

寺西正明、中島 務. メニエール病における画像検査所見. *JOHNS* 2009, 25: 831-835.

○Teranishi M, Yoshida T, Katayama N, Hayashi H, Otake H, Nakata S, Sone M, Schachern PA, Paparella MM, Nakashima T. 3D computerized model of endolymphatic hydrops from specimens of temporal bone. *Acta Otolaryngol* 2009, Suppl 560: 43-7.

○Naganawa S, Nakashima T. Cutting edge of inner ear MRI. *Acta Otolaryngol* 2009, Suppl 560: 15-21.

○T, Naganawa S, Katayama N, Teranishi M, Nakata S, Sugiura M, Sone M, Kasai S, Yoshioka M, Yamamoto M. Clinical significance of endolymphatic imaging after intratympanic gadolinium injection. *Acta Otolaryngol* 2009, Suppl 560: 9-14.

○Nakashima T, Naganawa S, Pyykko I, Gibson WP, Sone M, Nakata S, Teranishi M. Grading of endolymphatic hydrops using magnetic resonance imaging. *Acta Otolaryngol* 2009, Suppl. 560: 5-8.

○Uchida Y, Sugiura S, Nakashima T, Ando F, Shimokata H. Endothelin-1 gene polymorphism and hearing impairment in elderly Japanese. *Laryngoscope* 2009, 119: 938-43.

○Sone M, Mizuno T, Naganawa S, Nakashima T. Imaging analysis in cases with inflammation-induced sensorineural hearing loss. *Acta Otolaryngol* 2009, 129:

239-43.

○Otake H, Yamamoto H, Teranishi M, Sone M, Nakashima T. Cochlear blood flow during occlusion and reperfusion of the anterior inferior cerebellar artery—effect of topical application of dexamethasone to the round window. *Acta Otolaryngol* 2009, 129: 127-31.

○Mizuno T, Sugiura S, Kimura H, Ando Y, Sone M, Nishiyama Y, Nakashima T. Detection of cytomegalovirus DNA in preserved umbilical cords from patients with sensorineural hearing loss. *Eur Arch Otorhinolaryngol* 2009, 266: 351-5.

○Naganawa S, Satake H, Kawamura M, Fukatsu H, Sone M, Nakashima T. Separate visualization of endolymphatic space, perilymphatic space and bone by a single pulse sequence; 3D-inversion recovery imaging utilizing real reconstruction after intratympanic Gd-DTPA administration at 3 Tesla. *Eur Radiol* 2008, 18(5): 920-4.

Naganawa S, Nakashima T. In reference to 3 Tesla Delayed Contrast Magnetic Resonance Imaging Evaluation of Meniere's Disease. [Letters to the Editor] *Laryngoscope* 2008, 118: 1904-1905.

Nakashima T, Naganawa S, Sone M. In Reference to Visualization of Endolymphatic Hydrops in Patients With Meniere's Disease. [Letters to the Editor] *Laryngoscope* 2008, 118: 946-947.

○Yoshida T, Sugiura M, Naganawa S, Teranishi M, Nakata S, Nakashima T. Three-dimensional fluid-attenuated inversion recovery magnetic resonance imaging findings and prognosis in sudden sensorineural hearing loss. *Laryngoscope* 2008, 118(8): 1433-7.

○Sugiura M, Naganawa S, Ishida IM, Teranishi M, Nakata S, Yoshida T, Nakashima T. Vestibular aqueduct in sudden sensorineural hearing loss. *J Laryngol Otol* 2008, 122(9): 887-92.

○Ishida IM, Sugiura M, Teranishi M, Katayama N, Nakashima T. Otoacoustic emissions, ear fullness and tinnitus in the recovery course of sudden deafness. *Auris Nasus Larynx* 2008, 35(1): 41-6.

Sugiura M, Naganawa S, Sone M, Yoshida T, Nakashima T. Three-dimensional fluid-attenuated inversion recovery magnetic resonance imaging findings in a patient with cochlear otosclerosis. *Auris Nasus Larynx* 2008, 35(2): 269-72.

Sone M, Kato T, Nakashima T. A woman with biliary reflux into her middle ear. *Otolaryngol Head Neck Surg* 2008, 139(4): 600-1.

○Naganawa S, Satake H, Iwano S, Fukatsu H, Sone M, Nakashima T. Imaging endolymphatic hydrops at 3 tesla using 3D-FLAIR with intratympanic Gd-DTPA administration. *Magn Reson Med Sci* 2008, 7(2): 85-91.

○ Kobayashi M, Sone M, Umemura M, Nabeshima T, Nakashima T, Hellström S. Comparisons of cochleotoxicity among three gentamicin compounds following intratympanic application. *Acta Otolaryngol* 2008, 128(3): 245-9.

○ Naganawa S, Sugiura M, Kawamura M, Fukatsu H, Sone M, Nakashima T. Imaging of endolymphatic and perilymphatic fluid at 3T after intratympanic administration of gadolinium-diethylene-triamine pentaacetic acid. *JNR Am J Neuroradiol* 2008, 29(4): 724-6.

○ Sugiura M, Naganawa S, Ishida IM, Teranishi M, Nakata S, Yoshida T, Nakashima T. Vestibular aqueduct in sudden sensorineural hearing loss. *J Laryngol Otol* 2008, 122(9): 887-92.

○ 中島 務: 【外リンパ瘻の診断と治療】 外リンパ瘻の画像診断. *ENTONI* 2008, 94: 11-16.

曾根三千彦, 中島 務: 【補聴器と人工内耳 最近の進歩と将来展望】 人工内耳の最新知見 人工内耳と画像検査. *JOHNS* 2008, 24(9): 1407-1410.

○ 中島 務: 診断の指針 治療の指針 突発性難聴に対する局所療法. *総合臨床* 2008, 57(8): 2199-2200.

水野照和, 中田誠一, 杉浦彩子, 中島 務: 顔面神経麻痺症例6例のMRI 3D FLAIR所見. *Facial Nerve Res* 2008, 27: 141-143.

内田育恵, 杉浦彩子耳鼻, 安藤富士子, 下方浩史, 吉岡真弓, 中島務: 補聴器所有に関連する要因および聴力の自他覚評価についての検討. *日耳鼻会報* 2008, 111: 405-411.

○ 中島 務, 寺西正明: 【難聴の神経学】 突発性難聴. *神経内科* 2008, 68(5): 429-435.

分担研究者 (山嵜達也)

Kakigi A, Okada T, Takeda T, Takeda S, Nishioka R, Taguchi D, Nishimura M, Yamasoba T. Endocytosis of Microperoxidase in Marginal Cells Is Mainly Regulated by RhoA Signaling Cascade, but Not by Rho-Associated Protein Kinase, Myosin Light-Chain Kinase and Myosin Phosphatase. *ORL J Otorhinolaryngol Relat Spec.* 2010;73(1):1-8.

Fujimoto C, Ozeki H, Uchijima Y, Suzukawa K, Mitani A, Fukuhara S, Nishiyama K, Kurihara Y, Kondo K, Aburatani H, Kaga K, Yamasoba T, Kurihara H. Establishment of mice expressing EGFP in the placode-derived inner ear sensory cell lineage and FACS-array analysis focused on the regional specificity of the otocyst. *J Comp Neurol.* 2010 ;518(23):4702-22.

Suzuki M, Kashio A, Sakamoto T, Yamasoba T. Effect of Burow's solution on the guinea

pig inner ear. *Ann Otol Rhinol Laryngol*. 2010 ;119(7):495-500.

Adachi N, Ito K, Sakata H, Yamasoba T. Etiology and one-year follow-up results of hearing loss identified by screening of newborn hearing in Japan. *Otolaryngol Head Neck Surg*. 2010;143(1):97-100.

Kawamura S, Sakamoto T, Kashio A, Kakigi A, Ito K, Suzuki M, Yamasoba T. Cochlear implantation in a patient with atypical Cogan's syndrome complicated with hypertrophic cranial pachymeningitis. *Auris Nasus Larynx*. 2010;37(6):737-41.

Someya S, Tanokura M, Weindruch R, Prolla TA, Yamasoba T. Effects of caloric restriction on age-related hearing loss in rodents and rhesus monkeys. *Curr Aging Sci*. 2010;3(1):20-5.

Lin Y, Kashio A, Sakamoto T, Suzukawa K, Kakigi A, Yamasoba T. Hydrogen in drinking water attenuates noise-induced hearing loss in guinea pigs. *Neurosci Lett*. in press

Sekimoto S, Tsunoda K, Kaga K, Makiyama K, Tsunoda A, Kondo K, Yamasoba T. Commercially available high-speed system for recording and monitoring vocal fold vibrations. *Acta Otolaryngol* 2009, 129(12) :1524-6.

Ando M, Asai M, Ono T, Nakanishi Y, Asakage T, Yamasoba T. Metastases to the lingual nodes in tongue cancer: A pitfall in a conventional neck dissection. *Auris Nasus Larynx* 2009; [Epub ahead of print].

Jin Y, Shinjo Y, Akamatsu Y, Yamasoba T, Kaga K. Vestibular evoked myogenic potentials of children with inner ear malformations before and after cochlear implantation. *Acta Otolaryngol* 2009, 129(11): 1198-205.

Iwasaki S, Murofushi T, Chihara Y, Ushio M, Suzuki M, Curthoys IS, Yamasoba T. Ocular Vestibular Evoked Myogenic Potentials to Bone-Conducted Vibration in Vestibular Schwannomas. *Otol Neurotol* 2009; [Epub ahead of print].

Chihara Y, Iwasaki S, Fujimoto C, Ushio M, Yamasoba T, Murofushi T. Frequency tuning properties of ocular vestibular evoked myogenic potentials. *Neuroreport* 2009, 20(16): 1491-5.

Kobayashi K, Nakao K, Yoshida M, Ando M, Ebihara Y, Asakage T, Yamasoba T. Recurrent cancer of the parotid gland: how well does salvage surgery work for locoregional failure? *ORL J Otorhinolaryngol Relat Spec* 2009, 71(5): 239-43.

○Kashio A, Amano A, Kondo Y, Sakamoto T, Iwamura H, Suzuki M, Ishigami A, Yamasoba T. Effect of vitamin C depletion on age-related hearing loss in SMP30/GNL knockout mice. *Biochem Biophys Res Commun* 2009, 390(3): 394-8.

Chihara Y, Iwasaki S, Ito K, Yamasoba T, Nakamura S, Sahara Y. The firing properties of vestibular ganglion cells in heterozygous BDNF null mice.

Neuroreport 2009, 20(13): 1167-71.

Kanaya K, Ushio M, Kondo K, Hagiwara M, Suzukawa K, Yamaguchi T, Tojima H, Suzuki M, Yamasoba T. Recovery of facial movement and facial synkinesis in Bell's palsy patients. *Otol Neurotol* 2009, 30(5): 640-4.

Fujimoto C, Murofushi T, Chihara Y, Ushio M, Sugawara K, Yamaguchi T, Yamasoba T, Iwasaki S. Assessment of diagnostic accuracy of foam posturography for peripheral vestibular disorders: analysis of parameters related to visual and somatosensory dependence. *Clin Neurophysiol* 2009, 120(7): 1408-14.

Fujimoto C, Murofushi T, Chihara Y, Suzuki M, Yamasoba T, Iwasaki S. Novel subtype of idiopathic bilateral vestibulopathy: bilateral absence of vestibular evoked myogenic potentials in the presence of normal caloric responses. *J Neurol* 2009, 256(9): 1488-92.

Matsumoto Y, Itaka K, Yamasoba T, Kataoka K. Intranuclear fluorescence resonance energy transfer analysis of plasmid DNA decondensation from nonviral gene carriers. *J Gene Med* 2009, 11(7): 615-23.

Ushio M, Iwasaki S, Murofushi T, Sugawara K, Chihara Y, Fujimoto C, Nakamura M, Yamaguchi T, Yamasoba T. The diagnostic value of vestibular-evoked myogenic potential in patients with vestibular schwannoma. *Clin Neurophysiol* 2009, 120(6): 1149-53.

Chihara Y, Iwasaki S, Ushio M, Fujimoto C, Kashio A, Kondo K, Ito K, Asakage T, Yamasoba T, Kaga K, Murofushi T. Ocular vestibular-evoked myogenic potentials (oVEMPs) require extraocular muscles but not facial or cochlear nerve activity. *Clin Neurophysiol* 2009, 120(3): 581-7.

Kondo K, Watanabe K, Sakamoto T, Suzukawa K, Nibu K, Kaga K, Yamasoba T. Distribution and severity of spontaneous lesions in the neuroepithelium and Bowman's glands in mouse olfactory mucosa: age-related progression. *Cell Tissue Res* 2009, 335(3): 489-503.

Takanami T, Ito K, Yamasoba T, Kaga K. Comparison of Electroaudiometry with cochlear implant in children with inner ear anomaly. *Int J Pediatr Otorhinolaryngol* 2009, 73(1): 153-8.

山嵜 達也. 内耳疾患の治療をめざして—基礎研究の最前線—加齢による内耳変性 老人性難聴の予防に向けて—. *日耳鼻*2009: 112: 414-421

檜尾明憲, 山嵜達也: 耳に奇形もつ乳幼児への初期対応. *JOHNS* 2009, 25: 75-79.

Yuba T, Itoh T, Yamasoba T, Kaga K. Advancement in singing ability using The YUBA Method in patients with cochlear implants. *Acta Otolaryngol (Stockh)* 2008, 128: 465-472.