

Tsukuba

Department of Neurosurgery, Tsukuba Medical Center Hospital, Tsukuba, Ibaraki, [Japan](#).

Kameyama J, Hashizume Y, Takamura Y, Nomura S, Gomi T, Yanagi H. Work engagement, well-being, and intent to continue working based on educational support among foreign care workers in Japan. *Environ Health Prev Med*. 2022;27(0):4. doi: 10.1265/ehpm.21-00248. PMID: 35289323.

Tani N, Ishikawa M, Watanabe M, Ikeda T, Ishikawa T. Thyroid-related hormones as potential markers of hypoxia/ischemia. *Hum Cell*. 2020 Mar 7. doi: 10.1007/s13577-020-00341-x. [Epub ahead of print] PubMed PMID: 32146707.

2: Shibata Y. Delayed traumatic intracerebral hematoma presenting as cortical deafness: case report. *Heliyon*. 2020 Feb 21;6(2):e03443. doi: 10.1016/j.heliyon.2020.e03443. eCollection 2020 Feb. PubMed PMID: 32123766; PubMed Central PMCID: PMC7036520.

3: Ferraris KP, Matsumura H, Wardhana DPW, Vesagas T, Seng K, Mohd Ali MR, Ishikawa E, Matsumura A, Rosyidi RM, Mahadewa T, Kuo MF. The state of neurosurgical training and education in East Asia: analysis and strategy development for this frontier of the world. *Neurosurg Focus*. 2020 Mar 1;48(3):E7. doi: 10.3171/2019.12.FOCUS19814. PubMed PMID: 32114563.

4: Shida A, Ikeda T, Tani N, Morioka F, Aoki Y, Ikeda K, Watanabe M, Ishikawa T. Cortisol levels after cold exposure are independent of adrenocorticotrophic hormone stimulation. *PLoS One*. 2020 Feb 18;15(2):e0218910. doi: 10.1371/journal.pone.0218910. eCollection 2020. PubMed PMID: 32069307; PubMed Central PMCID: PMC7028257.

5: Takahashi T, Marushima A, Nagasaki Y, Hirayama A, Muroi A, Puentes S, Mujagic A, Ishikawa E, Matsumura A. Novel neuroprotection using antioxidant nanoparticles in a mouse model of head trauma. *J Trauma Acute Care Surg*. 2020 Feb 7. doi: 10.1097/TA.0000000000002617. [Epub ahead of print] PubMed PMID: 32039974.

6: Shinya Y, Miyawaki S, Kumagai I, Sugiyama T, Takenobu A, Saito N, Teraoka A. Risk Factors and Outcomes of Cerebral Stroke in End-Stage Renal Disease Patients Receiving Hemodialysis. *J Stroke Cerebrovasc Dis*. 2020 Feb 6:104657. doi: 10.1016/j.jstrokecerebrovasdis.2020.104657. [Epub ahead of print] PubMed PMID: 32037266.

7: Kubota S, Kadone H, Shimizu Y, Abe T, Makihara T, Kubo T, Watanabe H, Marushima A, Koda M, Hada Y, Yamazaki M. Shoulder training using shoulder assistive robot in a patient with shoulder elevation dysfunction: A case report. *J Orthop Sci*. 2020 Jan 30. pii: S0949-2658(20)30002-6. doi: 10.1016/j.jos.2019.12.011. [Epub ahead of print] PubMed PMID: 32008875.

8: Miyazaki T, Ishikawa E, Matsuda M, Sugii N, Kohzuki H, Akutsu H, Sakamoto N, Takano S, Matsumura A. Infiltration of CD163-positive macrophages in glioma tissues after treatment with anti-PD-L1 antibody and role of PI3Ky inhibitor as a combination therapy with anti-PD-L1 antibody in in vivo model using temozolomide-resistant murine glioma-initiating cells. *Brain Tumor Pathol*. 2020 Jan 24. doi: 10.1007/s10014-020-00357-z. [Epub ahead of print] PubMed PMID: 31980975.

9: Hosoo H, Tsuruta W, Hamada Y, Katsumata M, Ishigami D, Ishikawa E, Matsumaru Y, Matsumura A. Retrograde three-dimensional rotational angiography: A novel method for the detection of plaque protrusion during carotid artery stenting under continuous distal balloon protection. *Interv Neuroradiol*. 2020 Jan 24;1591019919900821. doi: 10.1177/1591019919900821. [Epub ahead of print] PubMed PMID: 31979997.

Yamada E, Ito Y, Nakai Y, Uemura K, Ishikawa E, Matsumura A. Infant Fistula-type Arteriovenous Malformation with Cerebellar Hemorrhage Developed into Nidus-type in Adolescence: A Case Report. *World Neurosurg*. 2020 Jan 17. pii: S1878-8750(20)30104-2. doi: 10.1016/j.wneu.2020.01.086. [Epub ahead of print] PubMed PMID: 31958586.

2: Watanabe N, Ishikawa E, Kohzuki H, Sakamoto N, Zaboronok A, Matsuda M, Shibuya M, Matsumura A. Malignant transformation of pleomorphic xanthoastrocytoma and differential diagnosis: case report. *BMC Neurol*. 2020 Jan 15;20(1):21. doi: 10.1186/s12883-020-1601-2. PubMed PMID: 31941461; PubMed Central PMCID: PMC6961389.

3: Kawauchi S, Chida K, Moritake T, Hamada Y, Matsumaru Y, Tsuruta W, Sato M, Hosoo H, Sun L. TREATMENT OF INTERNAL CAROTID ANEURYSMS USING PIPELINE EMBOLIZATION DEVICES: MEASURING THE RADIATION DOSE OF THE PATIENT AND DETERMINING THE FACTORS AFFECTING IT. *Radiat Prot Dosimetry*. 2020 Jan 10. pii: ncz298. doi: 10.1093/rpd/ncz298. [Epub ahead of print] PubMed PMID: 31922569.

4: Kato Y, Dong VH, Chaddad F, Takizawa K, Izumo T, Fukuda H, Hara T, Kikuta K, Nakai Y, Endo T, Kurita H, Xu B, Beneš V, Christian R, Pavesi G, Hodaie M, Sharma RK, Agarwal H, Mohan K, Liew BS. Expert Consensus on the Management of Brain Arteriovenous Malformations. *Asian J Neurosurg*. 2019 Nov 25;14(4):1074-1081. doi: 10.4103/ajns.AJNS_234_19. eCollection 2019 Oct-Dec. Review. PubMed PMID: 31903343; PubMed Central PMCID: PMC6896626.

5: Suzuki M, Onoe K, Sawada M, Takahashi N, Higo N, Murata Y, Tsukada H, Isa T, Onoe H, Nishimura Y. The Ventral Striatum is a Key Node for Functional Recovery of Finger Dexterity After Spinal Cord Injury in Monkeys. *Cereb Cortex*. 2019 Dec 9. pii: bhz307. doi: 10.1093/cercor/bhz307. [Epub ahead of print] PubMed PMID: 31813974.

6: Muroi A, Mizumoto M, Ishikawa E, Ihara S, Fukushima H, Tsurubuchi T, Sakurai H, Matsumura A. Proton therapy for newly diagnosed pediatric diffuse intrinsic pontine glioma. *Childs Nerv Syst*. 2019 Nov 14. doi: 10.1007/s00381-019-04420-9. [Epub ahead of print] PubMed PMID: 31728705.

7: Tsuruta W, Matsumaru Y, Iihara K, Satow T, Sakai N, Katsumata M, Hosoo H, Sato M, Ito Y, Marushima A, Hayakawa M, Ishikawa E, Matsumura A. Clinical Characteristics and Endovascular Treatment for Spinal Dural Arteriovenous Fistula in Japan: Japanese Registry of Neuroendovascular Therapy 2 and 3. *Neurol Med Chir (Tokyo)*. 2019 Dec 15;59(12):492-497. doi: 10.2176/nmc.st.2018-0218. Epub 2019 Nov 9. PubMed PMID: 31708513; PubMed Central PMCID: PMC6923160.

8: Kino H, Ito Y, Akutsu H, Tanaka S, Hara T, Ishikawa E, Miyamoto H, Matsumaru Y, Matsumura A. Combined Endoscopic Endonasal and Bilateral Subfrontal Approach for a Nonfunctioning pituitary neuroendocrine tumor Associated with an Internal Carotid Artery-Superior Hypophyseal Artery Aneurysm. *World Neurosurg*. 2019 Nov 5;134:297-301. doi: 10.1016/j.wneu.2019.10.159. [Epub ahead of print] PubMed PMID: 31698130.

9: Kino H, Akutsu H, Tanaka S, Hara T, Miyamoto H, Sakamoto N, Takano S, Masumoto T, Shiigai M, Ishikawa E, Matsumura A. Endoscopic endonasal cyst fenestration into the sphenoid sinus using the

mucosa coupling method for symptomatic Rathke's cleft cyst: a novel method for maintaining cyst drainage to prevent recurrence. *J Neurosurg.* 2019 Nov 1:1-11. doi: 10.3171/2019.8.JNS191103. [Epub ahead of print] PubMed PMID: 31675725.

10: Terakado T, Nakai Y, Ikeda G, Uemura K, Matsumaru Y, Ishikawa E, Matsumura A. Effectiveness of Low-Dose Intravenous Fentanyl for Postoperative Headache Management After Neck Clipping of Ruptured Intracranial Aneurysms. *World Neurosurg.* 2019 Oct 18. pii: S1878-8750(19)32680-4. doi: 10.1016/j.wneu.2019.10.062. [Epub ahead of print] PubMed PMID: 31634620.

11: Isozaki A, Mikami H, Hiramatsu K, Sakuma S, Kasai Y, Iino T, Yamano T, Yasumoto A, Oguchi Y, Suzuki N, Shirasaki Y, Endo T, Ito T, Hiraki K, Yamada M, Matsusaka S, Hayakawa T, Fukuzawa H, Yatomi Y, Arai F, Di Carlo D, Nakagawa A, Hoshino Y, Hosokawa Y, Uemura S, Sugimura T, Ozeki Y, Nitta N, Goda K. Author Correction: A practical guide to intelligent image-activated cell sorting. *Nat Protoc.* 2019 Nov;14(11):3273. doi: 10.1038/s41596-019-0252-5. PubMed PMID: 31624371.

12: Tsurushima H, Mizukami M, Yoshikawa K, Ueno T, Hada Y, Goshō M, Kohno Y, Hashimoto K, Iizumi Y, Kikuchi T, Matsumura A; Hit2016 Study Group. Effectiveness of a Walking Program Involving the Hybrid Assistive Limb Robotic Exoskeleton Suit for Improving Walking Ability in Stroke Patients: Protocol for a Randomized Controlled Trial. *JMIR Res Protoc.* 2019 Oct 11;8(10):e14001. doi: 10.2196/14001. PubMed PMID: 31605515; PubMed Central PMCID: PMC6913690.

13: Iwamoto H, Muroi A, Sekine T, Tsurubuchi T, Ishikawa E, Matsumura A. Unusual Form of Obstructive Hydrocephalus in Association with 6q Terminal Deletion Syndrome: A Case Report and Literature Review. *Pediatr Neurosurg.* 2019;54(6):419-423. doi: 10.1159/000503108. Epub 2019 Oct 9. PubMed PMID: 31597145.

14: Shinya Y, Hasegawa H, Shin M, Sugiyama T, Kawashima M, Takahashi W, Iwasaki S, Kashio A, Nakatomi H, Saito N. Long-Term Outcomes of Stereotactic Radiosurgery for Vestibular Schwannoma Associated with Neurofibromatosis Type 2 in Comparison to Sporadic Schwannoma. *Cancers (Basel).* 2019 Oct 7;11(10). pii: E1498. doi: 10.3390/cancers11101498. PubMed PMID: 31591325; PubMed Central PMCID: PMC6827030.

15: Nishimura A, Nishimura K, Onozuka D, Matsuo R, Kada A, Kamitani S, Higashi T, Ogasawara K, Shimodozono M, Harada M, Hashimoto Y, Hirano T, Hoshino H, Itabashi R, Itoh Y, Iwama T, Kohriyama T, Matsumaru Y, Osato T, Sasaki M, Shiokawa Y, Shimizu H, Takekawa H, Nishi T, Uno M, Yagita Y, Ido K, Kurogi A, Kurogi R, Arimura K, Ren N, Hagihara A, Takizawa S, Arai H, Kitazono T, Miyamoto S, Minematsu K, Iihara K; J-ASPECT study collaborators. Development of Quality Indicators of Stroke Centers and Feasibility of Their Measurement Using a Nationwide Insurance Claims Database in Japan — J-ASPECT Study —. *Circ J.* 2019 Oct 25;83(11):2292-2302. doi: 10.1253/circj.CJ-19-0089. Epub 2019 Sep 26. PubMed PMID: 31554766.

16: Fukuda H, Sato D, Kato Y, Tsuruta W, Katsumata M, Hosoo H, Matsumaru Y, Yamamoto T. Comparing Retreatments and Expenditures in Flow Diversion Versus Coiling for Unruptured Intracranial Aneurysm Treatment: A Retrospective Cohort Study Using a Real-World National Database. *Neurosurgery.* 2019 Sep 20. pii: nyz377. doi: 10.1093/neuros/nyz377. [Epub ahead of print] PubMed PMID: 31541237.

17: Fujimoto A, Okanishi T, Sato K, Itamura S, Baba S, Ichikawa N, Nishimura M, Sakakura K, Masuda Y, Enoki H. Hemispherotomy can cause post-operative strabismus. *Brain Dev.* 2020 Jan;42(1):41-47. doi: 10.1016/j.braindev.2019.08.011. Epub 2019 Sep 11. PubMed PMID: 31521421.

18: Naffouje R, Grover P, Yu H, Sendilnathan A, Wolfe K, Majd N, Smith EP, Takeuchi K, Senda T, Kofuji

S, Sasaki AT. Anti-Tumor Potential of IMP Dehydrogenase Inhibitors: A Century-Long Story. *Cancers* (Basel). 2019 Sep 11;11(9). pii: E1346. doi: 10.3390/cancers11091346. Review. PubMed PMID: 31514446; PubMed Central PMCID: PMC6770829.

19: Tsurubuchi T, Nakano Y, Hirato J, Yoshida A, Muroi A, Sakamoto N, Alexander Z, Matsuda M, Ishikawa E, Kohno T, Yoshioka T, Honda-Kitahara M, Ichimura K, Yamamoto T, Matsumura A. Subependymal giant cell astrocytoma harboring a PRRC2B-ALK fusion: A case report. *Pediatr Blood Cancer*. 2019 Dec;66(12):e27995. doi: 10.1002/pbc.27995. Epub 2019 Sep 10. PubMed PMID: 31502411.

20: Maehara T, Kamiya K, Fujimaki T, Matsumura A, Hongo K, Kuroda S, Matsumae M, Takeshima H, Sugo N, Nakao N, Saito N, Ikawa F, Tamura N, Sakurada K, Shimokawa S, Arai H, Tamura K, Sumita K, Hara S, Kato Y; Gender Equality Committee of the Japan Neurosurgical Society. A Questionnaire to Assess the Challenges Faced by Women Who Quit Working as Full-Time Neurosurgeons. *World Neurosurg*. 2020 Jan;133:331-342. doi: 10.1016/j.wneu.2019.08.045. Epub 2019 Aug 19. PubMed PMID: 31437517.

21: Takami H, Fukuoka K, Fukushima S, Nakamura T, Mukasa A, Saito N, Yanagisawa T, Nakamura H, Sugiyama K, Kanamori M, Tominaga T, Maehara T, Nakada M, Kanemura Y, Asai A, Takeshima H, Hirose Y, Iuchi T, Nagane M, Yoshimoto K, Matsumura A, Kurozumi K, Nakase H, Sakai K, Tokuyama T, Shibui S, Nakazato Y, Narita Y, Nishikawa R, Matsutani M, Ichimura K. Integrated clinical, histopathological, and molecular data analysis of 190 central nervous system germ cell tumors from the iGCT Consortium. *Neuro Oncol*. 2019 Dec 17;21(12):1565-1577. doi: 10.1093/neuonc/noz139. PubMed PMID: 31420671; PubMed Central PMCID: PMC6917411.

22: Takagi T, Yoshimura S, Sakai N, Iihara K, Oishi H, Hirohata M, Matsumaru Y, Matsumoto Y, Yamagami H, Menon BK, Almekhlafi M, Holodinsky JK, Kamal N, Hill MD, Goyal M. Distribution and current problems of acute endovascular therapy for large artery occlusion from a two-year national survey in Japan. *Int J Stroke*. 2019 Aug 14;1747493019869706. doi: 10.1177/1747493019869706. [Epub ahead of print] PubMed PMID: 31409212.

23: Watanabe S, Kato N, Sato M, Aiyama H, Fujiwara Y, Goto M, Yamazaki T, Yasuda S, Ishikawa E, Matsumura A. Treatment Outcomes of Burr-Hole Surgery for Chronic Subdural Hematoma in the Elderly Living Beyond Life Expectancy: A Study Comparing Cure, Recurrence, and Complications in Patients Aged ≥ 80 Years versus ≤ 79 Years. *World Neurosurg*. 2019 Dec;132:e812-e819. doi: 10.1016/j.wneu.2019.08.003. Epub 2019 Aug 9. PubMed PMID: 31404689.

24: Shioya A, Mashiko R, Shiigai M, Nakai Y, Takahashi N, Kobayashi H, Irie T, Tamaoka A. Dural Sinus Thrombosis with Nonsymptomatic Persistent Falcine Sinus: A Case Report. *J Stroke Cerebrovasc Dis*. 2019 Nov;28(11):104309. doi: 10.1016/j.jstrokecerebrovasdis.2019.104309. Epub 2019 Aug 9. PubMed PMID: 31402085.

25: Sakakura K, Muroi A, Tsurubuchi T, Takano S, Ishikawa E, Matsumura A. Pure germinoma occurring 11 years after total pineal mature teratoma removal: a case report and review of the literature. *Childs Nerv Syst*. 2019 Dec;35(12):2423-2426. doi: 10.1007/s00381-019-04332-8. Epub 2019 Aug 5. PubMed PMID: 31385089.

26: Terakado T, Marushima A, Koyama Y, Tsuruta W, Takigawa T, Ito Y, Hino T, Sato M, Hayakawa M, Ishikawa E, Inoue Y, Matsumaru Y, Matsumura A. Effectiveness of Near-Infrared Spectroscopy (NIRO-200NX, Pulse Mode) for Risk Management in Carotid Artery Stenting. *World Neurosurg*. 2019 Nov;131:e425-e432. doi: 10.1016/j.wneu.2019.07.184. Epub 2019 Jul 31. PubMed PMID: 31376552.

- 27: Inoue M, Okawa K, Taguchi J, Hirota Y, Yanagiya Y, Kikuchi C, Iwabuchi M, Murai T, Iwata H, Shiomi H, Koike I, Tatewaki K, Ohta S. Factors affecting the accuracy of respiratory tracking of the image-guided robotic radiosurgery system. *Jpn J Radiol*. 2019 Oct;37(10):727-734. doi: 10.1007/s11604-019-00859-7. Epub 2019 Jul 31. PubMed PMID: 31367890.
- 28: Nakano T, Shigeta K, Ota T, Amano T, Ueda M, Matsumaru Y, Shiokawa Y, Hirano T. Efficacy and Safety of Mechanical Thrombectomy for Occlusion of the Second Segment of the Middle Cerebral Artery : Retrospective Analysis of the Tama-REgistry of Acute endovascular Thrombectomy (TREAT). *Clin Neuroradiol*. 2019 Jul 23. doi: 10.1007/s00062-019-00810-3. [Epub ahead of print] PubMed PMID: 31338541.
- 29: Ueno T, Watanabe H, Kawamoto H, Shimizu Y, Endo A, Shimizu T, Ishikawa K, Kadone H, Ohto T, Kamada H, Marushima A, Hada Y, Muroi A, Sankai Y, Ishikawa E, Matsumura A, Yamazaki M. Feasibility and safety of Robot Suit HAL treatment for adolescents and adults with cerebral palsy. *J Clin Neurosci*. 2019 Oct;68:101-104. doi: 10.1016/j.jocn.2019.07.026. Epub 2019 Jul 20. PubMed PMID: 31337581.
- 30: Hasegawa H, Hanakita S, Shin M, Sugiyama T, Kawashima M, Takahashi W, Ishikawa O, Nakatomi H, Saito N. Re-Evaluation of the Size Limitation in Single-Session Stereotactic Radiosurgery for Brain Arteriovenous Malformations: Detailed Analyses on the Outcomes with Focusing on Radiosurgical Doses. *Neurosurgery*. 2019 Jul 19. pii: nyz280. doi: 10.1093/neuros/nyz280. [Epub ahead of print] PubMed PMID: 31322166.
- 31: Isozaki A, Mikami H, Hiramatsu K, Sakuma S, Kasai Y, Iino T, Yamano T, Yasumoto A, Oguchi Y, Suzuki N, Shirasaki Y, Endo T, Ito T, Hiraki K, Yamada M, Matsusaka S, Hayakawa T, Fukuzawa H, Yatomi Y, Arai F, Di Carlo D, Nakagawa A, Hoshino Y, Hosokawa Y, Uemura S, Sugimura T, Ozeki Y, Nitta N, Goda K. A practical guide to intelligent image-activated cell sorting. *Nat Protoc*. 2019 Aug;14(8):2370-2415. doi: 10.1038/s41596-019-0183-1. Epub 2019 Jul 5. Erratum in: *Nat Protoc*. 2019 Oct 17;:. PubMed PMID: 31278398.
- 32: Watanabe H, Koike A, Wu L, Kato H, Konno H, Sato A, Kawamoto H, Matsumura A, Aonuma K, Sankai Y, Ieda M. Efficacy of Cardiac Rehabilitation with Assistance from Hybrid Assistive Limb in Patients with Chronic Heart Failure: Protocol for a Randomized Controlled Study. *Cardiology*. 2019;142(4):213-219. doi: 10.1159/000500263. Epub 2019 Jun 25. PubMed PMID: 31238304.
- 33: Mei T, Kim A, Vong LB, Marushima A, Puentes S, Matsumaru Y, Matsumura A, Nagasaki Y. Encapsulation of tissue plasminogen activator in pH-sensitive self-assembled antioxidant nanoparticles for ischemic stroke treatment - Synergistic effect of thrombolysis and antioxidant. *Biomaterials*. 2019 Sep;215:119209. doi: 10.1016/j.biomaterials.2019.05.020. Epub 2019 May 13. PubMed PMID: 31181394.
- 34: Takami H, Fukushima S, Aoki K, Satomi K, Narumi K, Hama N, Matsushita Y, Fukuoka K, Yamasaki K, Nakamura T, Mukasa A, Saito N, Suzuki T, Yanagisawa T, Nakamura H, Sugiyama K, Tamura K, Maehara T, Nakada M, Nonaka M, Asai A, Yokogami K, Takeshima H, Iuchi T, Kanemura Y, Kobayashi K, Nagane M, Kurozumi K, Yoshimoto K, Matsuda M, Matsumura A, Hirose Y, Tokuyama T, Kumabe T, Ueki K, Narita Y, Shibui S, Totoki Y, Shibata T, Nakazato Y, Nishikawa R, Matsutani M, Ichimura K; Intracranial Germ Cell Tumor Genome Analysis Consortium (the iGCT Consortium). Intratumoural immune cell landscape in germinoma reveals multipotent lineages and exhibits prognostic significance. *Neuropathol Appl Neurobiol*. 2019 Jun 10. doi: 10.1111/nan.12570. [Epub ahead of print] PubMed PMID: 31179566.
- 35: Watanabe H, Koike A, Pak YJ, Wu L, Kubota H, Konno H, Sato A, Kawamoto H, Matsumura A, Aonuma K, Sankai Y, Ieda M. Effects of a lumbar-type hybrid assistive limb on cardiopulmonary

burden during squat exercise in healthy subjects. *J Clin Neurosci*. 2019 Aug;66:226-230. doi: 10.1016/j.jocn.2019.05.026. Epub 2019 May 31. PubMed PMID: 31160202.

36: Hirata K, Ito Y, Tsuruta W, Takigawa T, Marushima A, Sato M, Hayakawa M, Nakai Y, Kato N, Uemura K, Suzuki K, Matsumaru Y, Hyodo A, Ishikawa E, Matsumura A. Treatment Outcomes of Cerebral Aneurysms Presenting with Optic Neuropathy: A Retrospective Case Series. *Asian J Neurosurg*. 2019 Apr-Jun;14(2):499-505. doi: 10.4103/ajns.AJNS_294_18. PubMed PMID: 31143269; PubMed Central PMCID: PMC6515994.

37: Yamamoto M, Aiyama H, Koiso T, Watanabe S, Kawabe T, Sato Y, Higuchi Y, Kasuya H, Barfod BE. Applicability and limitations of a recently-proposed prognostic grading metric, initial brain metastases velocity, for brain metastases patients undergoing stereotactic radiosurgery. *J Neurooncol*. 2019 Jul;143(3):613-621. doi: 10.1007/s11060-019-03199-8. Epub 2019 May 28. PubMed PMID: 31140039.

38: Watanabe S, Yamamoto M, Kawabe T, Koiso T, Aiyama H, Kasuya H, Barfod BE. Long-term follow-up results of stereotactic radiosurgery for vestibular schwannomas larger than 8 cc. *Acta Neurochir (Wien)*. 2019 Jul;161(7):1457-1465. doi: 10.1007/s00701-019-03951-z. Epub 2019 May 24. PubMed PMID: 31127373.

39: Takahashi M, Miki S, Fujimoto K, Fukuoka K, Matsushita Y, Maida Y, Yasukawa M, Hayashi M, Shinkyo R, Kikuchi K, Mukasa A, Nishikawa R, Tamura K, Narita Y, Hamada A, Masutomi K, Ichimura K. Eribulin penetrates brain tumor tissue and prolongs survival of mice harboring intracerebral glioblastoma xenografts. *Cancer Sci*. 2019 Jul;110(7):2247-2257. doi: 10.1111/cas.14067. Epub 2019 Jun 10. PubMed PMID: 31099446; PubMed Central PMCID: PMC6609810.

40: Kimura Y, Shioya A, Saito Y, Oitani Y, Shigemoto Y, Morimoto E, Suzuki F, Ikegaya N, Kimura Y, Iijima K, Takayama Y, Iwasaki M, Sasaki M, Sato N. Radiologic and Pathologic Features of the Transmantle Sign in Focal Cortical Dysplasia: The T1 Signal Is Useful for Differentiating Subtypes. *AJNR Am J Neuroradiol*. 2019 Jun;40(6):1060-1066. doi: 10.3174/ajnr.A6067. Epub 2019 May 16. PubMed PMID: 31097427.

41: Yamamoto M, Higuchi Y, Sato Y, Aiyama H, Kasuya H, Barfod BE. Stereotactic Radiosurgery for Patients with 10 or More Brain Metastases. *Prog Neurol Surg*. 2019;34:110-124. doi: 10.1159/000493056. Epub 2019 May 16. PubMed PMID: 31096244.

42: Kaneko J, Ota T, Tagami T, Unemoto K, Shigeta K, Amano T, Ueda M, Matsumaru Y, Shiokawa Y, Hirano T; TREAT Study Group. Endovascular treatment of acute basilar artery occlusion: Tama-REgistry of Acute Thrombectomy (TREAT) study. *J Neurol Sci*. 2019 Jun 15;401:29-33. doi: 10.1016/j.jns.2019.04.010. Epub 2019 Apr 12. PubMed PMID: 31005761.

43: Watanabe M, Ohyama A, Ishikawa H, Tanaka A. Correction to: Three-dimensional bone formation including vascular networks derived from dental pulp stem cells in vitro. *Hum Cell*. 2019 Jul;32(3):401. doi: 10.1007/s13577-019-00250-8. PubMed PMID: 30989615.

44: Imamura H, Sakai N, Ito Y, Sakai C, Hyodo A, Miyachi S, Matsumaru Y, Yoshimura S, Abe T, Yamagami H, Hayakawa M, Sato H, Fujinaka T, Tanabe K; JHSR Collaborators. Prospective Registry of Embolization of Intracranial Aneurysms Using HydroSoft Coils: Results of the Japanese HydroSoft Registry. *World Neurosurg*. 2019 Jul;127:e631-e637. doi: 10.1016/j.wneu.2019.03.234. Epub 2019 Apr 1. PubMed PMID: 30947007.

45: Le Moëne O, Stavarache M, Ogawa S, Musatov S, Ågmo A. Estrogen receptors α and β in the central amygdala and the ventromedial nucleus of the hypothalamus: Sociosexual behaviors, fear and arousal in female rats during emotionally challenging events. *Behav Brain Res*. 2019 Jul

23;367:128-142. doi: 10.1016/j.bbr.2019.03.045. Epub 2019 Mar 27. PubMed PMID: 30928462.

46: Suzuki K, Kimura K, Takeuchi M, Morimoto M, Kanazawa R, Kamiya Y, Shigeta K, Ishii N, Takayama Y, Koguchi Y, Takigawa T, Hayakawa M, Ota T, Okubo S, Naito H, Akaji K, Kato N, Inoue M, Hirano T, Miki K, Ueda T, Iguchi Y, Fujimoto S, Otsuka T, Matsumaru Y. The randomized study of endovascular therapy with versus without intravenous tissue plasminogen activator in acute stroke with ICA and M1 occlusion (SKIP study). *Int J Stroke*. 2019 Oct;14(7):752-755. doi: 10.1177/1747493019840932. Epub 2019 Mar 29. PubMed PMID: 30924762.

47: Koiso T, Yamamoto M, Watanabe S, Barfod BE. Signal intensity increases in dentate nucleus/globus pallidus/pulvinar on unenhanced T1WI MR images after multiple examinations with gadodiamide. *Neuroradiol J*. 2019 Jun;32(3):215-224. doi: 10.1177/1971400919839646. Epub 2019 Mar 29. PubMed PMID: 30924388; PubMed Central PMCID: PMC6512212.

48: Phillips RE, Yang Y, Smith RC, Thompson BM, Yamasaki T, Soto-Feliciano YM, Funato K, Liang Y, Garcia-Bermudez J, Wang X, Garcia BA, Yamasaki K, McDonald JG, Birsoy K, Tabar V, Allis CD. Target identification reveals lanosterol synthase as a vulnerability in glioma. *Proc Natl Acad Sci U S A*. 2019 Apr 16;116(16):7957-7962. doi: 10.1073/pnas.1820989116. Epub 2019 Mar 28. PubMed PMID: 30923116; PubMed Central PMCID: PMC6475387.

49: Hosoo H, Tsuruta W, Nakai Y, Shiigai M, Sato M, Ito Y, Takigawa T, Marushima A, Ishikawa E, Yamamoto T, Matsumaru Y, Matsumura A. The Visualization Methods of Occluded Dural Sinus for Safe Transvenous Embolization of Dural AVFs. *World Neurosurg*. 2019 Jul;127:e337-e345. doi: 10.1016/j.wneu.2019.02.250. Epub 2019 Mar 20. PubMed PMID: 30904803.

50: Hitomi G, Matsubara S, Moritake T, Sun L, Mura M, Matsumoto H, Kusachi F, Matsumaru Y, Uno M. [The First Step in the Optimization of Radiation Protection of Patients in Cerebral Angiography: Investigate the Possibility of Constructing the Diagnostic Reference Level by Imaging Objective/Disease Group Using Display Value of the Blood Vessel Imaging Apparatus]. *Nihon Hoshasen Gijutsu Gakkai Zasshi*. 2019;75(3):263-269. doi: 10.6009/jjrt.2019_JSRT_75.3.263. Japanese. PubMed PMID: 30890674.

51: Yamawaki M, Muramatsu T, Ashida K, Kishi K, Morino Y, Kinoshita Y, Fujii T, Noguchi Y, Hosogi S, Kawai K, Hibi K, Shibata Y, Ohira H, Morita Y, Tarutani Y, Toda M, Shimada Y, Ikari Y, Ando J, Hikichi Y, Otsuka Y, Fuku Y, Ito S, Katoh H, Kadota K, Ito Y, Mitsudo K. Randomized comparison between 2-link cell design biolimus A9-eluting stent and 3-link cell design everolimus-eluting stent in patients with de novo true coronary bifurcation lesions: the BEGIN trial. *Heart Vessels*. 2019 Aug;34(8):1297-1308. doi: 10.1007/s00380-019-01368-3. Epub 2019 Mar 11. PubMed PMID: 30859377.

52: Sakakura K, Nakai Y, Ikeda G, Shiigai M, Watanabe N, Uemura K, Zaboronok A, Ishikawa E, Matsumura A. Transvenous Embolization of Dural Arteriovenous Fistula of the Anterior Condylar Confluence via the Intercavernous Sinus Assisted by Bone Subtraction Computed Tomography Angiography. *World Neurosurg*. 2019 Jun;126:151-155. doi: 10.1016/j.wneu.2019.02.175. Epub 2019 Mar 9. PubMed PMID: 30857996.

53: Matsumura H, Matsuda M, Tabuchi K, Yamamoto T, Ishikawa E, Matsumura A. Vestibular schwannoma extending into the tympanic cavity and jugular fossa by invasion of the petrous bone. *Br J Neurosurg*. 2019 Mar 11:1-3. doi: 10.1080/02688697.2019.1588226. [Epub ahead of print] PubMed PMID: 30856348.

54: Sakai N, Uchida K, Iihara K, Satow T, Ezura M, Hyodo A, Miyachi S, Miyamoto S, Nagai Y, Nishimura K, Toyoda K, Yoshimura S, Imamura H, Sakai C, Matsumaru Y; Japanese Registry of

Neuroendovascular Therapy (JR-NET) investigators. Japanese Surveillance of Neuroendovascular Therapy in JR-NET - Part II. Japanese Registry of NeuroEndovascular Treatment 3. Main Report. *Neurol Med Chir (Tokyo)*. 2019 Mar 15;59(3):106-115. doi: 10.2176/nmc.oa.2018-0267. Epub 2019 Mar 7. PubMed PMID: 30842388; PubMed Central PMCID: PMC6434423.

55: Takahashi H, Aoki Y, Saito J, Nakajima A, Sonobe M, Akatsu Y, Inoue M, Taniguchi S, Yamada M, Koyama K, Yamamoto K, Shiga Y, Inage K, Orita S, Maki S, Furuya T, Koda M, Yamazaki M, Ohtori S, Nakagawa K. Unilateral laminectomy for bilateral decompression improves low back pain while standing equally on both sides in patients with lumbar canal stenosis: analysis using a detailed visual analogue scale. *BMC Musculoskelet Disord*. 2019 Mar 4;20(1):100. doi: 10.1186/s12891-019-2475-6. PubMed PMID: 30832643; PubMed Central PMCID: PMC6399850.

56: Sakakura K, Tsurubuchi T, Masumoto T, Muroi A, Ishikawa E, Matsumura A. Primary cavernous sinus germinoma with atypical extension pattern: a case report and review of the literature. *Childs Nerv Syst*. 2019 Sep;35(9):1615-1619. doi: 10.1007/s00381-019-04092-5. Epub 2019 Feb 22. PubMed PMID: 30796559.

57: Shigeta K, Ota T, Amano T, Ueda M, Matsumaru Y, Shiokawa Y, Hirano T. Widening Time Disparities between Two Paradigms: Tama-REgistry of Acute Endovascular Thrombectomy. *J Stroke Cerebrovasc Dis*. 2019 May;28(5):1267-1273. doi: 10.1016/j.jstrokecerebrovasdis.2019.01.021. Epub 2019 Feb 13. PubMed PMID: 30772163.

58: Miyake Z, Tomidokoro Y, Tsurubuchi T, Matsumura A, Sakamoto N, Noguchi M, Tamaoka A. Intravascular large B-cell lymphoma presenting with hearing loss and dizziness: A case report. *Medicine (Baltimore)*. 2019 Feb;98(7):e14470. doi: 10.1097/MD.00000000000014470. PubMed PMID: 30762766; PubMed Central PMCID: PMC6407998.

59: Tomita K, Ishikawa H. Existence of Neural Stem Cells in Mouse Spleen. *ScientificWorldJournal*. 2019 Jan 9;2019:6264072. doi: 10.1155/2019/6264072. eCollection 2019. PubMed PMID: 30728755; PubMed Central PMCID: PMC6343157.

60: Hayakawa M, Sugiu K, Yoshimura S, Hishikawa T, Yamagami H, Fukuda-Doi M, Sakai N, Iihara K, Ogasawara K, Oishi H, Ito Y, Matsumaru Y. Effectiveness of staged angioplasty for avoidance of cerebral hyperperfusion syndrome after carotid revascularization. *J Neurosurg*. 2019 Jan 18:1-11. doi: 10.3171/2018.8.JNS18887. [Epub ahead of print] PubMed PMID: 30660130.

61: Noguchi H, Koda M, Funayama T, Kumagai H, Abe T, Nagashima K, Miura K, Mataka K, Fujii K, Yamazaki M. Bone bonding, displacement, and absorption in cases of double-door laminoplasty with unidirectional porous hydroxyapatite spacers. *J Clin Neurosci*. 2019 Apr;62:46-52. doi: 10.1016/j.jocn.2019.01.012. Epub 2019 Jan 14. PubMed PMID: 30655232.

62: Sugii N, Zaboronok A, Fujimori H, Sato N, Fujita K, Ishikawa E, Matsumura A. Stroke Mimics and Accuracy of Referrals Made by Emergency Department Doctors in Japan for Patients with Suspected Stroke. *J Stroke Cerebrovasc Dis*. 2019 Apr;28(4):1078-1084. doi: 10.1016/j.jstrokecerebrovasdis.2018.12.032. Epub 2019 Jan 9. PubMed PMID: 30638941.

63: Yokoyama T, Yagi Mendoza H, Tanaka T, Ii H, Takano R, Yaegaki K, Ishikawa H. Regulation of CCl(4)-induced liver cirrhosis by hepatically differentiated human dental pulp stem cells. *Hum Cell*. 2019 Apr;32(2):125-140. doi: 10.1007/s13577-018-00234-0. Epub 2019 Jan 12. PubMed PMID: 30637566.

64: Théry C, Witwer KW, Aikawa E, Alcaraz MJ, Anderson JD, Andriantsitohaina R, Antoniou A, Arab T, Archer F, Atkin-Smith GK, Ayre DC, Bach JM, Bachurski D, Baharvand H, Balaj L, Baldacchino S, Bauer

NN, Baxter AA, Bebawy M, Beckham C, Bedina Zavec A, Benmoussa A, Berardi AC, Bergese P, Bielska E, Blenkins C, Bobis-Wozowicz S, Boilard E, Boireau W, Bongiovanni A, Borràs FE, Bosch S, Boulanger CM, Breakefield X, Breglio AM, Brennan MÁ, Brigstock DR, Brisson A, Broekman ML, Bromberg JF, Bryl-Górecka P, Buch S, Buck AH, Burger D, Busatto S, Buschmann D, Bussolati B, Buzás EI, Byrd JB, Camussi G, Carter DR, Caruso S, Chamley LW, Chang YT, Chen C, Chen S, Cheng L, Chin AR, Clayton A, Clerici SP, Cocks A, Cocucci E, Coffey RJ, Cordeiro-da-Silva A, Couch Y, Coumans FA, Coyle B, Crescitelli R, Criado MF, D'Souza-Schorey C, Das S, Datta Chaudhuri A, de Candia P, De Santana EF, De Wever O, Del Portillo HA, Demaret T, Deville S, Devitt A, Dhondt B, Di Vizio D, Dieterich LC, Dolo V, Dominguez Rubio AP, Dominici M, Dourado MR, Driedonks TA, Duarte FV, Duncan HM, Eichenberger RM, Ekström K, El Andaloussi S, Elie-Caille C, Erdbrügger U, Falcón-Pérez JM, Fatima F, Fish JE, Flores-Bellver M, Forsönits A, Frelet-Barrand A, Fricke F, Fuhrmann G, Gabrielsson S, Gámez-Valero A, Gardiner C, Gärtner K, Gaudin R, Gho YS, Giebel B, Gilbert C, Gimona M, Giusti I, Goberdhan DC, Görgens A, Gorski SM, Greening DW, Gross JC, Gualerzi A, Gupta GN, Gustafson D, Handberg A, Haraszi RA, Harrison P, Hegyesi H, Hendrix A, Hill AF, Hochberg FH, Hoffmann KF, Holder B, Holthofer H, Hosseinkhani B, Hu G, Huang Y, Huber V, Hunt S, Ibrahim AG, Ikezu T, Inal JM, Isin M, Ivanova A, Jackson HK, Jacobsen S, Jay SM, Jayachandran M, Jenster G, Jiang L, Johnson SM, Jones JC, Jong A, Jovanovic-Talisman T, Jung S, Kalluri R, Kano SI, Kaur S, Kawamura Y, Keller ET, Khamari D, Khomyakova E, Khvorova A, Kierulf P, Kim KP, Kislinger T, Klingeborn M, Klink DJ 2nd, Kornek M, Kosanović MM, Kovács ÁF, Krämer-Albers EM, Krasemann S, Krause M, Kurochkin IV, Kusuma GD, Kuypers S, Laitinen S, Langevin SM, Languino LR, Lannigan J, Lässer C, Laurent LC, Lavieu G, Lázaro-Ibáñez E, Le Lay S, Lee MS, Lee YXF, Lemos DS, Lenassi M, Leszczynska A, Li IT, Liao K, Libregts SF, Ligeti E, Lim R, Lim SK, Linē A, Linnemannstöns K, Llorente A, Lombard CA, Lorenowicz MJ, Lörincz ÁM, Lötvall J, Lovett J, Lowry MC, Loyer X, Lu Q, Lukomska B, Lunavat TR, Maas SL, Malhi H, Marcilla A, Mariani J, Mariscal J, Martens-Uzunova ES, Martin-Jaular L, Martinez MC, Martins VR, Mathieu M, Mathivanan S, Maugeri M, McGinnis LK, McVey MJ, Meckes DG Jr, Meehan KL, Mertens I, Minciacci VR, Möller A, Møller Jørgensen M, Morales-Kastresana A, Morhayim J, Mullier F, Muraca M, Musante L, Mussack V, Muth DC, Myburgh KH, Najrana T, Nawaz M, Nazarenko I, Nejsun P, Neri C, Neri T, Nieuwland R, Nimrichter L, Nolan JP, Nolte-'t Hoen EN, Noren Hooten N, O'Driscoll L, O'Grady T, O'Loughlin A, Ochiya T, Olivier M, Ortiz A, Ortiz LA, Osteikoetxea X, Østergaard O, Ostrowski M, Park J, Pegtel DM, Peinado H, Perut F, Pfaffl MW, Phinney DG, Pieters BC, Pink RC, Pisetsky DS, Pogge von Strandmann E, Polakovicova I, Poon IK, Powell BH, Prada I, Pulliam L, Quesenberry P, Radeghieri A, Raffai RL, Raimondo S, Rak J, Ramirez MI, Raposo G, Rayyan MS, Regev-Rudzki N, Ricklefs FL, Robbins PD, Roberts DD, Rodrigues SC, Rohde E, Rome S, Rouschop KM, Rugghetti A, Russell AE, Saá P, Sahoo S, Salas-Huenuleo E, Sánchez C, Saugstad JA, Saul MJ, Schiffelers RM, Schneider R, Schøyen TH, Scott A, Shahaj E, Sharma S, Shatnyeva O, Shekari F, Shelke GV, Shetty AK, Shiba K, Siljander PR, Silva AM, Skowronek A, Snyder OL 2nd, Soares RP, Sódar BW, Soekmadji C, Sotillo J, Stahl PD, Stoorvogel W, Stott SL, Strasser EF, Swift S, Tahara H, Tewari M, Timms K, Tiwari S, Tixeira R, Tkach M, Toh WS, Tomasini R, Torrecilhas AC, Tosar JP, Toxavidis V, Urbanelli L, Vader P, van Balkom BW, van der Grein SG, Van Deun J, van Herwijnen MJ, Van Keuren-Jensen K, van Niel G, van Royen ME, van Wijnen AJ, Vasconcelos MH, Vechetti IJ Jr, Veit TD, Vella LJ, Velot É, Verweij FJ, Vestad B, Viñas JL, Visnovitz T, Vukman KV, Wahlgren J, Watson DC, Wauben MH, Weaver A, Webber JP, Weber V, Wehman AM, Weiss DJ, Welsh JA, Wendt S, Wheelock AM, Wiener Z, Witte L, Wolfram J, Xagorari A, Xander P, Xu J, Yan X, Yáñez-Mó M, Yin H, Yuana Y, Zappulli V, Zarubova J, Žekas V, Zhang JY, Zhao Z, Zheng L, Zheutlin AR, Zickler AM, Zimmermann P, Zivkovic AM, Zocco D, Zuba-Surma EK. Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. *J Extracell Vesicles*. 2018 Nov 23;7(1):1535750. doi: 10.1080/20013078.2018.1535750. eCollection 2018. PubMed PMID: 30637094; PubMed Central PMCID: PMC6322352.

65: Cornwell WK 3rd, Ambardekar AV, Tran T, Pal JD, Cava L, Lawley J, Tarumi T, Cornwell CL, Aaronson K. Stroke Incidence and Impact of Continuous-Flow Left Ventricular Assist Devices on

Cerebrovascular Physiology. Stroke. 2019 Feb;50(2):542-548. doi: 10.1161/STROKEAHA.118.022967. PubMed PMID: 30602359; PubMed Central PMCID: PMC6349491.

66: Tsuji H, Ayako S, Takayashiki N, Irie T, Itoi S, Kodama T, Kaji Y, Matsuoka R, Mashiko R, Shibata Y, Ishii A, Siato Y, Tamaoka A. Meningeal carcinomatosis presenting with leukoencephalopathy-like imaging findings. eNeurologicalSci. 2018 Nov 19;14:21-23. doi: 10.1016/j.ensci.2018.11.018. eCollection 2019 Mar. PubMed PMID: 30555947; PubMed Central PMCID: PMC6275227.

67: Harada M, Jiang M, Terai K, Ebinuma H, Hiruta N, Schneider WJ, Sugo N, Nagao T, Bujo H. Levels of circulating soluble LR11, a regulator of smooth muscle cell migration, are highly associated with atherosclerotic plaques in patients with carotid artery stenosis. Clin Chim Acta. 2019 Mar;490:69-76. doi: 10.1016/j.cca.2018.12.005. Epub 2018 Dec 12. PubMed PMID: 30550937.

68: Sugii N, Fujimori H, Sato N, Matsumura A. Regular medications prescribed to elderly neurosurgical inpatients and the impact of hospitalization on potentially inappropriate medications. J Rural Med. 2018 Nov;13(2):97-104. doi: 10.2185/jrm.2964. Epub 2018 Nov 29. PubMed PMID: 30546797; PubMed Central PMCID: PMC6288717.

69: Aiyama H, Yamamoto M, Kawabe T, Watanabe S, Koiso T, Sato Y, Higuchi Y, Ishikawa E, Yamamoto T, Matsumura A, Kasuya H. Clinical significance of conformity index and gradient index in patients undergoing stereotactic radiosurgery for a single metastatic tumor. J Neurosurg. 2018 Dec 1;129(Suppl1):103-110. doi: 10.3171/2018.6.GKS181314. PubMed PMID: 30544326.

70: Yamamoto M, Serizawa T, Higuchi Y, Nagano O, Aiyama H, Koiso T, Watanabe S, Kawabe T, Sato Y, Kasuya H. Prognostic grading system specifically for elderly patients with brain metastases after stereotactic radiosurgery: a 2-institution study. J Neurosurg. 2018 Dec 1;129(Suppl1):95-102. doi: 10.3171/2018.7.GKS181458. PubMed PMID: 30544299.

71: Yamamoto M, Higuchi Y, Serizawa T, Kawabe T, Nagano O, Sato Y, Koiso T, Watanabe S, Aiyama H, Kasuya H. Three-stage Gamma Knife treatment for metastatic brain tumors larger than 10 cm³: a 2-institute study including re-analyses of earlier results using competing risk analysis. J Neurosurg. 2018 Dec 1;129(Suppl1):77-85. doi: 10.3171/2018.7.GKS181392. PubMed PMID: 30544297.

72: Watanabe M, Ohyama A, Ishikawa H, Tanaka A. Three-dimensional bone formation including vascular networks derived from dental pulp stem cells in vitro. Hum Cell. 2019 Apr;32(2):114-124. doi: 10.1007/s13577-018-00228-y. Epub 2018 Dec 6. Erratum in: Hum Cell. 2019 Jul;32(3):401. PubMed PMID: 30523537.

73: Tsurukiri J, Ota T, Jimbo H, Okumura E, Shigeta K, Amano T, Ueda M, Matsumaru Y, Shiokawa Y, Hirano T. Thrombectomy for Stroke at 6-24 hours without Perfusion CT Software for Patient Selection. J Stroke Cerebrovasc Dis. 2019 Mar;28(3):774-781. doi: 10.1016/j.jstrokecerebrovasdis.2018.11.022. Epub 2018 Dec 5. PubMed PMID: 30528603.

74: Yang J, Simonneau C, Kilker R, Oakley L, Byrne MD, Nichtova Z, Stefanescu I, Pardeep-Kumar F, Tripathi S, Londin E, Saugier-Weber P, Willard B, Thakur M, Pickup S, Ishikawa H, Schroten H, Smeyne R, Horowitz A. Murine MPDZ-linked hydrocephalus is caused by hyperpermeability of the choroid plexus. EMBO Mol Med. 2019 Jan;11(1). pii: e9540. doi: 10.15252/emmm.201809540. PubMed PMID: 30518636; PubMed Central PMCID: PMC6328942.

75: Rose R, Häuser S, Stump-Guthier C, Weiss C, Rohde M, Kim KS, Ishikawa H, Schroten H, Schwerk C, Adam R. Virulence factor-dependent basolateral invasion of choroid plexus epithelial cells by pathogenic Escherichia coli in vitro. FEMS Microbiol Lett. 2018 Dec 1;365(24). doi: 10.1093/femsle/fny274. PubMed PMID: 30476042.

- 76: Kawauchi S, Chida K, Moritake T, Matsumaru Y, Hamada Y, Sakuma H, Yoda S, Sun L, Sato M, Tsuruta W. ESTIMATION OF PATIENT LENS DOSE ASSOCIATED WITH C-ARM CONE-BEAM COMPUTED TOMOGRAPHY USAGE DURING INTERVENTIONAL NEURORADIOLOGY. *Radiat Prot Dosimetry*. 2019 Aug 1;184(2):138-147. doi: 10.1093/rpd/ncy188. PubMed PMID: 30452704.
- 77: Ochiai N, Matsumoto Y, Hara Y, Nishiura Y, Murai S. For how long do denervated muscles in children retain the ability to regenerate?: Restoration of elbow flexion and shoulder function by partial nerve transfer in a child with long-standing poliomyelitis-like paralysis. *J Orthop Sci*. 2019 Mar;24(2):195-199. doi: 10.1016/j.jos.2018.10.014. Epub 2018 Nov 10. Review. PubMed PMID: 30424927.
- 78: Yamamoto M, Aiyama H, Koiso T, Watanabe S, Kawabe T, Sato Y, Higuchi Y, Kasuya H, Barfod BE. Validity of a Recently Proposed Prognostic Grading Index, Brain metastases Velocity, for Patients With Brain metastases Undergoing Multiple Radiosurgical Procedures. *Int J Radiat Oncol Biol Phys*. 2019 Mar 1;103(3):631-637. doi: 10.1016/j.ijrobp.2018.10.036. Epub 2018 Nov 3. PubMed PMID: 30395905.
- 79: Ito Y, Satow T, Matsubara H, Kataoka H, Takahashi JC. Selective Shunt Occlusion of Direct Carotid-Cavernous Fistula with Vascular Ehlers-Danlos Syndrome by Multidevice Technique: A Case Report and Technical Note. *World Neurosurg*. 2019 Feb;122:123-128. doi: 10.1016/j.wneu.2018.10.158. Epub 2018 Nov 2. PubMed PMID: 30391766.
- 80: Ishikawa T, Matsuda M, Sakakura K, Ishikawa E, Akutsu H, Matsumura A. Huge Greater Superficial Petrosal Nerve Schwannoma with Intradural Peritumoral Cyst. *World Neurosurg*. 2019 Feb;122:85-89. doi: 10.1016/j.wneu.2018.10.129. Epub 2018 Nov 1. PubMed PMID: 30391603.
- 81: Ohkoshi S, Hirono H, Nakahara T, Ishikawa H. Dental pulp cell bank as a possible future source of individual hepatocytes. *World J Hepatol*. 2018 Oct 27;10(10):702-707. doi: 10.4254/wjh.v10.i10.702. Review. PubMed PMID: 30386463; PubMed Central PMCID: PMC6206155.
- 82: Maejima S, Abe Y, Yamaguchi S, Musatov S, Ogawa S, Kondo Y, Tsukahara S. VGF in the Medial Preoptic Nucleus Increases Sexual Activity Following Sexual Arousal Induction in Male Rats. *Endocrinology*. 2018 Dec 1;159(12):3993-4005. doi: 10.1210/en.2018-00804. PubMed PMID: 30371765.
- 83: Puentes S, Kadone H, Watanabe H, Ueno T, Yamazaki M, Sankai Y, Marushima A, Suzuki K. Reshaping of Bilateral Gait Coordination in Hemiparetic Stroke Patients After Early Robotic Intervention. *Front Neurosci*. 2018 Oct 9;12:719. doi: 10.3389/fnins.2018.00719. eCollection 2018. PubMed PMID: 30356738; PubMed Central PMCID: PMC6189332.
- 84: Hattori K, Sakata-Yanagimoto M, Kusakabe M, Nanmoku T, Suehara Y, Matsuoka R, Noguchi M, Yokoyama Y, Kato T, Kurita N, Nishikii H, Obara N, Takano S, Ishikawa E, Matsumura A, Muratani M, Hasegawa Y, Chiba S. Genetic evidence implies that primary and relapsed tumors arise from common precursor cells in primary central nervous system lymphoma. *Cancer Sci*. 2019 Jan;110(1):401-407. doi: 10.1111/cas.13848. Epub 2018 Nov 18. PubMed PMID: 30353605; PubMed Central PMCID: PMC6317941.
- 85: Kubota S, Abe T, Kadone H, Shimizu Y, Funayama T, Watanabe H, Marushima A, Koda M, Hada Y, Sankai Y, Yamazaki M. Hybrid assistive limb (HAL) treatment for patients with severe thoracic myelopathy due to ossification of the posterior longitudinal ligament (OPLL) in the postoperative acute/subacute phase: A clinical trial. *J Spinal Cord Med*. 2019 Jul;42(4):517-525. doi: 10.1080/10790268.2018.1525975. Epub 2018 Oct 18. PubMed PMID: 30335588; PubMed Central PMCID: PMC6718179.

- 86: Aiyama H, Yamamoto M, Kawabe T, Watanabe S, Koiso T, Sato Y, Higuchi Y, Ishikawa E, Yamamoto T, Matsumura A, Kasuya H, Barfod BE. Complications after stereotactic radiosurgery for brain metastases: Incidences, correlating factors, treatments and outcomes. *Radiother Oncol*. 2018 Nov;129(2):364-369. doi: 10.1016/j.radonc.2018.08.018. Epub 2018 Oct 4. PubMed PMID: 30293644.
- 87: Aihara Y, Watanabe S, Amano K, Komatsu K, Chiba K, Imanaka K, Hori T, Ohba T, Dairoku H, Okada Y, Kubo O, Kawamata T. Placental alkaline phosphatase levels in cerebrospinal fluid can have a decisive role in the differential diagnosis of intracranial germ cell tumors. *J Neurosurg*. 2018 Sep 28;131(3):687-694. doi: 10.3171/2018.3.JNS172520. PubMed PMID: 30265190.
- 88: Yamada E, Ishikawa E, Watanabe R, Matsumura H, Sakamoto N, Ishii A, Tamaoka A, Hattori K, Obara N, Chiba S, Nakamagoe K, Matsuda M, Tsurubuchi T, Tomidokoro Y, Akutsu H, Zaboronok A, Shibuya M, Takano S, Matsumura A. Random Skin Biopsies Before Brain Biopsy for Intravascular Large B-Cell Lymphoma. *World Neurosurg*. 2019 Jan;121:e364-e369. doi: 10.1016/j.wneu.2018.09.110. Epub 2018 Sep 25. PubMed PMID: 30261371.
- 89: Shibata Y, Ishiyama S, Matsushita A. White matter diffusion abnormalities in migraine and medication overuse headache: A 1.5-T tract-based spatial statistics study. *Clin Neurol Neurosurg*. 2018 Nov;174:167-173. doi: 10.1016/j.clineuro.2018.09.022. Epub 2018 Sep 17. PubMed PMID: 30245435.
- 90: Akahoshi M, Yanaka K, Watanabe D, Nakamura K, Zaboronok A, Ishikawa E, Matsumura A. Atypical chronological changes on neuroimaging in the epidermoid in the frontal lobe with intracystic hemorrhage and tumor growth: Case report. *Radiol Case Rep*. 2018 Sep 13;13(6):1133-1136. doi: 10.1016/j.radcr.2018.07.022. eCollection 2018 Dec. PubMed PMID: 30233744; PubMed Central PMCID: PMC6138860.
- 91: Koizumi S, Ota T, Shigeta K, Amano T, Ueda M, Matsumaru Y, Shiokawa Y, Hirano T. Onset to Reperfusion Time Was Not Important in Mechanical Thrombectomy for Elderly Patients: A Retrospective Multicenter Study in Tama Area, Tokyo. *Cerebrovasc Dis*. 2018;46(1-2):89-96. doi: 10.1159/000492867. Epub 2018 Sep 6. PubMed PMID: 30189424.
- 92: Takahashi H, Watanabe M, Ohyama A, Toyomura J, Tachibana T, Tanaka A, Ishikawa H. Establishment and characterization of human gingival squamous cell carcinoma cell line NOCS-1. *Hum Cell*. 2019 Jan;32(1):75-82. doi: 10.1007/s13577-018-0216-z. Epub 2018 Aug 31. PubMed PMID: 30171458.
- 93: Yamamoto M, Aiyama H, Koiso T, Watanabe S, Kawabe T, Sato Y, Higuchi Y, Barfod BE, Kasuya H. Postsurgical Salvage Radiosurgery for Nonfunctioning pituitary neuroendocrine tumors Touching/Compressing the Optic Chiasm: Median 13-Year Postirradiation Imaging Follow-up Results. *Neurosurgery*. 2019 Oct 1;85(4):476-485. doi: 10.1093/neuros/nyy357. PubMed PMID: 30169702.
- 94: Ota T, Shigeta K, Amano T, Ueda M, Hirano T, Matsumaru Y, Shiokawa Y. Regionwide Retrospective Survey of Acute Mechanical Thrombectomy in Tama, Suburban Tokyo: A Preliminary Report. *J Stroke Cerebrovasc Dis*. 2018 Nov;27(11):3350-3355. doi: 10.1016/j.jstrokecerebrovasdis.2018.07.044. Epub 2018 Aug 25. PubMed PMID: 30154049.
- 95: Masuda Y, Akutsu H, Ishikawa E, Matsuda M, Masumoto T, Hiyama T, Yamamoto T, Kohzuki H, Takano S, Matsumura A. Evaluation of the extent of resection and detection of ischemic lesions with intraoperative MRI in glioma surgery: is intraoperative MRI superior to early postoperative MRI? *J Neurosurg*. 2018 Aug 10;131(1):209-216. doi: 10.3171/2018.3.JNS172516. PubMed PMID: 30095340.
- 96: Takaoka EI, Kurobe M, Okada H, Takai S, Suzuki T, Shimizu N, Kwon J, Nishiyama H, Yoshimura N,

Chermansky CJ. Effect of TRPV4 activation in a rat model of detrusor underactivity induced by bilateral pelvic nerve crush injury. *Neurourol Urodyn*. 2018 Nov;37(8):2527-2534. doi: 10.1002/nau.23790. Epub 2018 Aug 10. PubMed PMID: 30095183.

97: Häuser S, Wegele C, Stump-Guthier C, Borkowski J, Weiss C, Rohde M, Ishikawa H, Schrotten H, Schwerk C, Adam R. Capsule and fimbriae modulate the invasion of *Haemophilus influenzae* in a human blood-cerebrospinal fluid barrier model. *Int J Med Microbiol*. 2018 Oct;308(7):829-839. doi: 10.1016/j.ijmm.2018.07.004. Epub 2018 Jul 17. PubMed PMID: 30049648.

98: Noguchi H, Koda M, Funayama T, Kumagai H, Saito J, Mannoji C, Aramomi M, Abe T, Nagashima K, Miura K, Mataka K, Fuji K, Furuya T, Yamazaki M. Regenos spacers are not suitable for open-door laminoplasty because of serious adverse events caused by their insufficient mechanical strength. *J Clin Neurosci*. 2018 Oct;56:50-55. doi: 10.1016/j.jocn.2018.07.015. Epub 2018 Jul 17. PubMed PMID: 30029957.

99: Yamano A, Yanaka K, Uemura K, Onuma K, Nakamura K, Ishikawa E. Bleb formation in small unruptured intracranial aneurysm as a predictor of early rupture. *J Surg Case Rep*. 2018 May 29;2018(5):rjy117. doi: 10.1093/jscr/rjy117. eCollection 2018 May. PubMed PMID: 29977511; PubMed Central PMCID: PMC6007435.

100: Tan CK, Kadone H, Watanabe H, Marushima A, Yamazaki M, Sankai Y, Suzuki K. Lateral Symmetry of Synergies in Lower Limb Muscles of Acute Post-stroke Patients After Robotic Intervention. *Front Neurosci*. 2018 Apr 25;12:276. doi: 10.3389/fnins.2018.00276. eCollection 2018. PubMed PMID: 29922121; PubMed Central PMCID: PMC5996914.

101: Watanabe N, Ohtani H, Mori S, Iguchi M, Zaboronok A, Sakamoto N, Matsuda M, Ishikawa E, Matsumura A. Primary meningeal myxoid liposarcoma with aggressive behavior after recurrence: case report. *Acta Neurochir (Wien)*. 2018 Aug;160(8):1557-1561. doi: 10.1007/s00701-018-3598-5. Epub 2018 Jun 19. PubMed PMID: 29915889.

102: Shubhra QTH, Oyane A, Nakamura M, Puentes S, Marushima A, Tsurushima H. Preliminary in vivo magnetofection data using magnetic calcium phosphate nanoparticles immobilizing DNA and iron oxide nanocrystals. *Data Brief*. 2018 Apr 23;18:1696-1701. doi: 10.1016/j.dib.2018.04.058. eCollection 2018 Jun. PubMed PMID: 29904669; PubMed Central PMCID: PMC5997972.

103: Zhu D, Osuka S, Zhang Z, Reichert ZR, Yang L, Kanemura Y, Jiang Y, You S, Zhang H, Devi NS, Bhattacharya D, Takano S, Gillespie GY, Macdonald T, Tan C, Nishikawa R, Nelson WG, Olson JJ, Van Meir EG. BAI1 Suppresses Medulloblastoma Formation by Protecting p53 from Mdm2-Mediated Degradation. *Cancer Cell*. 2018 Jun 11;33(6):1004-1016.e5. doi: 10.1016/j.ccell.2018.05.006. PubMed PMID: 29894688; PubMed Central PMCID: PMC6002773.

104: Kubota S, Kadone H, Shimizu Y, Hara Y, Kubo T, Watanabe H, Hada Y, Ochiai N, Sankai Y, Yamazaki M. Robotic rehabilitation training with a newly developed upper limb single-joint Hybrid Assistive Limb (HAL-SJ) for elbow flexor reconstruction after brachial plexus injury: A report of two cases. *J Orthop Surg (Hong Kong)*. 2018 May-Aug;26(2):2309499018777887. doi: 10.1177/2309499018777887. PubMed PMID: 29874971.

105: Sano K, Morimoto C, Nataka M, Musatov S, Tsuda MC, Yamaguchi N, Sakamoto T, Ogawa S. The Role of Estrogen Receptor β in the Dorsal Raphe Nucleus on the Expression of Female Sexual Behavior in C57BL/6J Mice. *Front Endocrinol (Lausanne)*. 2018 May 16;9:243. doi: 10.3389/fendo.2018.00243. eCollection 2018. PubMed PMID: 29867774; PubMed Central PMCID: PMC5964126.

- 106: Jinno S, Tachibana H, Moriya S, Mizuno N, Takahashi R, Kamima T, Ishibashi S, Sato M. A multi-institutional study of independent calculation verification in inhomogeneous media using a simple and effective method of heterogeneity correction integrated with the Clarkson method. *J Radiat Res.* 2018 Jul 1;59(4):490-500. doi: 10.1093/jrr/rry039. PubMed PMID: 29790997; PubMed Central PMCID: PMC6054244.
- 107: Miki S, Imamichi S, Fujimori H, Tomiyama A, Fujimoto K, Satomi K, Matsushita Y, Matsuzaki S, Takahashi M, Ishikawa E, Yamamoto T, Matsumura A, Mukasa A, Nishikawa R, Masutomi K, Narita Y, Masutani M, Ichimura K. Concomitant administration of radiation with eribulin improves the survival of mice harboring intracerebral glioblastoma. *Cancer Sci.* 2018 Jul;109(7):2275-2285. doi: 10.1111/cas.13637. Epub 2018 Jun 19. PubMed PMID: 29758120; PubMed Central PMCID: PMC6029838.
- 108: Fukumitsu N, Yeh SH, Flores li LG, Mukhopadhyay U, Young D, Ogawa K, Jeong HJ, Tong W, Gelovani JG. In Vivo 6-[(18)F]Fluoroacetamido-1-hexanoicanilide PET Imaging of Altered Histone Deacetylase Activity in Chemotherapy-Induced Neurotoxicity. *Contrast Media Mol Imaging.* 2018 Mar 20;2018:3612027. doi: 10.1155/2018/3612027. eCollection 2018. PubMed PMID: 29755299; PubMed Central PMCID: PMC5884410.
- 109: Iwamoto H, Nakamura K, Watanabe D, Yanaka K, Ainoya T, Yamamoto T. Nontraumatic Acetabular Fracture Sustained during Convulsive Seizure Following Surgery for an Unruptured Intracranial Aneurysm: A Case Report. *NMC Case Rep J.* 2018 Mar 9;5(2):57-60. doi: 10.2176/nmccrj.cr.2017-0143. eCollection 2018 Apr. PubMed PMID: 29725569; PubMed Central PMCID: PMC5930241.
- 110: Kohzuki H, Matsuda M, Miki S, Shibuya M, Ishikawa E, Matsumura A. Diffusely Infiltrating Cerebellar Anaplastic Astrocytoma Effectively Controlled with Bevacizumab: Case Report and Literature Review. *World Neurosurg.* 2018 Jul;115:181-185. doi: 10.1016/j.wneu.2018.04.110. Epub 2018 Apr 26. Review. PubMed PMID: 29704688.
- 111: Yoshimura S, Sakai N, Uchida K, Yamagami H, Ezura M, Okada Y, Kitagawa K, Kimura K, Sasaki M, Tanahashi N, Toyoda K, Furui E, Matsumaru Y, Minematsu K, Morimoto T. Endovascular Therapy in Ischemic Stroke With Acute Large-Vessel Occlusion: Recovery by Endovascular Salvage for Cerebral Ultra-Acute Embolism Japan Registry 2. *J Am Heart Assoc.* 2018 Apr 25;7(9). pii: e008796. doi: 10.1161/JAHA.118.008796. PubMed PMID: 29695384; PubMed Central PMCID: PMC6015290.
- 112: Yang SR, Hu ZZ, Luo YJ, Zhao YN, Sun HX, Yin D, Wang CY, Yan YD, Wang DR, Yuan XS, Ye CB, Guo W, Qu WM, Cherasse Y, Lazarus M, Ding YQ, Huang ZL. The rostromedial tegmental nucleus is essential for non-rapid eye movement sleep. *PLoS Biol.* 2018 Apr 13;16(4):e2002909. doi: 10.1371/journal.pbio.2002909. eCollection 2018 Apr. PubMed PMID: 29652889; PubMed Central PMCID: PMC5919677.
- 113: Yoshida S, Noma T, Miyoshi K, Tsukihara H, Orimoto N, Hakozaiki A, Sasaki E. Therapeutic effect of TAC-302, a cyclohexenoic fatty alcohol derivative, on bladder denervation-related storage and voiding dysfunctions in rats. *Neurourol Urodyn.* 2018 Sep;37(7):2106-2113. doi: 10.1002/nau.23571. Epub 2018 Apr 10. PubMed PMID: 29635706.
- 114: Taketomi M, Shimizu Y, Kadone H, Kubota S, Abe T, Marushima A, Ueno T, Endo A, Kawamoto H, Matsumura A, Sankai Y, Hada Y, Yamazaki M. Hybrid Assistive Limb Intervention in a Patient with Late Neurological Deterioration after Thoracic Myelopathy Surgery due to Ossification of the Ligamentum Flavum. *Case Rep Orthop.* 2018 Feb 8;2018:6171760. doi: 10.1155/2018/6171760. eCollection 2018. PubMed PMID: 29593925; PubMed Central PMCID: PMC5822893.

- 115: Chou W, Liu YF, Lin CH, Lin MT, Chen CC, Liu WP, Chang CP, Chio CC. Exercise Rehabilitation Attenuates Cognitive Deficits in Rats with Traumatic Brain Injury by Stimulating the Cerebral HSP20/BDNF/TrkB Signalling Axis. *Mol Neurobiol*. 2018 Nov;55(11):8602-8611. doi: 10.1007/s12035-018-1011-2. Epub 2018 Mar 25. PubMed PMID: 29574629.
- 116: Ishiyama S, Shibata Y, Ayuzawa S, Matsushita A, Matsumura A. Clinical Effect of C2 Peripheral Nerve Field Stimulation Using Electroacupuncture for Primary Headache. *Neuromodulation*. 2018 Dec;21(8):793-796. doi: 10.1111/ner.12772. Epub 2018 Mar 22. PubMed PMID: 29566284.
- 117: Wakabayashi T, Natsume A, Mizusawa J, Katayama H, Fukuda H, Sumi M, Nishikawa R, Narita Y, Muragaki Y, Maruyama T, Ito T, Beppu T, Nakamura H, Kayama T, Sato S, Nagane M, Mishima K, Nakasu Y, Kurisu K, Yamasaki F, Sugiyama K, Onishi T, Iwadate Y, Terasaki M, Kobayashi H, Matsumura A, Ishikawa E, Sasaki H, Mukasa A, Matsuo T, Hirano H, Kumabe T, Shinoura N, Hashimoto N, Aoki T, Asai A, Abe T, Yoshino A, Arakawa Y, Asano K, Yoshimoto K, Shibui S; Members of Japan Clinical Oncology Group Brain Tumor Study Group (JCOG-BTSG). JCOG0911 INTEGRA study: a randomized screening phase II trial of interferon β plus temozolomide in comparison with temozolomide alone for newly diagnosed glioblastoma. *J Neurooncol*. 2018 Jul;138(3):627-636. doi: 10.1007/s11060-018-2831-7. Epub 2018 Mar 20. PubMed PMID: 29557060; PubMed Central PMCID: PMC5999164.
- 118: Puentes S, Kadone H, Kubota S, Abe T, Shimizu Y, Marushima A, Sankai Y, Yamazaki M, Suzuki K. Reshaping of Gait Coordination by Robotic Intervention in Myelopathy Patients After Surgery. *Front Neurosci*. 2018 Mar 2;12:99. doi: 10.3389/fnins.2018.00099. eCollection 2018. PubMed PMID: 29551960; PubMed Central PMCID: PMC5840280.
- 119: Tsuruta W, Yamamoto T, Ikeda G, Sato M, Ito Y, Takigawa T, Marushima A, Nakai Y, Matsumaru Y, Matsumura A. Spinal Cord Infarction in the Region of the Posterior Spinal Artery After Embolization for Vertebral Artery Dissection. *Oper Neurosurg (Hagerstown)*. 2018 Dec 1;15(6):701-710. doi: 10.1093/ons/opy026. PubMed PMID: 29538687.
- 120: Matsuda W, Sonomura T, Honma S, Ohno S, Goto T, Hirai S, Itoh M, Honda Y, Fujieda H, Udagawa J, Takano S, Fujiyama F, Ueda S. Anatomical variations of the torcular Herophili: macroscopic study and clinical aspects. *Anat Sci Int*. 2018 Sep;93(4):464-468. doi: 10.1007/s12565-018-0436-z. Epub 2018 Mar 12. PubMed PMID: 29532422.
- 121: Sakai N, Ota S, Matsumoto Y, Kondo R, Satow T, Kubo M, Tsumoto T, Enomoto Y, Kataoka T, Imamura H, Todo K, Hayakawa M, Yamagami H, Toyoda K, Ito Y, Sugiu K, Matsumaru Y, Yoshimura S; RIVER JAPAN Investigators. Efficacy and Safety of REVIVE SE Thrombectomy Device for Acute Ischemic Stroke: River JAPAN (Reperfuse Ischemic Vessels with Endovascular Recanalization Device in Japan). *Neurol Med Chir (Tokyo)*. 2018 Apr 15;58(4):164-172. doi: 10.2176/nmc.0a.2017-0145. Epub 2018 Mar 9. PubMed PMID: 29526881; PubMed Central PMCID: PMC5929914.
- 122: Matsuda M, Ishikawa E, Yamamoto T, Hatano K, Joraku A, Iizumi Y, Masuda Y, Nishiyama H, Matsumura A. Potential use of prostate specific membrane antigen (PSMA) for detecting the tumor neovasculature of brain tumors by PET imaging with (89)Zr-Df-IAB2M anti-PSMA minibody. *J Neurooncol*. 2018 Jul;138(3):581-589. doi: 10.1007/s11060-018-2825-5. Epub 2018 Mar 9. PubMed PMID: 29524126.
- 123: Koda M, Furuya T, Saito J, Ijima Y, Kitamura M, Ohtori S, Orita S, Inage K, Abe T, Noguchi H, Funayama T, Kumagai H, Miura K, Nagashima K, Yamazaki M. Postoperative K-line conversion from negative to positive is independently associated with a better surgical outcome after posterior decompression with instrumented fusion for K-line negative cervical ossification of the posterior

ligament. *Eur Spine J*. 2018 Jun;27(6):1393-1400. doi: 10.1007/s00586-018-5505-4. Epub 2018 Feb 14. PubMed PMID: 29445949.

124: Zelenetskii AN, Uspenskii S, Zaboronok A, Cherkaev G, Shchegolihin A, Mathis BJ, Selyanin M, Yamamoto T, Matsumura A. Polycomplexes of Hyaluronic Acid and Borates in a Solid State and Solution: Synthesis, Characterization and Perspectives of Application in Boron Neutron Capture Therapy. *Polymers (Basel)*. 2018 Feb 13;10(2). pii: E181. doi: 10.3390/polym10020181. PubMed PMID: 30966217; PubMed Central PMCID: PMC6415177.

125: Okune S, Ishii K, Ouchi S, Sakakura K, Matsuda M, Tamaoka A. A cerebral phenotype of chronic lymphocytic inflammation with pontine perivascular enhancement responsive to steroids: A case report and review of the literature. *Mult Scler Relat Disord*. 2018 Feb;20:159-163. doi: 10.1016/j.msard.2018.01.017. Epub 2018 Jan 31. Review. PubMed PMID: 29414291.

126: Kubota S, Abe T, Koda M, Kadone H, Shimizu Y, Mataka Y, Noguchi H, Fujii K, Marushima A, Funayama T, Kawamoto H, Hada Y, Sankai Y, Yamazaki M. Application of a newly developed upper limb single-joint hybrid assistive limb for postoperative C5 paralysis: An initial case report indicating its safety and feasibility. *J Clin Neurosci*. 2018 Apr;50:268-271. doi: 10.1016/j.jocn.2018.01.038. PubMed PMID: 29402566.

127: Kanno H, Xu Y, Miyakawa T, Kubo A, Higashida T, Kobayashi NB, Yoshida T, Tanokura M. BC-Box Motif-Mediated Neuronal Differentiation of Somatic Stem Cells. *Int J Mol Sci*. 2018 Feb 5;19(2). pii: E466. doi: 10.3390/ijms19020466. PubMed PMID: 29401731; PubMed Central PMCID: PMC5855688.

128: Matsuda M, Kohzuki H, Ishikawa E, Yamamoto T, Akutsu H, Takano S, Mizumoto M, Tsuboi K, Matsumura A. Prognostic analysis of patients who underwent gross total resection of newly diagnosed glioblastoma. *J Clin Neurosci*. 2018 Apr;50:172-176. doi: 10.1016/j.jocn.2018.01.009. Epub 2018 Feb 1. PubMed PMID: 29396060.

129: Shimizu Y, Kadone H, Kubota S, Suzuki K, Saotome K, Ueno T, Abe T, Marushima A, Watanabe H, Endo A, Tsurumi K, Ishimoto R, Matsushita A, Koda M, Matsumura A, Sankai Y, Hada Y, Yamazaki M. Voluntary ambulation using voluntary upper limb muscle activity and Hybrid Assistive Limb® (HAL®) in a patient with complete paraplegia due to chronic spinal cord injury: A case report. *J Spinal Cord Med*. 2019 Jul;42(4):460-468. doi: 10.1080/10790268.2017.1423267. Epub 2018 Jan 19. PubMed PMID: 29351051; PubMed Central PMCID: PMC6718935.

130: Sato E, Zaboronok A, Yamamoto T, Nakai K, Taskaev S, Volkova O, Mechetina L, Taranin A, Kanygin V, Isobe T, Mathis BJ, Matsumura A. Radiobiological response of U251MG, CHO-K1 and V79 cell lines to accelerator-based boron neutron capture therapy. *J Radiat Res*. 2018 Mar 1;59(2):101-107. doi: 10.1093/jrr/rrx071. PubMed PMID: 29281044; PubMed Central PMCID: PMC5950924.

131: Takano S, Hattori K, Ishikawa E, Narita Y, Iwadate Y, Yamaguchi F, Nagane M, Akimoto J, Oka H, Tanaka S, Sakata M, Matsuda M, Yamamoto T, Chiba S, Matsumura A. MyD88 Mutation in Elderly Predicts Poor Prognosis in Primary Central Nervous System Lymphoma: Multi-Institutional Analysis. *World Neurosurg*. 2018 Apr;112:e69-e73. doi: 10.1016/j.wneu.2017.12.028. Epub 2017 Dec 16. PubMed PMID: 29258950.

132: Zapka P, Dörner E, Dreschmann V, Sakamoto N, Kristiansen G, Calaminus G, Vokuhl C, Leuschner I, Pietsch T. Type, Frequency, and Spatial Distribution of Immune Cell Infiltrates in CNS Germinomas: Evidence for Inflammatory and Immunosuppressive Mechanisms. *J Neuropathol Exp Neurol*. 2018 Feb 1;77(2):119-127. doi: 10.1093/jnen/nlx106. PubMed PMID: 29237087.

- 133: Miyoshi T, Kashiwabara T, Asahi A, Kataoka T, Maruyama T, Okada R, Uemae Y, Ohno T. Complete remission of chemo-refractory multiple-metastatic upper tract urothelial carcinoma by autologous formalin-fixed tumor vaccine. *Clin Case Rep*. 2017 Sep 15;5(11):1780-1784. doi: 10.1002/ccr3.1179. eCollection 2017 Nov. PubMed PMID: 29152270; PubMed Central PMCID: PMC5676256.
- 134: Hattori K, Sakata-Yanagimoto M, Suehara Y, Yokoyama Y, Kato T, Kurita N, Nishikii H, Obara N, Takano S, Ishikawa E, Matsumura A, Hasegawa Y, Chiba S. Clinical significance of disease-specific MYD88 mutations in circulating DNA in primary central nervous system lymphoma. *Cancer Sci*. 2018 Jan;109(1):225-230. doi: 10.1111/cas.13450. Epub 2017 Dec 23. PubMed PMID: 29151258; PubMed Central PMCID: PMC5765295.
- 135: Kiyosue H, Matsumaru Y, Niimi Y, Takai K, Ishiguro T, Hiramatsu M, Tatebayashi K, Takagi T, Yoshimura S; JSNET Spinal AV Shunts Study Group. Angiographic and Clinical Characteristics of Thoracolumbar Spinal Epidural and Dural Arteriovenous Fistulas. *Stroke*. 2017 Dec;48(12):3215-3222. doi: 10.1161/STROKEAHA.117.019131. Epub 2017 Nov 7. PubMed PMID: 29114089; PubMed Central PMCID: PMC5704665.
- 136: Kimura A, Takeshita K, Inoue H, Seichi A, Kawasaki Y, Yoshii T, Inose H, Furuya T, Takeuchi K, Matsunaga S, Seki S, Tsushima M, Imagama S, Koda M, Yamazaki M, Mori K, Nishimura H, Endo K, Yamada K, Sato K, Okawa A. The 25-question Geriatric Locomotive Function Scale predicts the risk of recurrent falls in postoperative patients with cervical myelopathy. *J Orthop Sci*. 2018 Jan;23(1):185-189. doi: 10.1016/j.jos.2017.10.006. Epub 2017 Oct 31. PubMed PMID: 29100824.
- 137: Aoki K, Nakamura H, Suzuki H, Matsuo K, Kataoka K, Shimamura T, Motomura K, Ohka F, Shiina S, Yamamoto T, Nagata Y, Yoshizato T, Mizoguchi M, Abe T, Momii Y, Muragaki Y, Watanabe R, Ito I, Sanada M, Yajima H, Morita N, Takeuchi I, Miyano S, Wakabayashi T, Ogawa S, Natsume A. Prognostic relevance of genetic alterations in diffuse lower-grade gliomas. *Neuro Oncol*. 2018 Jan 10;20(1):66-77. doi: 10.1093/neuonc/nox132. PubMed PMID: 29016839; PubMed Central PMCID: PMC5761527.
- 138: Watanabe H, Marushima A, Kawamoto H, Kadone H, Ueno T, Shimizu Y, Endo A, Hada Y, Saotome K, Abe T, Yamazaki M, Sankai Y, Ishikawa E, Matsumura A. Intensive Gait Treatment Using a Robot Suit Hybrid Assistive Limb in Acute Spinal Cord Infarction: Report of Two Cases. *J Spinal Cord Med*. 2019 May;42(3):395-401. doi: 10.1080/10790268.2017.1372059. Epub 2017 Oct 9. PubMed PMID: 28990874; PubMed Central PMCID: PMC6522957.
- 139: Hara T, Akutsu H, Yamamoto T, Tanaka S, Yasuda M, Takano S, Kino H, Miyamoto H, Matsumura A. Combined Endoscopic Endonasal and Transoral Surgery for a Chordoma in the Whole Clivus With Marked Caudal Extension. *Oper Neurosurg (Hagerstown)*. 2018 Apr 1;14(4):463-464. doi: 10.1093/ons/oxp168. PubMed PMID: 28961728.
- 140: Miyachi S, Izumi T, Satow T, Srivatanakul K, Matsumoto Y, Terada T, Matsumaru Y, Kiyosue H; J-REAL study investigators. Effectiveness of Preradiosurgical Embolization with NBCA for Arteriovenous Malformations - Retrospective Outcome Analysis in a Japanese Registry of 73 Patients (J-REAL study). *Neurointervention*. 2017 Sep;12(2):100-109. doi: 10.5469/neuroint.2017.12.2.100. Epub 2017 Sep 5. PubMed PMID: 28955512; PubMed Central PMCID: PMC5613041.
- 141: Sawada Y, Izumida Y, Takeuchi Y, Aita Y, Wada N, Li E, Murayama Y, Piao X, Shikama A, Masuda Y, Nishi-Tatsumi M, Kubota M, Sekiya M, Matsuzaka T, Nakagawa Y, Sugano Y, Iwasaki H, Kobayashi K, Yatoh S, Suzuki H, Yagyu H, Kawakami Y, Kadowaki T, Shimano H, Yahagi N. Effect of sodium-glucose cotransporter 2 (SGLT2) inhibition on weight loss is partly mediated by liver-brain-adipose neurocircuitry. *Biochem Biophys Res Commun*. 2017 Nov 4;493(1):40-45. doi:

10.1016/j.bbrc.2017.09.081. Epub 2017 Sep 18. PubMed PMID: 28928093.

142: Matsuda M, Akutsu H, Tanaka S, Matsumura A. Combined simultaneous transcranial and endoscopic endonasal resection of sphenoorbital meningioma extending into the sphenoid sinus, pterygopalatine fossa, and infratemporal fossa. *Surg Neurol Int.* 2017 Aug 10;8:185. doi: 10.4103/sni.sni_86_17. eCollection 2017. PubMed PMID: 28868197; PubMed Central PMCID: PMC5569397.

143: Sugii N, Matsuda M, Sekine T, Matsumura H, Yamamoto T, Matsumura A. Delayed Brain Edema and Swelling following Craniectomy for Evacuation of an Epidural Abscess that Improved by Cranioplasty: Case Report. *J Neurol Surg Rep.* 2017 Jul;78(3):e109-e112. doi: 10.1055/s-0037-1606315. Epub 2017 Aug 28. PubMed PMID: 28852606; PubMed Central PMCID: PMC5573553.

144: Yoshida S, Orimoto N, Tsukihara H, Noma T, Hakozaki A, Sasaki E. TAC-302 promotes neurite outgrowth of isolated peripheral neurons and prevents bladder denervation related bladder dysfunctions following bladder outlet obstruction in rats. *Neurourol Urodyn.* 2018 Feb;37(2):681-689. doi: 10.1002/nau.23375. Epub 2017 Jul 26. PubMed PMID: 28745805.

145: Saida H, Ishikawa E, Sakamoto N, Hara T, Terakado T, Masumoto T, Akutsu H, Shibuya M, Yamamoto T, Takano S, Matsumura A. Intradiploic Arachnoid Cyst with Meningothelial Hyperplasia: A Case Report. *NMC Case Rep J.* 2016 Dec 5;4(1):19-22. doi: 10.2176/nmccrj.cr.2016-0147. eCollection 2017 Jan. PubMed PMID: 28664020; PubMed Central PMCID: PMC5364902.

146: Hosoo H, Marushima A, Nagasaki Y, Hirayama A, Ito H, Puentes S, Mujagic A, Tsurushima H, Tsuruta W, Suzuki K, Matsui H, Matsumaru Y, Yamamoto T, Matsumura A. Neurovascular Unit Protection From Cerebral Ischemia-Reperfusion Injury by Radical-Containing Nanoparticles in Mice. *Stroke.* 2017 Aug;48(8):2238-2247. doi: 10.1161/STROKEAHA.116.016356. Epub 2017 Jun 27. PubMed PMID: 28655813.

147: Ito Y, Yamamoto T, Ikeda G, Tsuruta W, Uemura K, Komatsu Y, Matsumura A. Early retreatment after surgical clipping of ruptured intracranial aneurysms. *Acta Neurochir (Wien).* 2017 Sep;159(9):1627-1632. doi: 10.1007/s00701-017-3245-6. Epub 2017 Jun 23. PubMed PMID: 28646464.

148: Tsurubuchi T, Zaboronok A, Yamamoto T, Nakai K, Yoshida F, Shirakawa M, Matsuda M, Matsumura A. Corrigendum to "The optimization of fluorescence imaging of brain tumor tissue differentiated from brain edema-in vivo kinetic study of 5-aminolevulinic acid and talaporfin sodium" [Photodiagn. Photodyn. Ther. 6 (2009), 19-27]. *Photodiagnosis Photodyn Ther.* 2017 Jun;18:351. doi: 10.1016/j.pdpdt.2016.12.008. Epub 2017 Feb 4. PubMed PMID: 28619661.

149: Hori I, Otomo T, Nakashima M, Miya F, Negishi Y, Shiraishi H, Nonoda Y, Magara S, Tohyama J, Okamoto N, Kumagai T, Shimoda K, Yukitake Y, Kajikawa D, Morio T, Hattori A, Nakagawa M, Ando N, Nishino I, Kato M, Tsunoda T, Saitsu H, Kanemura Y, Yamasaki M, Kosaki K, Matsumoto N, Yoshimori T, Saitoh S. Defects in autophagosome-lysosome fusion underlie Vici syndrome, a neurodevelopmental disorder with multisystem involvement. *Sci Rep.* 2017 Jun 14;7(1):3552. doi: 10.1038/s41598-017-02840-8. PubMed PMID: 28615637; PubMed Central PMCID: PMC5471274.

150: Shimizu Y, Nakai K, Kadone H, Yamauchi S, Kubota S, Ueno T, Marushima A, Hiruta K, Endo A, Kawamoto H, Matsumura A, Sankai Y, Hada Y, Yamazaki M. The Hybrid Assistive Limb® intervention for a postoperative patient with spinal dural arteriovenous fistula and chronic spinal cord injury: A case study. *J Spinal Cord Med.* 2018 Nov;41(6):710-717. doi: 10.1080/10790268.2017.1329916. Epub 2017 May 29. PubMed PMID: 28552031; PubMed Central PMCID: PMC6217463.

- 151: Fukushima H, Fukushima T, Suzuki R, Iwabuchi A, Hidaka K, Shinkai T, Masumoto K, Muroi A, Yamamoto T, Nakao T, Oshiro Y, Mizumoto M, Sakurai H, Sumazaki R. Comorbidity and quality of life in childhood cancer survivors treated with proton beam therapy. *Pediatr Int*. 2017 Oct;59(10):1039-1045. doi: 10.1111/ped.13323. PubMed PMID: 28503890.
- 152: Matsumaru Y, Ishikawa E, Yamamoto T, Matsumura A. Recent Trends in Neuro-endovascular Treatment for Acute Ischemic Stroke, Cerebral Aneurysms, Carotid Stenosis, and Brain Arteriovenous Malformations. *Neurol Med Chir (Tokyo)*. 2017 Jun 15;57(6):253-260. doi: 10.2176/nmc.ra.2017-0027. Epub 2017 May 1. Review. PubMed PMID: 28458385; PubMed Central PMCID: PMC5495956.
- 153: Miyazaki T, Ishikawa E, Matsuda M, Akutsu H, Osuka S, Sakamoto N, Takano S, Yamamoto T, Tsuboi K, Matsumura A. Assessment of PD-1 positive cells on initial and secondary resected tumor specimens of newly diagnosed glioblastoma and its implications on patient outcome. *J Neurooncol*. 2017 Jun;133(2):277-285. doi: 10.1007/s11060-017-2451-7. Epub 2017 Apr 26. PubMed PMID: 28447277.
- 154: Kubota S, Abe T, Kadone H, Fujii K, Shimizu Y, Marushima A, Ueno T, Kawamoto H, Hada Y, Matsumura A, Sankai Y, Yamazaki M. Walking ability following hybrid assistive limb treatment for a patient with chronic myelopathy after surgery for cervical ossification of the posterior longitudinal ligament. *J Spinal Cord Med*. 2019 Jan;42(1):128-136. doi: 10.1080/10790268.2017.1313932. Epub 2017 Apr 20. PubMed PMID: 28424026; PubMed Central PMCID: PMC6340273.
- 155: Yamamoto R, Aoki T, Koseki H, Fukuda M, Hirose J, Tsuji K, Takizawa K, Nakamura S, Miyata H, Hamakawa N, Kasuya H, Nozaki K, Hirayama Y, Aramori I, Narumiya S. A sphingosine-1-phosphate receptor type 1 agonist, ASP4058, suppresses intracranial aneurysm through promoting endothelial integrity and blocking macrophage transmigration. *Br J Pharmacol*. 2017 Jul;174(13):2085-2101. doi: 10.1111/bph.13820. Epub 2017 May 27. PubMed PMID: 28409823; PubMed Central PMCID: PMC5466536.
- 156: Shimizu Y, Kadone H, Kubota S, Ikumi A, Abe T, Marushima A, Ueno T, Endo A, Kawamoto H, Saotome K, Matsushita A, Matsumura A, Sankai Y, Hada Y, Yamazaki M. Active elbow flexion is possible in C4 quadriplegia using hybrid assistive limb (HAL®) technology: A case study. *J Spinal Cord Med*. 2017 Jul;40(4):456-462. doi: 10.1080/10790268.2017.1305036. Epub 2017 Mar 29. PubMed PMID: 28355990; PubMed Central PMCID: PMC5537963.
- 157: Hara Y, Nishiura Y, Ochiai N, Murai S, Yamazaki M. The relationship between preoperative needle electromyography findings and muscle power restoration after surgery in severe carpal tunnel syndrome patients. *J Orthop Sci*. 2017 May;22(3):430-433. doi: 10.1016/j.jos.2017.01.015. Epub 2017 Mar 18. PubMed PMID: 28325700.
- 158: Matsuda M, Ishikawa E, Yamamoto T, Akutsu H, Takano S, Matsumura A. Efficacy of bevacizumab therapy in recurrent malignant gliomas in relation to the prior recurrence pattern or tumor location. *J Clin Neurosci*. 2017 Jun;40:115-119. doi: 10.1016/j.jocn.2017.02.025. Epub 2017 Feb 27. PubMed PMID: 28246006.
- 159: Takizawa D, Mizumoto M, Yamamoto T, Oshiro Y, Fukushima H, Fukushima T, Terunuma T, Okumura T, Tsuboi K, Sakurai H. A comparative study of dose distribution of PBT, 3D-CRT and IMRT for pediatric brain tumors. *Radiat Oncol*. 2017 Feb 22;12(1):40. doi: 10.1186/s13014-017-0775-2. PubMed PMID: 28228150; PubMed Central PMCID: PMC5322597.
- 160: Watanabe H, Goto R, Tanaka N, Matsumura A, Yanagi H. Effects of gait training using the Hybrid Assistive Limb® in recovery-phase stroke patients: A 2-month follow-up, randomized, controlled

study. *NeuroRehabilitation*. 2017;40(3):363-367. doi: 10.3233/NRE-161424. PubMed PMID: 28222558.

161: Wang L, Fumoto T, Masumoto S, Shoji T, Miura T, Naraoka M, Matsuda N, Imaizumi T, Ohkuma H. Regression of atherosclerosis with apple procyanidins by activating the ATP-binding cassette subfamily A member 1 in a rabbit model. *Atherosclerosis*. 2017 Mar;258:56-64. doi: 10.1016/j.atherosclerosis.2017.01.032. Epub 2017 Jan 27. PubMed PMID: 28196336.

162: Iwama K, Mizuguchi T, Takanashi JI, Shibayama H, Shichiji M, Ito S, Oguni H, Yamamoto T, Sekine A, Nagamine S, Ikeda Y, Nishida H, Kumada S, Yoshida T, Awaya T, Tanaka R, Chikuchi R, Niwa H, Oka YI, Miyatake S, Nakashima M, Takata A, Miyake N, Ito S, Saitsu H, Matsumoto N. Identification of novel SNORD118 mutations in seven patients with leukoencephalopathy with brain calcifications and cysts. *Clin Genet*. 2017 Aug;92(2):180-187. doi: 10.1111/cge.12991. Epub 2017 Mar 30. PubMed PMID: 28177126.

163: Saita K, Morishita T, Hyakutake K, Fukuda H, Shiota E, Sankai Y, Inoue T. Combined therapy using botulinum toxin A and single-joint hybrid assistive limb for upper-limb disability due to spastic hemiplegia. *J Neurol Sci*. 2017 Feb 15;373:182-187. doi: 10.1016/j.jns.2016.12.056. Epub 2016 Dec 28. PubMed PMID: 28131185.

164: Tateno H, Hiemori K, Hirayasu K, Sougawa N, Fukuda M, Warashina M, Amano M, Funakoshi T, Sadamura Y, Miyagawa S, Saito A, Sawa Y, Shofuda T, Sumida M, Kanemura Y, Nakamura M, Okano H, Onuma Y, Ito Y, Asashima M, Hirabayashi J. Development of a practical sandwich assay to detect human pluripotent stem cells using cell culture media. *Regen Ther*. 2017 Jan 26;6:1-8. doi: 10.1016/j.reth.2016.12.002. eCollection 2017 Jun. PubMed PMID: 30271833; PubMed Central PMCID: PMC6134905.

165: Fukushima S, Yamashita S, Kobayashi H, Takami H, Fukuoka K, Nakamura T, Yamasaki K, Matsushita Y, Nakamura H, Totoki Y, Kato M, Suzuki T, Mishima K, Yanagisawa T, Mukasa A, Saito N, Kanamori M, Kumabe T, Tominaga T, Nagane M, Iuchi T, Yoshimoto K, Mizoguchi M, Tamura K, Sakai K, Sugiyama K, Nakada M, Yokogami K, Takeshima H, Kanemura Y, Matsuda M, Matsumura A, Kurozumi K, Ueki K, Nonaka M, Asai A, Kawahara N, Hirose Y, Takayama T, Nakazato Y, Narita Y, Shibata T, Matsutani M, Ushijima T, Nishikawa R, Ichimura K; Intracranial Germ Cell Tumor Genome Analysis Consortium (The iGCTConsortium). Genome-wide methylation profiles in primary intracranial germ cell tumors indicate a primordial germ cell origin for germinomas. *Acta Neuropathol*. 2017 Mar;133(3):445-462. doi: 10.1007/s00401-017-1673-2. Epub 2017 Jan 11. PubMed PMID: 28078450.

166: Iwatsuki K, Tajima F, Sankai Y, Ohnishi YI, Nakamura T, Ishihara M, Hosomi K, Ninomiya K, Moriwaki T, Yoshimine T. Motor evoked potential and voluntary EMG activity after olfactory mucosal autograft transplantation in a case of chronic, complete spinal cord injury: case report. *Spinal Cord Ser Cases*. 2016 Jan 7;2:15018. doi: 10.1038/scsandc.2015.18. eCollection 2016. Erratum in: *Spinal Cord Ser Cases*. 2016 Jul 21;2:16019. PubMed PMID: 28053727; PubMed Central PMCID: PMC5125064.

167: Kitaoka Y, Takeda K, Tamura Y, Fujimaki S, Takemasa T, Hatta H. Nrf2 deficiency does not affect denervation-induced alterations in mitochondrial fission and fusion proteins in skeletal muscle. *Physiol Rep*. 2016 Dec;4(24). pii: e13064. doi: 10.14814/phy2.13064. PubMed PMID: 28039408; PubMed Central PMCID: PMC5210374.

168: Takano S, Ishikawa E, Matsuda M, Sakamoto N, Akutsu H, Yamamoto T, Matsumura A. The anti-angiogenic role of soluble-form VEGF receptor in malignant gliomas. *Int J Oncol*. 2017 Feb;50(2):515-524. doi: 10.3892/ijo.2016.3810. Epub 2016 Dec 19. PubMed PMID: 28000842.

169: Matsumura H, Fujimori H, Sato N, Matsumura A. Paraplegia caused by cerebral contusions in the

bilateral precentral gyri. *Surg Neurol Int.* 2016 Nov 9;7(Suppl 28):S752-S755. eCollection 2016. PubMed PMID: 27904755; PubMed Central PMCID: PMC5114859.

170: Watanabe S, Yamamoto M, Kawabe T, Koiso T, Yamamoto T, Matsumura A, Kasuya H. Stereotactic radiosurgery for vestibular schwannomas: average 10-year follow-up results focusing on long-term hearing preservation. *J Neurosurg.* 2016 Dec;125(Suppl 1):64-72. PubMed PMID: 27903183.

171: Koiso T, Yamamoto M, Kawabe T, Watanabe S, Sato Y, Higuchi Y, Yamamoto T, Matsumura A, Kasuya H. Follow-up results of brain metastases patients undergoing repeat Gamma Knife radiosurgery. *J Neurosurg.* 2016 Dec;125(Suppl 1):2-10. PubMed PMID: 27903177.

172: Furuse M, Nonoguchi N, Kuroiwa T, Miyamoto S, Arakawa Y, Shinoda J, Miwa K, Iuchi T, Tsuboi K, Houkin K, Terasaka S, Tabei Y, Nakamura H, Nagane M, Sugiyama K, Terasaki M, Abe T, Narita Y, Saito N, Mukasa A, Ogasawara K, Beppu T, Kumabe T, Nariai T, Tsuyuguchi N, Nakatani E, Kurisu S, Nakagawa Y, Miyatake SI. A prospective, multicentre, single-arm clinical trial of bevacizumab for patients with surgically untreatable, symptomatic brain radiation necrosis(†). *Neurooncol Pract.* 2016 Dec;3(4):272-280. Epub 2016 Jan 7. PubMed PMID: 27833757; PubMed Central PMCID: PMC5099992.

173: Ikumi A, Kubota S, Shimizu Y, Kadone H, Marushima A, Ueno T, Kawamoto H, Hada Y, Matsumura A, Sankai Y, Yamazaki M. Decrease of spasticity after hybrid assistive limb(®) training for a patient with C4 quadriplegia due to chronic SCI. *J Spinal Cord Med.* 2017 Sep;40(5):573-578. doi: 10.1080/10790268.2016.1225913. Epub 2016 Oct 20. PubMed PMID: 27762171; PubMed Central PMCID: PMC5815155.

174: Mizumoto M, Yamamoto T, Ishikawa E, Matsuda M, Takano S, Ishikawa H, Okumura T, Sakurai H, Matsumura A, Tsuboi K. Proton beam therapy with concurrent chemotherapy for glioblastoma multiforme: comparison of nimustine hydrochloride and temozolomide. *J Neurooncol.* 2016 Oct;130(1):165-170. Epub 2016 Aug 17. PubMed PMID: 27535747.

175: Saotome K, Matsushita A, Matsumoto K, Kato Y, Nakai K, Murata K, Yamamoto T, Sankai Y, Matsumura A. A brain phantom for motion-corrected PROPELLER showing image contrast and construction similar to those of in vivo MRI. *Magn Reson Imaging.* 2017 Feb;36:32-39. doi: 10.1016/j.mri.2016.10.003. Epub 2016 Oct 11. PubMed PMID: 27742431.

176: Goto K, Morishita T, Kamada S, Saita K, Fukuda H, Shiota E, Sankai Y, Inoue T. Feasibility of rehabilitation using the single-joint hybrid assistive limb to facilitate early recovery following total knee arthroplasty: A pilot study. *Assist Technol.* 2017 Winter;29(4):197-201. doi: 10.1080/10400435.2016.1219883. Epub 2016 Aug 10. PubMed PMID: 27689789.

177: Matsuda M, Yamamoto T, Ishikawa E, Akutsu H, Takano S, Matsumura A. Combination of Palonosetron, Aprepitant, and Dexamethasone Effectively Controls Chemotherapy-induced Nausea and Vomiting in Patients Treated with Concomitant Temozolomide and Radiotherapy: Results of a Prospective Study. *Neurol Med Chir (Tokyo).* 2016 Nov 15;56(11):698-703. Epub 2016 Sep 23. PubMed PMID: 27666343; PubMed Central PMCID: PMC5221780.

178: Watanabe S, Akutsu H, Takano S, Yamamoto T, Ishikawa E, Suzuki H, Matsumura A. Long-term results of cabergoline therapy for macroprolactinomas and analyses of factors associated with remission after withdrawal. *Clin Endocrinol (Oxf).* 2017 Feb;86(2):207-213. doi: 10.1111/cen.13240. Epub 2016 Oct 11. PubMed PMID: 27651307.

179: George J, Saito M, Tsuta K, Iwakawa R, Shiraishi K, Scheel AH, Uchida S, Watanabe SI, Nishikawa R, Noguchi M, Peifer M, Jang SJ, Petersen I, Büttner R, Harris CC, Yokota J, Thomas RK, Kohno T. Genomic Amplification of CD274 (PD-L1) in Small-Cell Lung Cancer. *Clin Cancer Res.* 2017 Mar

1;23(5):1220-1226. doi: 10.1158/1078-0432.CCR-16-1069. Epub 2016 Sep 12. PubMed PMID: 27620277; PubMed Central PMCID: PMC6329376.

180: Koiso T, Yamamoto M, Kawabe T, Watanabe S, Sato Y, Higuchi Y, Yamamoto T, Matsumura A, Kasuya H, Barfod BE. A case-matched study of stereotactic radiosurgery for patients with brain metastases: comparing treatment results for those with versus without neurological symptoms. *J Neurooncol*. 2016 Dec;130(3):581-590. Epub 2016 Sep 3. PubMed PMID: 27591775; PubMed Central PMCID: PMC5118388.

181: Saito J, Maki S, Kamiya K, Furuya T, Inada T, Ota M, Iijima Y, Takahashi K, Yamazaki M, Aramomi M, Mannoji C, Koda M. Outcome of posterior decompression with instrumented fusion surgery for K-line (-) cervical ossification of the longitudinal ligament. *J Clin Neurosci*. 2016 Oct;32:57-60. doi: 10.1016/j.jocn.2015.12.050. PubMed PMID: 27591553.

182: Hirata K, Ihara S, Sato M, Matsumaru Y, Yamamoto T. Hyper-vascular giant cavernous malformation in a child: a case report and review. *Childs Nerv Syst*. 2017 Feb;33(2):375-379. doi: 10.1007/s00381-016-3234-8. Epub 2016 Sep 1. Review. PubMed PMID: 27585994.

183: Matsumura H, Kato N, Fujiwara Y, Hosoo H, Yamazaki T, Yasuda S, Matsumura A. Endovascular treatments for posterior cerebral artery aneurysms and vascular insufficiency of fetal-type circulation after parent artery occlusion. *J Clin Neurosci*. 2016 Oct;32:41-6. doi: 10.1016/j.jocn.2015.12.049. Epub 2016 Aug 11. PubMed PMID: 27523585.

184: Ishikawa M, Yamamoto T, Matsumura A, Hiratsuka J, Miyatake S, Kato I, Sakurai Y, Kumada H, Shrestha SJ, Ono K. Early clinical experience utilizing scintillator with optical fiber (SOF) detector in clinical boron neutron capture therapy: its issues and solutions. *Radiat Oncol*. 2016 Aug 9;11(1):105. doi: 10.1186/s13014-016-0680-0. PubMed PMID: 27506665; PubMed Central PMCID: PMC4977859.

185: Gao Z, Horiguchi Y, Nakai K, Matsumura A, Suzuki M, Ono K, Nagasaki Y. Use of boron cluster-containing redox nanoparticles with ROS scavenging ability in boron neutron capture therapy to achieve high therapeutic efficiency and low adverse effects. *Biomaterials*. 2016 Oct;104:201-12. doi: 10.1016/j.biomaterials.2016.06.046. Epub 2016 Jul 11. PubMed PMID: 27467416.

186: Koda M, Furuya T, Kinoshita T, Miyashita T, Ota M, Maki S, Iijima Y, Saito J, Takahashi K, Yamazaki M, Aramomi M, Mannoji C. Dropped head syndrome after cervical laminoplasty: A case control study. *J Clin Neurosci*. 2016 Oct;32:88-90. doi: 10.1016/j.jocn.2016.03.027. Epub 2016 Jun 20. PubMed PMID: 27335311.

187: Sano K, Nakata M, Musatov S, Morishita M, Sakamoto T, Tsukahara S, Ogawa S. Pubertal activation of estrogen receptor α in the medial amygdala is essential for the full expression of male social behavior in mice. *Proc Natl Acad Sci U S A*. 2016 Jul 5;113(27):7632-7. doi: 10.1073/pnas.1524907113. Epub 2016 Jun 20. PubMed PMID: 27325769; PubMed Central PMCID: PMC4941494.

188: Yamada K, Inomata S, Tanaka M. The Ropivacaine Concentration Required for Ultrasound-Guided Ilioinguinal/Iliohypogastric Nerve Block in Pediatric Patients. *Anesth Analg*. 2016 Jul;123(1):175-8. doi: 10.1213/ANE.0000000000001329. PubMed PMID: 27314694.

189: Matsumura H, Kato N, Yamazaki T, Yamamoto T. Ventriculoperitoneal shunt malfunction secondary to distal catheter entrapment at the right paracolic gutter. *Acta Neurochir (Wien)*. 2016 Aug;158(8):1501-3. doi: 10.1007/s00701-016-2867-4. Epub 2016 Jun 15. PubMed PMID: 27301495.

190: Enomoto Y, Mizutani T, Ueda Y, Yamasaki Y. Enteral nutrient gel causes formation of a huge

gastric bezoar. *Acute Med Surg.* 2016 May 31;4(1):140-141. doi: 10.1002/ams2.223. eCollection 2017 Jan. PubMed PMID: 29123852; PubMed Central PMCID: PMC5667278.

191: Shibata Y, Mashiko R. "True" Accessory Anterior Cerebral Artery: A Newly Reported Anterior Cerebral Arterial Anomaly and a Proposal for Its Classification. *J Stroke Cerebrovasc Dis.* 2016 Aug;25(8):e118-9. doi: 10.1016/j.jstrokecerebrovasdis.2016.04.015. Epub 2016 May 20. PubMed PMID: 27216379.

192: Nakagawa A, Ohtani K, Goda K, Kudo D, Arafune T, Washio T, Tominaga T. Mechanism of Traumatic Brain Injury at Distant Locations After Exposure to Blast Waves: Preliminary Results from Animal and Phantom Experiments. *Acta Neurochir Suppl.* 2016;122:3-7. doi: 10.1007/978-3-319-22533-3_1. PubMed PMID: 27165867.

193: Hattori K, Sakata-Yanagimoto M, Okoshi Y, Goshima Y, Yanagimoto S, Nakamoto-Matsubara R, Sato T, Noguchi M, Takano S, Ishikawa E, Yamamoto T, Matsumura A, Chiba S. MYD88 (L265P) mutation is associated with an unfavourable outcome of primary central nervous system lymphoma. *Br J Haematol.* 2017 May;177(3):492-494. doi: 10.1111/bjh.14080. Epub 2016 May 10. PubMed PMID: 27161435.

194: Kang H, Takahashi Y, Nishimura K, Yasuda M, Akutsu H, Kakizaki H. Improved Vision from Severe Compressive Optic Neuropathy by Apical Cavernous Hemangioma. *Case Rep Ophthalmol.* 2016 Mar 31;7(1):179-83. doi: 10.1159/000445316. eCollection 2016 Jan-Apr. PubMed PMID: 27099610; PubMed Central PMCID: PMC4836141.

195: Hayashi Y, Mizumoto M, Akutsu H, Takano S, Matsumura A, Okumura T, Kawabe T, Zenkoh J, Sakurai H, Tsuboi K. Hyperfractionated high-dose proton beam radiotherapy for clival chordomas after surgical removal. *Br J Radiol.* 2016 Jul;89(1063):20151051. doi: 10.1259/bjr.20151051. Epub 2016 Apr 21. PubMed PMID: 27097665; PubMed Central PMCID: PMC5257313.

196: Takeuchi K, Senda M, Lo YH, Kofuji S, Ikeda Y, Sasaki AT, Senda T. Structural reverse genetics study of the PI5P4K β -nucleotide complexes reveals the presence of the GTP bioenergetic system in mammalian cells. *FEBS J.* 2016 Oct;283(19):3556-3562. doi: 10.1111/febs.13739. Review. PubMed PMID: 27090388; PubMed Central PMCID: PMC5053874.

197: Koda M, Mochizuki M, Konishi H, Aiba A, Kadota R, Inada T, Kamiya K, Ota M, Maki S, Takahashi K, Yamazaki M, Mannoji C, Furuya T. Comparison of clinical outcomes between laminoplasty, posterior decompression with instrumented fusion, and anterior decompression with fusion for K-line (-) cervical ossification of the posterior longitudinal ligament. *Eur Spine J.* 2016 Jul;25(7):2294-301. doi: 10.1007/s00586-016-4555-8. Epub 2016 Apr 13. PubMed PMID: 27072553.

198: Nakata M, Sano K, Musatov S, Yamaguchi N, Sakamoto T, Ogawa S. Effects of Prepubertal or Adult Site-Specific Knockdown of Estrogen Receptor β in the Medial Preoptic Area and Medial Amygdala on Social Behaviors in Male Mice. *eNeuro.* 2016 Mar 31;3(2). pii: ENEURO.0155-15.2016. doi: 10.1523/ENEURO.0155-15.2016. eCollection 2016 Mar-Apr. PubMed PMID: 27066533; PubMed Central PMCID: PMC4819287.

199: Saito A, Mekawy MM, Sumiyoshi A, Riera JJ, Shimizu H, Kawashima R, Tominaga T. Noninvasive targeting delivery and in vivo magnetic resonance tracking method for live apoptotic cells in cerebral ischemia with functional Fe₂O₃ magnetic nanoparticles. *J Nanobiotechnology.* 2016 Mar 11;14:19. doi: 10.1186/s12951-016-0173-1. PubMed PMID: 26969152; PubMed Central PMCID: PMC4788935.

200: Takano S, Ishikawa E, Sakamoto N, Matsuda M, Akutsu H, Noguchi M, Kato Y, Yamamoto T, Matsumura A. Immunohistochemistry on IDH 1/2, ATRX, p53 and Ki-67 substitute molecular genetic

testing and predict patient prognosis in grade III adult diffuse gliomas. *Brain Tumor Pathol.* 2016 Apr;33(2):107-16. doi: 10.1007/s10014-016-0260-x. Epub 2016 Mar 11. PubMed PMID: 26968173.

201: Oyane A, Araki H, Nakamura M, Shimizu Y, Shubhra QTH, Ito A, Tsurushima H. Controlled superficial assembly of DNA-amorphous calcium phosphate nanocomposite spheres for surface-mediated gene delivery. *Colloids Surf B Biointerfaces.* 2016 May 1;141:519-527. doi: 10.1016/j.colsurfb.2016.02.010. Epub 2016 Feb 10. PubMed PMID: 26896659.

202: Fujii K, Abe T, Kubota S, Marushima A, Kawamoto H, Ueno T, Matsushita A, Nakai K, Saotome K, Kadone H, Endo A, Haginoya A, Hada Y, Matsumura A, Sankai Y, Yamazaki M. The voluntary driven exoskeleton Hybrid Assistive Limb (HAL) for postoperative training of thoracic ossification of the posterior longitudinal ligament: a case report. *J Spinal Cord Med.* 2017 May;40(3):361-367. doi: 10.1080/10790268.2016.1142056. Epub 2016 Feb 9. PubMed PMID: 26856189; PubMed Central PMCID: PMC5472024.

203: Matsuda M, Akutsu H, Yamamoto T, Ishikawa E, Matsumura A. Hemifacial Spasm Associated with Contralateral Foramen Magnum Meningioma. *World Neurosurg.* 2016 May;89:729.e11-3. doi: 10.1016/j.wneu.2016.01.039. Epub 2016 Jan 27. PubMed PMID: 26826538.

204: Klionsky DJ, Abdelmohsen K, Abe A, Abedin MJ, Abeliovich H, Acevedo Arozena A, Adachi H, Adams CM, Adams PD, Adeli K, Adihetty PJ, Adler SG, Agam G, Agarwal R, Aghi MK, Agnello M, Agostinis P, Aguilar PV, Aguirre-Ghiso J, Airoidi EM, Ait-Si-Ali S, Akematsu T, Akporiaye ET, Al-Rubeai M, Albaiceta GM, Albanese C, Albani D, Albert ML, Aldudo J, Algül H, Alirezaei M, Alloza I, Almasan A, Almonte-Beceril M, Alnemri ES, Alonso C, Altan-Bonnet N, Altieri DC, Alvarez S, Alvarez-Erviti L, Alves S, Amadoro G, Amano A, Amantini C, Ambrosio S, Amelio I, Amer AO, Amessou M, Amon A, An Z, Anania FA, Andersen SU, Andley UP, Andreadi CK, Andrieu-Abadie N, Anel A, Ann DK, Anoopkumar-Dukie S, Antonioli M, Aoki H, Apostolova N, Aquila S, Aquilano K, Araki K, Arama E, Aranda A, Araya J, Arcaro A, Arias E, Arimoto H, Ariosia AR, Armstrong JL, Arnould T, Arsov I, Asanuma K, Askanas V, Asselin E, Atarashi R, Atherton SS, Atkin JD, Attardi LD, Auburger P, Auburger G, Aurelian L, Autelli R, Avagliano L, Avantiaggiati ML, Avrahami L, Awale S, Azad N, Bachetti T, Backer JM, Bae DH, Bae JS, Bae ON, Bae SH, Baehrecke EH, Baek SH, Baghdiguian S, Bagniewska-Zadworna A, Bai H, Bai J, Bai XY, Bailly Y, Balaji KN, Balduini W, Ballabio A, Balzan R, Banerjee R, Bánhegyi G, Bao H, Barbeau B, Barrachina MD, Barreiro E, Bartel B, Bartolomé A, Bassham DC, Bassi MT, Bast RC Jr, Basu A, Batista MT, Batoko H, Battino M, Bauckman K, Baumgarner BL, Bayer KU, Beale R, Beaulieu JF, Beck GR Jr, Becker C, Beckham JD, Bédard PA, Bednarski PJ, Begley TJ, Behl C, Behrends C, Behrens GM, Behrns KE, Bejarano E, Belaid A, Belleudi F, Bénard G, Berchem G, Bergamaschi D, Bergami M, Berkhout B, Berliocchi L, Bernard A, Bernard M, Bernassola F, Bertolotti A, Bess AS, Besteiro S, Bettuzzi S, Bhalla S, Bhattacharyya S, Bhutia SK, Biagosch C, Bianchi MW, Biard-Piechaczyk M, Billes V, Bincoletto C, Bingol B, Bird SW, Bitoun M, Bjedov I, Blackstone C, Blanc L, Blanco GA, Blomhoff HK, Boada-Romero E, Böckler S, Boes M, Boesze-Battaglia K, Boise LH, Bolino A, Boman A, Bonaldo P, Bordi M, Bosch J, Botana LM, Botti J, Bou G, Bouché M, Bouchecareilh M, Boucher MJ, Boulton ME, Bouret SG, Boya P, Boyer-Guittaut M, Bozhkov PV, Brady N, Braga VM, Brancolini C, Braus GH, Bravo-San Pedro JM, Brennan LA, Bresnick EH, Brest P, Bridges D, Bringer MA, Brini M, Brito GC, Brodin B, Brookes PS, Brown EJ, Brown K, Broxmeyer HE, Bruhat A, Brum PC, Brumell JH, Brunetti-Pierri N, Bryson-Richardson RJ, Buch S, Buchan AM, Budak H, Bulavin DV, Bultman SJ, Bultynck G, Bumbasirevic V, Burelle Y, Burke RE, Burmeister M, Bütikofer P, Caberlotto L, Cadwell K, Cahova M, Cai D, Cai J, Cai Q, Calatayud S, Camougrand N, Campanella M, Campbell GR, Campbell M, Campello S, Candau R, Caniggia I, Cantoni L, Cao L, Caplan AB, Caraglia M, Cardinali C, Cardoso SM, Carew JS, Carleton LA, Carlin CR, Carloni S, Carlsson SR, Carmona-Gutierrez D, Carneiro LA, Carnevali O, Carra S, Carrier A, Carroll B, Casas C, Casas J, Cassinelli G, Castets P, Castro-Obregon S, Cavallini G, Ceccherini I, Cecconi F, Cederbaum AI, Ceña V, Cenci S, Cerella C, Cervia D, Cetrullo S, Chaachouay H, Chae HJ, Chagin AS, Chai CY, Chakrabarti G, Chamilos G, Chan EY, Chan MT, Chandra D, Chandra P, Chang CP, Chang RC,

Chang TY, Chatham JC, Chatterjee S, Chauhan S, Che Y, Cheetham ME, Cheluvappa R, Chen CJ, Chen G, Chen GC, Chen G, Chen H, Chen JW, Chen JK, Chen M, Chen M, Chen P, Chen Q, Chen Q, Chen SD, Chen S, Chen SS, Chen W, Chen WJ, Chen WQ, Chen W, Chen X, Chen YH, Chen YG, Chen Y, Chen Y, Chen Y, Chen YJ, Chen YQ, Chen Y, Chen Z, Chen Z, Cheng A, Cheng CH, Cheng H, Cheong H, Cherry S, Chesney J, Cheung CH, Chevet E, Chi HC, Chi SG, Chiacchiera F, Chiang HL, Chiarelli R, Chiariello M, Chieppa M, Chin LS, Chiong M, Chiu GN, Cho DH, Cho SG, Cho WC, Cho YY, Cho YS, Choi AM, Choi EJ, Choi EK, Choi J, Choi ME, Choi SI, Chou TF, Chouaib S, Choubey D, Choubey V, Chow KC, Chowdhury K, Chu CT, Chuang TH, Chun T, Chung H, Chung T, Chung YL, Chwae YJ, Cianfanelli V, Ciarcia R, Ciechomska IA, Ciriolo MR, Cirone M, Claerhout S, Clague MJ, Clària J, Clarke PG, Clarke R, Clementi E, Cleyrat C, Cnop M, Coccia EM, Cocco T, Codogno P, Coers J, Cohen EE, Colecchia D, Coletto L, Coll NS, Colucci-Guyon E, Comincini S, Condello M, Cook KL, Coombs GH, Cooper CD, Cooper JM, Coppens I, Corasaniti MT, Corazzari M, Corbalan R, Corcelle-Termeau E, Cordero MD, Corral-Ramos C, Corti O, Cossarizza A, Costelli P, Costes S, Cotman SL, Coto-Montes A, Cottet S, Couve E, Covey LR, Cowart LA, Cox JS, Coxon FP, Coyne CB, Cragg MS, Craven RJ, Crepaldi T, Crespo JL, Criollo A, Crippa V, Cruz MT, Cuervo AM, Cuezva JM, Cui T, Cutillas PR, Czaja MJ, Czyzyk-Krzeska MF, Dagda RK, Dahmen U, Dai C, Dai W, Dai Y, Dalby KN, Dalla Valle L, Dalmasso G, D'Amelio M, Damme M, Darfeuille-Michaud A, Dargemont C, Darley-Usmar VM, Dasarathy S, Dasgupta B, Dash S, Dass CR, Davey HM, Davids LM, Dávila D, Davis RJ, Dawson TM, Dawson VL, Daza P, de Belleruche J, de Figueiredo P, de Figueiredo RC, de la Fuente J, De Martino L, De Matteis A, De Meyer GR, De Milito A, De Santi M, de Souza W, De Tata V, De Zio D, Debnath J, Dechant R, Decuypere JP, Deegan S, Dehay B, Del Bello B, Del Re DP, Delage-Mourroux R, Delbridge LM, Deldicque L, Delorme-Axford E, Deng Y, Dengjel J, Denizot M, Dent P, Der CJ, Deretic V, Derrien B, Deutsch E, Devarenne TP, Devenish RJ, Di Bartolomeo S, Di Daniele N, Di Domenico F, Di Nardo A, Di Paola S, Di Pietro A, Di Renzo L, DiAntonio A, Díaz-Araya G, Díaz-Laviada I, Diaz-Meco MT, Diaz-Nido J, Dickey CA, Dickson RC, Diederich M, Digard P, Dikic I, Dinesh-Kumar SP, Ding C, Ding WX, Ding Z, Dini L, Distler JH, Diwan A, Djavaheri-Mergny M, Dmytruk K, Dobson RC, Doetsch V, Dokladny K, Dokudovskaya S, Donadelli M, Dong XC, Dong X, Dong Z, Donohue TM Jr, Doran KS, D'Orazi G, Dorn GW 2nd, Dosenko V, Dridi S, Drucker L, Du J, Du LL, Du L, du Toit A, Dua P, Duan L, Duann P, Dubey VK, Duchon MR, Duchosal MA, Duez H, Dugail I, Dumit VI, Duncan MC, Dunlop EA, Dunn WA Jr, Dupont N, Dupuis L, Durán RV, Durcan TM, Duvezin-Caubet S, Duvvuri U, Eapen V, Ebrahimi-Fakhari D, Echard A, Eckhart L, Edelstein CL, Edinger AL, Eichinger L, Eisenberg T, Eisenberg-Lerner A, Eissa NT, El-Deiry WS, El-Khoury V, Elazar Z, Eldar-Finkelman H, Elliott CJ, Emanuele E, Emmenegger U, Engedal N, Engelbrecht AM, Engelender S, Enserink JM, Erdmann R, Erenpreisa J, Eri R, Eriksen JL, Erman A, Escalante R, Eskelinen EL, Espert L, Esteban-Martínez L, Evans TJ, Fabri M, Fabrias G, Fabrizi C, Facchiano A, Færgeman NJ, Faggioni A, Fairlie WD, Fan C, Fan D, Fan J, Fang S, Fanto M, Fanzani A, Farkas T, Faure M, Favier FB, Fearnhead H, Federici M, Fei E, Felizardo TC, Feng H, Feng Y, Feng Y, Ferguson TA, Fernández ÁF, Fernandez-Barrena MG, Fernandez-Checa JC, Fernández-López A, Fernandez-Zapico ME, Feron O, Ferraro E, Ferreira-Halder CV, Fesus L, Feuer R, Fiesel FC, Filippi-Chiela EC, Filomeni G, Fimia GM, Fingert JH, Finkbeiner S, Finkel T, Fiorito F, Fisher PB, Flajolet M, Flamigni F, Florey O, Florio S, Floto RA, Folini M, Follo C, Fon EA, Fornai F, Fortunato F, Fraldi A, Franco R, Francois A, François A, Frankel LB, Fraser ID, Frey N, Freyssenet DG, Frezza C, Friedman SL, Frigo DE, Fu D, Fuentes JM, Fueyo J, Fujitani Y, Fujiwara Y, Fujiya M, Fukuda M, Fulda S, Fusco C, Gabryel B, Gaestel M, Gailly P, Gajewska M, Galadari S, Galili G, Galindo I, Galindo MF, Galliciotti G, Galluzzi L, Galluzzi L, Galy V, Gammoh N, Gandy S, Ganesan AK, Ganesan S, Ganley IG, Gannagé M, Gao FB, Gao F, Gao JX, García Nannig L, García Vescovi E, Garcia-Macía M, Garcia-Ruiz C, Garg AD, Garg PK, Gargini R, Gassen NC, Gatica D, Gatti E, Gavard J, Gavathiotis E, Ge L, Ge P, Ge S, Gean PW, Gelmetti V, Genazzani AA, Geng J, Genschik P, Gerner L, Gestwicki JE, Gewirtz DA, Ghavami S, Ghigo E, Ghosh D, Giammarioli AM, Giampieri F, Giampietri C, Giatromanolaki A, Gibbins DJ, Gibellini L, Gibson SB, Ginet V, Giordano A, Giorgini F, Giovannetti E, Girardin SE, Gispert S, Giuliano S, Gladson CL, Glavic A, Gleave M, Godefroy N, Gogal RM Jr, Gokulan K, Goldman GH, Goletti D, Goligorsky MS, Gomes AV, Gomes LC, Gomez H, Gomez-Manzano C, Gómez-Sánchez R, Gonçalves DA, Goncu E, Gong Q, Gongora C, Gonzalez CB, Gonzalez-Alegre P,

Gonzalez-Cabo P, González-Polo RA, Goping IS, Gorbea C, Gorbunov NV, Goring DR, Gorman AM, Gorski SM, Goruppi S, Goto-Yamada S, Gotor C, Gottlieb RA, Gozes I, Gozuacik D, Graba Y, Graef M, Granato GE, Grant GD, Grant S, Gravina GL, Green DR, Greenhough A, Greenwood MT, Grimaldi B, Gros F, Grose C, Groulx JF, Gruber F, Grumati P, Grune T, Guan JL, Guan KL, Guerra B, Guillen C, Gulshan K, Gunst J, Guo C, Guo L, Guo M, Guo W, Guo XG, Gust AA, Gustafsson ÅB, Gutierrez E, Gutierrez MG, Gwak HS, Haas A, Haber JE, Hadano S, Hagedorn M, Hahn DR, Halayko AJ, Hamacher-Brady A, Hamada K, Hamai A, Hamann A, Hamasaki M, Hamer I, Hamid Q, Hammond EM, Han F, Han W, Handa JT, Hanover JA, Hansen M, Harada M, Harhaji-Trajkovic L, Harper JW, Harrath AH, Harris AL, Harris J, Hasler U, Hasselblatt P, Hasui K, Hawley RG, Hawley TS, He C, He CY, He F, He G, He RR, He XH, He YW, He YY, Heath JK, Hébert MJ, Heinzen RA, Helgason GV, Hensel M, Henske EP, Her C, Herman PK, Hernández A, Hernandez C, Hernández-Tiedra S, Hetz C, Hiesinger PR, Higaki K, Hilfiker S, Hill BG, Hill JA, Hill WD, Hino K, Hofius D, Hofman P, Höglinger GU, Höhfeld J, Holz MK, Hong Y, Hood DA, Hoozemans JJ, Hoppe T, Hsu C, Hsu CY, Hsu LC, Hu D, Hu G, Hu HM, Hu H, Hu MC, Hu YC, Hu ZW, Hua F, Hua Y, Huang C, Huang HL, Huang KH, Huang KY, Huang S, Huang S, Huang WP, Huang YR, Huang Y, Huang Y, Huber TB, Huebbe P, Huh WK, Hulmi JJ, Hur GM, Hurley JH, Husak Z, Hussain SN, Hussain S, Hwang JJ, Hwang S, Hwang TI, Ichihara A, Imai Y, Imbriano C, Inomata M, Into T, Iovane V, Iovanna JL, Iozzo RV, Ip NY, Irazoqui JE, Iribarren P, Isaka Y, Isakovic AJ, Ischiropoulos H, Isenberg JS, Ishaq M, Ishida H, Ishii I, Ishmael JE, Isidoro C, Isobe K, Isono E, Issazadeh-Navikas S, Itahana K, Itakura E, Ivanov AI, Iyer AK, Izquierdo JM, Izumi Y, Izzo V, Jäättelä M, Jaber N, Jackson DJ, Jackson WT, Jacob TG, Jacques TS, Jagannath C, Jain A, Jana NR, Jang BK, Jani A, Janji B, Jannig PR, Jansson PJ, Jean S, Jendrach M, Jeon JH, Jessen N, Jeung EB, Jia K, Jia L, Jiang H, Jiang H, Jiang L, Jiang T, Jiang X, Jiang X, Jiang X, Jiang Y, Jiang Y, Jiménez A, Jin C, Jin H, Jin L, Jin M, Jin S, Jinwal UK, Jo EK, Johansen T, Johnson DE, Johnson GV, Johnson JD, Jonasch E, Jones C, Joosten LA, Jordan J, Joseph AM, Joseph B, Joubert AM, Ju D, Ju J, Juan HF, Juenemann K, Juhász G, Jung HS, Jung JU, Jung YK, Jungbluth H, Justice MJ, Jutten B, Kaakoush NO, Kaarniranta K, Kaasik A, Kabuta T, Kaeffer B, Kågedal K, Kahana A, Kajimura S, Kakhlon O, Kalia M, Kalvakolanu DV, Kamada Y, Kambas K, Kaminsky VO, Kampinga HH, Kandouz M, Kang C, Kang R, Kang TC, Kanki T, Kanneganti TD, Kanno H, Kanthasamy AG, Kantorow M, Kaparakis-Liaskos M, Kapuy O, Karantza V, Karim MR, Karmakar P, Kaser A, Kaushik S, Kawula T, Kaynar AM, Ke PY, Ke ZJ, Kehrl JH, Keller KE, Kemper JK, Kenworthy AK, Kepp O, Kern A, Kesari S, Kessel D, Ketteler R, Kettelhut Ido C, Khambu B, Khan MM, Khandelwal VK, Khare S, Kiang JG, Kiger AA, Kihara A, Kim AL, Kim CH, Kim DR, Kim DH, Kim EK, Kim HY, Kim HR, Kim JS, Kim JH, Kim JC, Kim JH, Kim KW, Kim MD, Kim MM, Kim PK, Kim SW, Kim SY, Kim YS, Kim Y, Kimchi A, Kimmelman AC, Kimura T, King JS, Kirkegaard K, Kirkin V, Kirshenbaum LA, Kishi S, Kitajima Y, Kitamoto K, Kitaoka Y, Kitazato K, Kley RA, Klimecki WT, Klinkenberg M, Klucken J, Knævelsrud H, Knecht E, Knuppertz L, Ko JL, Kobayashi S, Koch JC, Koechlin-Ramonatxo C, Koenig U, Koh YH, Köhler K, Kohlwein SD, Koike M, Komatsu M, Kominami E, Kong D, Kong HJ, Konstantakou EG, Kopp BT, Korcsmaros T, Korhonen L, Korolchuk VI, Koshkina NV, Kou Y, Koukourakis MI, Koumenis C, Kovács AL, Kovács T, Kovacs WJ, Koya D, Kraft C, Krainc D, Kramer H, Kravic-Stevovic T, Krek W, Kretz-Remy C, Krick R, Krishnamurthy M, Kriston-Vizi J, Kroemer G, Kruer MC, Kruger R, Ktistakis NT, Kuchitsu K, Kuhn C, Kumar AP, Kumar A, Kumar A, Kumar D, Kumar D, Kumar R, Kumar S, Kundu M, Kung HJ, Kuno A, Kuo SH, Kuret J, Kurz T, Kwok T, Kwon TK, Kwon YT, Kyrmizi I, La Spada AR, Lafont F, Lahm T, Lakkaraju A, Lam T, Lamark T, Lancel S, Landowski TH, Lane DJ, Lane JD, Lanzi C, Lapaquette P, Lapierre LR, Laporte J, Laukkanen J, Laurie GW, Lavandero S, Lavie L, LaVoie MJ, Law BY, Law HK, Law KB, Layfield R, Lazo PA, Le Cam L, Le Roch KG, Le Stunff H, Leardkamolkarn V, Lecuit M, Lee BH, Lee CH, Lee EF, Lee GM, Lee HJ, Lee H, Lee JK, Lee J, Lee JH, Lee JH, Lee M, Lee MS, Lee PJ, Lee SW, Lee SJ, Lee SJ, Lee SY, Lee SH, Lee SS, Lee SJ, Lee S, Lee YR, Lee YJ, Lee YH, Leeuwenburgh C, Lefort S, Legouis R, Lei J, Lei QY, Leib DA, Leibowitz G, Lekli I, Lemaire SD, Lemasters JJ, Lemberg MK, Lemoine A, Leng S, Lenz G, Lenzi P, Lerman LO, Lettieri Barbato D, Leu JI, Leung HY, Levine B, Lewis PA, Lezoualc'h F, Li C, Li F, Li FJ, Li J, Li K, Li L, Li M, Li M, Li Q, Li R, Li S, Li W, Li W, Li X, Li Y, Lian J, Liang C, Liang Q, Liao Y, Liberal J, Liberski PP, Lie P, Lieberman AP, Lim HJ, Lim KL, Lim K, Lima RT, Lin CS, Lin CF, Lin F, Lin F, Lin FC, Lin K, Lin KH, Lin PH, Lin T, Lin WW, Lin YS, Lin Y, Linden R, Lindholm D, Lindqvist LM, Lingor P, Linkermann A, Liotta LA,

Lipinski MM, Lira VA, Lisanti MP, Liton PB, Liu B, Liu C, Liu CF, Liu F, Liu HJ, Liu J, Liu JJ, Liu JL, Liu K, Liu L, Liu L, Liu Q, Liu RY, Liu S, Liu S, Liu W, Liu XD, Liu X, Liu XH, Liu X, Liu X, Liu X, Liu Y, Liu Y, Liu Z, Liu Z, Liuzzi JP, Lizard G, Ljujic M, Lodhi IJ, Logue SE, Lokeshwar BL, Long YC, Lonial S, Loos B, López-Otín C, López-Vicario C, Lorente M, Lorenzi PL, Lőrincz P, Los M, Lotze MT, Lovat PE, Lu B, Lu B, Lu J, Lu Q, Lu SM, Lu S, Lu Y, Luciano F, Luckhart S, Lucocq JM, Ludovico P, Lugea A, Lukacs NW, Lum JJ, Lund AH, Luo H, Luo J, Luo S, Luparello C, Lyons T, Ma J, Ma Y, Ma Y, Ma Z, Machado J, Machado-Santelli GM, Macian F, MacIntosh GC, MacKeigan JP, Macleod KF, MacMicking JD, MacMillan-Crow LA, Madeo F, Madesh M, Madrigal-Matute J, Maeda A, Maeda T, Maegawa G, Maellaro E, Maes H, Magariños M, Maiese K, Maiti TK, Maiuri L, Maiuri MC, Maki CG, Malli R, Malorni W, Maloyan A, Mami-Chouaib F, Man N, Mancias JD, Mandelkow EM, Mandell MA, Manfredi AA, Manié SN, Manzoni C, Mao K, Mao Z, Mao ZW, Marambaud P, Marconi AM, Marelja Z, Marfe G, Margeta M, Margittai E, Mari M, Mariani FV, Marin C, Marinelli S, Mariño G, Markovic I, Marquez R, Martelli AM, Martens S, Martin KR, Martin SJ, Martin S, Martin-Acebes MA, Martín-Sanz P, Martinand-Mari C, Martinet W, Martinez J, Martinez-Lopez N, Martinez-Outschoorn U, Martínez-Velázquez M, Martinez-Vicente M, Martins WK, Mashima H, Mastrianni JA, Matarese G, Matarrese P, Mateo R, Matoba S, Matsumoto N, Matsushita T, Matsuura A, Matsuzawa T, Mattson MP, Matus S, Maugeri N, Mauvezin C, Mayer A, Maysinger D, Mazzolini GD, McBrayer MK, McCall K, McCormick C, McInerney GM, McIver SC, McKenna S, McMahon JJ, McNeish IA, Mechta-Grigoriou F, Medema JP, Medina DL, Megyeri K, Mehrpour M, Mehta JL, Mei Y, Meier UC, Meijer AJ, Meléndez A, Melino G, Melino S, de Melo EJ, Mena MA, Meneghini MD, Menendez JA, Menezes R, Meng L, Meng LH, Meng S, Menghini R, Menko AS, Menna-Barreto RF, Menon MB, Meraz-Ríos MA, Merla G, Merlini L, Merlot AM, Meryk A, Meschini S, Meyer JN, Mi MT, Miao CY, Micale L, Michaeli S, Michiels C, Migliaccio AR, Mihailidou AS, Mijaljica D, Mikoshiba K, Milan E, Miller-Fleming L, Mills GB, Mills IG, Minakaki G, Minassian BA, Ming XF, Minibayeva F, Minina EA, Mintern JD, Minucci S, Miranda-Vizuete A, Mitchell CH, Miyamoto S, Miyazawa K, Mizushima N, Mnich K, Mograbi B, Mohseni S, Moita LF, Molinari M, Molinari M, Møller AB, Mollereau B, Mollinedo F, Mongillo M, Monick MM, Montagnaro S, Montell C, Moore DJ, Moore MN, Mora-Rodriguez R, Moreira PI, Morel E, Morelli MB, Moreno S, Morgan MJ, Moris A, Moriyasu Y, Morrison JL, Morrison LA, Morselli E, Moscat J, Moseley PL, Mostowy S, Motori E, Mottet D, Mottram JC, Moussa CE, Mpakou VE, Mukhtar H, Mulcahy Levy JM, Muller S, Muñoz-Moreno R, Muñoz-Pinedo C, Münz C, Murphy ME, Murray JT, Murthy A, Mysorekar IU, Nabi IR, Nabissi M, Nader GA, Nagahara Y, Nagai Y, Nagata K, Nagelkerke A, Nagy P, Naidu SR, Nair S, Nakano H, Nakatogawa H, Nanjundan M, Napolitano G, Naqvi NI, Nardacci R, Narendra DP, Narita M, Nascimbeni AC, Natarajan R, Navegantes LC, Nawrocki ST, Nazarko TY, Nazarko VY, Neill T, Neri LM, Netea MG, Netea-Maier RT, Neves BM, Ney PA, Nezis IP, Nguyen HT, Nguyen HP, Nicot AS, Nilsen H, Nilsson P, Nishimura M, Nishino I, Niso-Santano M, Niu H, Nixon RA, Njar VC, Noda T, Noegel AA, Nolte EM, Norberg E, Norga KK, Noureini SK, Notomi S, Notterpek L, Nowikovsky K, Nukina N, Nürnberger T, O'Donnell VB, O'Donovan T, O'Dwyer PJ, Oehme I, Oeste CL, Ogawa M, Ogretmen B, Ogura Y, Oh YJ, Ohmuraya M, Ohshima T, Ojha R, Okamoto K, Okazaki T, Oliver FJ, Ollinger K, Olsson S, Orban DP, Ordonez P, Orhon I, Orosz L, O'Rourke EJ, Orozco H, Ortega AL, Ortona E, Osellame LD, Oshima J, Oshima S, Osiewicz HD, Otomo T, Otsu K, Ou JH, Outeiro TF, Ouyang DY, Ouyang H, Overholtzer M, Ozbun MA, Ozdinler PH, Ozpolat B, Pacelli C, Paganetti P, Page G, Pages G, Pagnini U, Pajak B, Pak SC, Pakos-Zebrucka K, Pakpour N, Palková Z, Palladino F, Pallauf K, Pallet N, Palmieri M, Paludan SR, Palumbo C, Palumbo S, Pampliega O, Pan H, Pan W, Panaretakis T, Pandey A, Pantazopoulou A, Papackova Z, Papademetrio DL, Papassideri I, Papini A, Parajuli N, Pardo J, Parekh VV, Parenti G, Park JJ, Park J, Park OK, Parker R, Parlato R, Parys JB, Parzych KR, Pasquet JM, Pasquier B, Pasumarthi KB, Patschan D, Patterson C, Pattingre S, Pattison S, Pause A, Pavenstädt H, Pavone F, Pedrozo Z, Peña FJ, Peñalva MA, Pende M, Peng J, Penna F, Penninger JM, Pensalfini A, Pepe S, Pereira GJ, Pereira PC, Pérez-de la Cruz V, Pérez-Pérez ME, Pérez-Rodríguez D, Pérez-Sala D, Perier C, Perl A, Perlmutter DH, Perrotta I, Pervaiz S, Pesonen M, Pessin JE, Peters GJ, Petersen M, Petrache I, Petrof BJ, Petrovski G, Phang JM, Piacentini M, Pierdominici M, Pierre P, Pierrefite-Carle V, Pietrocola F, Pimentel-Muiños FX, Pinar M, Pineda B, Pinkas-Kramarski R, Pinti M, Pinton P, Piperdi B, Piret JM, Plataniias LC, Platta HW, Plowey ED, Pöggeler S, Poirot M, Polčič P, Poletti A, Poon AH, Popelka H, Popova B, Poprawa I, Poulouse

SM, Poulton J, Powers SK, Powers T, Pozuelo-Rubio M, Prak K, Prange R, Prescott M, Priault M, Prince S, Proia RL, Proikas-Cezanne T, Prokisch H, Promponas VJ, Przyklenk K, Puertollano R, Pugazhenth S, Puglielli L, Pujol A, Puyal J, Pyeon D, Qi X, Qian WB, Qin ZH, Qiu Y, Qu Z, Quadrilatero J, Quinn F, Raben N, Rabinowich H, Radogna F, Ragusa MJ, Rahmani M, Raina K, Ramanadham S, Ramesh R, Rami A, Randall-Demllo S, Randow F, Rao H, Rao VA, Rasmussen BB, Rasse TM, Ratovitski EA, Rautou PE, Ray SK, Razani B, Reed BH, Reggiori F, Rehm M, Reichert AS, Rein T, Reiner DJ, Reits E, Ren J, Ren X, Renna M, Reusch JE, Revuelta JL, Reyes L, Rezaie AR, Richards RI, Richardson DR, Richetta C, Riehle MA, Rihn BH, Rikihisa Y, Riley BE, Rimbach G, Rippo MR, Ritis K, Rizzi F, Rizzo E, Roach PJ, Robbins J, Roberge M, Roca G, Roccheri MC, Rocha S, Rodrigues CM, Rodríguez CI, de Cordoba SR, Rodriguez-Muela N, Roelofs J, Rogov VV, Rohn TT, Rohrer B, Romanelli D, Romani L, Romano PS, Roncero MI, Rosa JL, Rosello A, Rosen KV, Rosenstiel P, Rost-Roszkowska M, Roth KA, Roué G, Rouis M, Rouschop KM, Ruan DT, Ruano D, Rubinsztejn DC, Rucker EB 3rd, Rudich A, Rudolf E, Rudolf R, Ruegg MA, Ruiz-Roldan C, Ruparelia AA, Rusmini P, Russ DW, Russo GL, Russo G, Russo R, Rusten TE, Ryabovol V, Ryan KM, Ryter SW, Sabatini DM, Sacher M, Sachse C, Sack MN, Sadoshima J, Saftig P, Sagi-Eisenberg R, Sahni S, Saikumar P, Saito T, Saitoh T, Sakakura K, Sakoh-Nakatogawa M, Sakuraba Y, Salazar-Roa M, Salomoni P, Saluja AK, Salvaterra PM, Salvioli R, Samali A, Sanchez AM, Sánchez-Alcázar JA, Sanchez-Prieto R, Sandri M, Sanjuan MA, Santaguida S, Santambrogio L, Santoni G, Dos Santos CN, Saran S, Sardiello M, Sargent G, Sarkar P, Sarkar S, Sarrias MR, Sarwal MM, Sasakawa C, Sasaki M, Sass M, Sato K, Sato M, Satriano J, Savaraj N, Saveljeva S, Schaefer L, Schaible UE, Scharl M, Schatzl HM, Schekman R, Scheper W, Schiavi A, Schipper HM, Schmeisser H, Schmidt J, Schmitz I, Schneider BE, Schneider EM, Schneider JL, Schon EA, Schönenberger MJ, Schönthal AH, Schorderet DF, Schröder B, Schuck S, Schulze RJ, Schwarten M, Schwarz TL, Sciarretta S, Scotto K, Scovassi AI, Screatton RA, Screen M, Seca H, Sedej S, Segatori L, Segev N, Seglen PO, Seguí-Simarro JM, Segura-Aguilar J, Seki E, Sell C, Seilliez I, Semenkovich CF, Semenza GL, Sen U, Serra AL, Serrano-Puebla A, Sesaki H, Setoguchi T, Settembre C, Shacka JJ, Shajahan-Haq AN, Shapiro IM, Sharma S, She H, Shen CK, Shen CC, Shen HM, Shen S, Shen W, Sheng R, Sheng X, Sheng ZH, Shepherd TG, Shi J, Shi Q, Shi Q, Shi Y, Shibutani S, Shibuya K, Shidoji Y, Shieh JJ, Shih CM, Shimada Y, Shimizu S, Shin DW, Shinohara ML, Shintani M, Shintani T, Shioi T, Shirabe K, Shiri-Sverdlov R, Shirihai O, Shore GC, Shu CW, Shukla D, Sibirny AA, Sica V, Sigurdson CJ, Sigurdsson EM, Sijwali PS, Sikorska B, Silveira WA, Silvente-Poirot S, Silverman GA, Simak J, Simmet T, Simon AK, Simon HU, Simone C, Simons M, Simonsen A, Singh R, Singh SV, Singh SK, Sinha D, Sinha S, Sinicrope FA, Sirko A, Sirohi K, Sishi BJ, Sittler A, Siu PM, Sivridis E, Skwarska A, Slack R, Slaninová I, Slavov N, Smaili SS, Smalley KS, Smith DR, Soenen SJ, Soleimanpour SA, Solhaug A, Somasundaram K, Son JH, Sonawane A, Song C, Song F, Song HK, Song JX, Song W, Soo KY, Sood AK, Soong TW, Soontornniyomkij V, Sorice M, Sotgia F, Soto-Pantoja DR, Sotthibundhu A, Sousa MJ, Spaink HP, Span PN, Spang A, Sparks JD, Speck PG, Spector SA, Spies CD, Springer W, Clair DS, Stacchiotti A, Staels B, Stang MT, Starczynowski DT, Starokadomskyy P, Steegborn C, Steele JW, Stefanis L, Steffan J, Stellrecht CM, Stenmark H, Stepkowski TM, Stern ST, Stevens C, Stockwell BR, Stoka V, Storchova Z, Stork B, Stratoulis V, Stravopodis DJ, Strnad P, Strohecker AM, Ström AL, Stromhaug P, Stulik J, Su YX, Su Z, Subauste CS, Subramaniam S, Sue CM, Suh SW, Sui X, Sukserree S, Sulzer D, Sun FL, Sun J, Sun J, Sun SY, Sun Y, Sun Y, Sun Y, Sundaramoorthy V, Sung J, Suzuki H, Suzuki K, Suzuki N, Suzuki T, Suzuki YJ, Swanson MS, Swanton C, Swärd K, Swarup G, Sweeney ST, Sylvester PW, Szatmari Z, Szegezdi E, Szlosarek PW, Taegtmeier H, Tafani M, Taillebourg E, Tait SW, Takacs-Vellai K, Takahashi Y, Takáts S, Takemura G, Takigawa N, Talbot NJ, Tamagno E, Tamburini J, Tan CP, Tan L, Tan ML, Tan M, Tan YJ, Tanaka K, Tanaka M, Tang D, Tang D, Tang G, Tanida I, Tanji K, Tannous BA, Tapia JA, Tasset-Cuevas I, Tatar M, Tavassoly I, Tavernarakis N, Taylor A, Taylor GS, Taylor GA, Taylor JP, Taylor MJ, Tchetina EV, Tee AR, Teixeira-Clerc F, Telang S, Tencomnao T, Teng BB, Teng RJ, Terro F, Tettamanti G, Theiss AL, Theron AE, Thomas KJ, Thomé MP, Thomes PG, Thorburn A, Thorner J, Thum T, Thumm M, Thurston TL, Tian L, Till A, Ting JP, Titorenko VI, Toker L, Toldo S, Tooze SA, Topisirovic I, Torgersen ML, Torosantucci L, Torriglia A, Torrisi MR, Tournier C, Towns R, Trajkovic V, Travassos LH, Triola G, Tripathi DN, Trisciuglio D, Troncoso R, Trougakos IP, Truttmann AC, Tsai KJ, Tschan MP, Tseng YH, Tsukuba T, Tsung A, Tsvetkov AS, Tu S, Tuan HY, Tucci

M, Tumbarello DA, Turk B, Turk V, Turner RF, Tveita AA, Tyagi SC, Ubukata M, Uchiyama Y, Udelnow A, Ueno T, Umekawa M, Umemiya-Shirafuji R, Underwood BR, Ungermann C, Ureshino RP, Ushioda R, Uversky VN, Uzcátegui NL, Vaccari T, Vaccaro MI, Váchová L, Vakifahmetoglu-Norberg H, Valdor R, Valente EM, Vallette F, Valverde AM, Van den Berghe G, Van Den Bosch L, van den Brink GR, van der Goot FG, van der Klei IJ, van der Laan LJ, van Doorn WG, van Egmond M, van Golen KL, Van Kaer L, van Lookeren Campagne M, Vandenabeele P, Vandenbergh W, Vanhorebeek I, Varela-Nieto I, Vasconcelos MH, Vasko R, Vavvas DG, Vega-Naredo I, Velasco G, Velentzas AD, Velentzas PD, Vellai T, Vellenga E, Vendelbo MH, Venkatachalam K, Ventura N, Ventura S, Veras PS, Verdier M, Vertessy BG, Viale A, Vidal M, Vieira HL, Vierstra RD, Vigneswaran N, Vij N, Vila M, Villar M, Villar VH, Villarroya J, Vindis C, Viola G, Viscomi MT, Vitale G, Vogl DT, Voitsekhovskaja OV, von Haefen C, von Schwarzenberg K, Voth DE, Vouret-Craviari V, Vuori K, Vyas JM, Waeber C, Walker CL, Walker MJ, Walter J, Wan L, Wan X, Wang B, Wang C, Wang CY, Wang C, Wang C, Wang C, Wang D, Wang F, Wang F, Wang G, Wang HJ, Wang H, Wang HG, Wang H, Wang HD, Wang J, Wang J, Wang M, Wang MQ, Wang PY, Wang P, Wang RC, Wang S, Wang TF, Wang X, Wang XJ, Wang XW, Wang X, Wang X, Wang Y, Wang Y, Wang Y, Wang YJ, Wang Y, Wang Y, Wang YT, Wang Y, Wang ZN, Wappner P, Ward C, Ward DM, Warnes G, Watada H, Watanabe Y, Watase K, Weaver TE, Weekes CD, Wei J, Weide T, Wehl CC, Weindl G, Weis SN, Wen L, Wen X, Wen Y, Westermann B, Weyand CM, White AR, White E, Whitton JL, Whitworth AJ, Wiels J, Wild F, Wildenberg ME, Wileman T, Wilkinson DS, Wilkinson S, Willbold D, Williams C, Williams K, Williamson PR, Winkhofer KF, Witkin SS, Wohlgemuth SE, Wollert T, Wolvetang EJ, Wong E, Wong GW, Wong RW, Wong VK, Woodcock EA, Wright KL, Wu C, Wu D, Wu GS, Wu J, Wu J, Wu M, Wu M, Wu S, Wu WK, Wu Y, Wu Z, Xavier CP, Xavier RJ, Xia GX, Xia T, Xia W, Xia Y, Xiao H, Xiao J, Xiao S, Xiao W, Xie CM, Xie Z, Xie Z, Xilouri M, Xiong Y, Xu C, Xu C, Xu F, Xu H, Xu H, Xu J, Xu J, Xu J, Xu L, Xu X, Xu Y, Xu Y, Xu ZX, Xu Z, Xue Y, Yamada T, Yamamoto A, Yamanaka K, Yamashina S, Yamashiro S, Yan B, Yan B, Yan X, Yan Z, Yanagi Y, Yang DS, Yang JM, Yang L, Yang M, Yang PM, Yang P, Yang Q, Yang W, Yang WY, Yang X, Yang Y, Yang Y, Yang Z, Yang Z, Yao MC, Yao PJ, Yao X, Yao Z, Yao Z, Yasui LS, Ye M, Yedvobnick B, Yeganeh B, Yeh ES, Yeyati PL, Yi F, Yi L, Yin XM, Yip CK, Yoo YM, Yoo YH, Yoon SY, Yoshida K, Yoshimori T, Young KH, Yu H, Yu JJ, Yu JT, Yu J, Yu L, Yu WH, Yu XF, Yu Z, Yuan J, Yuan ZM, Yue BY, Yue J, Yue Z, Zacks DN, Zacksenhaus E, Zaffaroni N, Zaglia T, Zakeri Z, Zecchini V, Zeng J, Zeng M, Zeng Q, Zervos AS, Zhang DD, Zhang F, Zhang G, Zhang GC, Zhang H, Zhang H, Zhang H, Zhang H, Zhang J, Zhang J, Zhang J, Zhang J, Zhang JP, Zhang L, Zhang L, Zhang L, Zhang L, Zhang MY, Zhang X, Zhang XD, Zhang Y, Zhang Y, Zhang Y, Zhang Y, Zhang Y, Zhao M, Zhao WL, Zhao X, Zhao YG, Zhao Y, Zhao Y, Zhao YX, Zhao Z, Zhao ZJ, Zheng D, Zheng XL, Zheng X, Zhivotovsky B, Zhong Q, Zhou GZ, Zhou G, Zhou H, Zhou SF, Zhou XJ, Zhu H, Zhu H, Zhu WG, Zhu W, Zhu XF, Zhu Y, Zhuang SM, Zhuang X, Ziparo E, Zois CE, Zoladek T, Zong WX, Zorzano A, Zughaier SM. Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*. 2016;12(1):1-222. doi: 10.1080/15548627.2015.1100356. Erratum in: *Autophagy*. 2016;12(2):443. Selliez, Iban [corrected to Seilliez, Iban]. PubMed PMID: 26799652; PubMed Central PMCID: PMC4835977.

205: Sumita K, Lo YH, Takeuchi K, Senda M, Kofuji S, Ikeda Y, Terakawa J, Sasaki M, Yoshino H, Majd N, Zheng Y, Kahoud ER, Yokota T, Emerling BM, Asara JM, Ishida T, Locasale JW, Daikoku T, Anastasiou D, Senda T, Sasaki AT. The Lipid Kinase PI5P4K β Is an Intracellular GTP Sensor for Metabolism and Tumorigenesis. *Mol Cell*. 2016 Jan 21;61(2):187-98. doi: 10.1016/j.molcel.2015.12.011. Epub 2016 Jan 7. PubMed PMID: 26774281; PubMed Central PMCID: PMC4747657.

206: Watanabe K, Filomena CA, Nonaka Y, Matsuda M, Zomorodi AR, Friedman AH, Fukushima T. Extradural Dermoid Cyst of the Anterior Infratemporal Fossa. Case Report. *J Neurol Surg Rep*. 2015 Nov;76(2):e195-9. doi: 10.1055/s-0034-1544111. Epub 2015 Oct 29. PubMed PMID: 26623226; PubMed Central PMCID: PMC4648720.

207: Hoshiai S, Masumoto T, Matsuda M, Sugii N, Sakamoto N, Minami M. Radiation-induced

angiosarcoma of the brain. BJR Case Rep. 2015 Dec 1;2(2):20150374. doi: 10.1259/bjrcr.20150374. eCollection 2016. PubMed PMID: 30363634; PubMed Central PMCID: PMC6180856.

208: Yoon S, Gariepy CE, Yanagisawa M, Zuccarello M, Rapoport RM. Functional ET(A)-ET(B) Receptor Cross-talk in Basilar Artery In Situ From ET(B) Receptor Deficient Rats. J Cardiovasc Pharmacol. 2016 Mar;67(3):212-7. doi: 10.1097/FJC.0000000000000335. PubMed PMID: 26528589.

209: Ishikawa E, Yamamoto T, Matsuda M, Akutsu H, Zaboronok A, Kohzuki H, Miki S, Takano S, Matsumura A. Intraparenchymal brain lesion biopsy guided by a rigid endoscope and navigation system. Surg Neurol Int. 2015 Sep 18;6:149. doi: 10.4103/2152-7806.165764. eCollection 2015. PubMed PMID: 26487974; PubMed Central PMCID: PMC4590177.

210: Kozuma Y, Yamamoto T, Ishikawa E, Yoshida F, Akutsu H, Matsuda M, Nakai K, Tsuruta W, Takano S, Matsumura A, Ninomiya H. Sodium Bicarbonate Facilitates Hemostasis in the Presence of Cerebrospinal Fluid Through Amplification of Platelet Aggregation. Neurosurgery. 2016 Feb;78(2):274-84. doi: 10.1227/NEU.0000000000001058. PubMed PMID: 26457486.

211: Sato H, Ishii Y, Yamamoto S, Azuma E, Takahashi Y, Hamashima T, Umezawa A, Mori H, Kuroda S, Endo S, Sasahara M. PDGFR- β Plays a Key Role in the Ectopic Migration of Neuroblasts in Cerebral Stroke. Stem Cells. 2016 Mar;34(3):685-98. doi: 10.1002/stem.2212. Epub 2015 Oct 4. PubMed PMID: 26435273.

212: Fujii Y, Ogasawara S, Oki H, Liu X, Kaneko MK, Takano S, Kato Y. A high-sensitive HMAb-2 specifically detects IDH1-R132H, the most common IDH mutation in gliomas. Biochem Biophys Res Commun. 2015 Oct 30;466(4):733-9. doi: 10.1016/j.bbrc.2015.09.070. Epub 2015 Sep 14. PubMed PMID: 26381180.

213: Igari K, Inoue Y, Iwai T. The Epidemiologic and Clinical Findings of Patients with Buerger Disease. Ann Vasc Surg. 2016 Jan;30:263-9. doi: 10.1016/j.avsg.2015.07.014. Epub 2015 Sep 11. PubMed PMID: 26370744.

214: Hara T, Akutsu H, Yamamoto T, Tanaka S, Takano S, Ishikawa E, Matsuda M, Matsumura A. Cranial Base Repair Using Suturing Technique Combined with a Mucosal Flap for Cerebrospinal fluid fistula During Endoscopic Endonasal Surgery. World Neurosurg. 2015 Dec;84(6):1887-93. doi: 10.1016/j.wneu.2015.08.025. Epub 2015 Sep 1. PubMed PMID: 26341445.

215: Snoeren EM, Antonio-Cabrera E, Spiteri T, Musatov S, Ogawa S, Pfaff DW, Ågmo A. Role of Oestrogen α Receptors in Sociosexual Behaviour in Female Rats Housed in a Seminatural Environment. J Neuroendocrinol. 2015 Nov;27(11):803-18. doi: 10.1111/jne.12321. PubMed PMID: 26314929.

216: Zaboronok A, Yamamoto T, Nakai K, Yoshida F, Uspenskii S, Selyanin M, Zelenetskii A, Matsumura A. Hyaluronic acid as a potential boron carrier for BNCT: Preliminary evaluation. Appl Radiat Isot. 2015 Dec;106:181-4. doi: 10.1016/j.apradiso.2015.08.020. Epub 2015 Aug 18. PubMed PMID: 26302663.

217: Okamoto E, Yamamoto T, Nakai K, Fumiyo Yoshida, Matsumura A. Detection of DNA double-strand breaks in boron neutron capture reaction. Appl Radiat Isot. 2015 Dec;106:185-8. doi: 10.1016/j.apradiso.2015.08.019. Epub 2015 Aug 17. PubMed PMID: 26302660.

218: Yamamoto T, Ishikawa E, Miki S, Sakamoto N, Zaboronok A, Matsuda M, Akutsu H, Nakai K, Tsuruta W, Matsumura A. Photodynamic Diagnosis Using 5-Aminolevulinic Acid in 41 Biopsies for Primary Central Nervous System Lymphoma. Photochem Photobiol. 2015 Nov;91(6):1452-7. doi:

10.1111/php.12510. Epub 2015 Sep 15. PubMed PMID: 26277101.

219: Yamazaki T, Yamamoto T, Hatayama T, Zaboronok A, Ishikawa E, Akutsu H, Matsuda M, Kato N, Matsumura A. Abducent nerve palsy treated by microvascular decompression: a case report and review of the literature. *Acta Neurochir (Wien)*. 2015 Oct;157(10):1801-5. doi: 10.1007/s00701-015-2530-5. Epub 2015 Aug 13. Review. PubMed PMID: 26266880.

220: Uchikawa Y, Mori K, Shiigai M, Konishi T, Hoshiai S, Ishigro T, Hiyama T, Nakai Y, Minami M. Double Coaxial Microcatheter Technique for Glue Embolization of Renal Arteriovenous Malformations. *Cardiovasc Intervent Radiol*. 2015 Oct;38(5):1277-83. doi: 10.1007/s00270-015-1188-y. Epub 2015 Aug 8. PubMed PMID: 26253779.

221: Nakai K, Yamamoto Y, Okamoto E, Yamamoto T, Yoshida F, Matsumura A, Yamada N, Kitamura A, Koka M, Satoh T. Boron analysis for neutron capture therapy using particle-induced gamma-ray emission. *Appl Radiat Isot*. 2015 Dec;106:166-70. doi: 10.1016/j.apradiso.2015.07.035. Epub 2015 Jul 29. PubMed PMID: 26242558.

222: Seo SJ, Han SM, Cho JH, Hyodo K, Zaboronok A, You H, Peach K, Hill MA, Kim JK. Enhanced production of reactive oxygen species by gadolinium oxide nanoparticles under core-inner-shell excitation by proton or monochromatic X-ray irradiation: implication of the contribution from the interatomic de-excitation-mediated nanoradiator effect to dose enhancement. *Radiat Environ Biophys*. 2015 Nov;54(4):423-31. doi: 10.1007/s00411-015-0612-7. Epub 2015 Aug 5. PubMed PMID: 26242374.

223: Matsumura H, Ito Y, Nakai Y, Nakamura K, Shiigai M, Tsuruta W, Uemura K, Matsumura A. [A Case of Traumatic Carotid Cavernous Fistula Treated with a Single Procedure Selective Transarterial Embolization Using Hydrogel Coils]. *No Shinkei Geka*. 2015 Aug;43(8):721-6. doi: 10.11477/mf.1436203109. Japanese. PubMed PMID: 26224466.

224: Yamamoto T, Matsubara T, Satomi K, Sakamoto N, Matsuda M, Muroi A, Ishikawa E, Akutsu H, Nakai K, Matsumura A. Rosette-forming glioneuronal tumor originating in the hypothalamus. *Brain Tumor Pathol*. 2015 Oct;32(4):291-6. doi: 10.1007/s10014-015-0226-4. Epub 2015 Jul 9. PubMed PMID: 26156565.

225: Takano S, Yamamoto T, Ishikawa E, Akutsu H, Nakai K, Matsuda M, Muroi A, Shibata Y, Mizumoto M, Tsuboi K, Matsumura A. Improvement of Long-term Results with Neoadjuvant Chemotherapy and Radiotherapy for Central Nervous System Germinoma. *World Neurosurg*. 2015 Sep;84(3):846-54. doi: 10.1016/j.wneu.2015.06.029. Epub 2015 Jun 23. PubMed PMID: 26115804.

226: Goodson WH 3rd, Lowe L, Carpenter DO, Gilbertson M, Manaf Ali A, Lopez de Cerain Salsamendi A, Lasfar A, Carnero A, Azqueta A, Amedei A, Charles AK, Collins AR, Ward A, Salzberg AC, Colacci A, Olsen AK, Berg A, Barclay BJ, Zhou BP, Blanco-Aparicio C, Bagloli CJ, Dong C, Mondello C, Hsu CW, Naus CC, Yedjou C, Curran CS, Laird DW, Koch DC, Carlin DJ, Felsher DW, Roy D, Brown DG, Ratovitski E, Ryan EP, Corsini E, Rojas E, Moon EY, Laconi E, Marongiu F, Al-Mulla F, Chiaradonna F, Darroudi F, Martin FL, Van Schooten FJ, Goldberg GS, Wagemaker G, Nangami GN, Calaf GM, Williams G, Wolf GT, Koppen G, Brunborg G, Lyerly HK, Krishnan H, Ab Hamid H, Yasaei H, Sone H, Kondoh H, Salem HK, Hsu HY, Park HH, Koturbash I, Miousse IR, Scovassi AI, Klaunig JE, Vondráček J, Raju J, Roman J, Wise JP Sr, Whitfield JR, Woodrick J, Christopher JA, Ochieng J, Martinez-Leal JF, Weisz J, Kravchenko J, Sun J, Prudhomme KR, Narayanan KB, Cohen-Solal KA, Moorwood K, Gonzalez L, Soucek L, Jian L, D'Abronzio LS, Lin LT, Li L, Gulliver L, McCawley LJ, Memeo L, Vermeulen L, Leyns L, Zhang L, Valverde M, Khatami M, Romano MF, Chapellier M, Williams MA, Wade M, Manjili MH, Leonart ME, Xia M, Gonzalez MJ, Karamouzis MV, Kirsch-Volders M, Vaccari M, Kuemmerle NB, Singh N, Cruickshanks N,

Kleinstreuer N, van Larebeke N, Ahmed N, Ogunkua O, Krishnakumar PK, Vadgama P, Marignani PA, Ghosh PM, Ostrosky-Wegman P, Thompson PA, Dent P, Heneberg P, Darbre P, Sing Leung P, Nangia-Makker P, Cheng QS, Robey RB, Al-Temaimi R, Roy R, Andrade-Vieira R, Sinha RK, Mehta R, Vento R, Di Fiore R, Ponce-Cusi R, Dornetshuber-Fleiss R, Nahta R, Castellino RC, Palorini R, Abd Hamid R, Langie SA, Eltom SE, Brooks SA, Ryeom S, Wise SS, Bay SN, Harris SA, Papagerakis S, Romano S, Pavanello S, Eriksson S, Forte S, Casey SC, Luanpitpong S, Lee TJ, Otsuki T, Chen T, Massfelder T, Sanderson T, Guarnieri T, Hultman T, Dormoy V, Odero-Marah V, Sabbisetti V, Maguer-Satta V, Rathmell WK, Engström W, Decker WK, Bisson WH, Rojanasakul Y, Luqmani Y, Chen Z, Hu Z.

Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. *Carcinogenesis*. 2015 Jun;36 Suppl 1:S254-96. doi: 10.1093/carcin/bgv039. Review. Erratum in: *Carcinogenesis*. 2016 Mar;37(3):344. PubMed PMID: 26106142; PubMed Central PMCID: PMC4480130.

227: Takano S, Akutsu H, Mizumoto M, Yamamoto T, Tsuboi K, Matsumura A. Neuroendoscopy Followed by Radiotherapy in Cystic Craniopharyngiomas—a Long-Term Follow-Up. *World Neurosurg*. 2015 Nov;84(5):1305-15.e1-2. doi: 10.1016/j.wneu.2015.06.022. Epub 2015 Jun 20. PubMed PMID: 26100163.

228: Akutsu H, Yamamoto T, Masuda Y, Ishikawa E, Masumoto T, Matsuda M, Matsumura A. Movable intraoperative magnetic resonance imaging incorporating a seismic system. *Clin Neurol Neurosurg*. 2015 Aug;135:57-61. doi: 10.1016/j.clineuro.2015.05.003. Epub 2015 May 14. PubMed PMID: 26038277.

229: Yazaki Y, Oyane A, Sogo Y, Ito A, Yamazaki A, Tsurushima H. Area-specific cell stimulation via surface-mediated gene transfer using apatite-based composite layers. *Int J Mol Sci*. 2015 Apr 14;16(4):8294-309. doi: 10.3390/ijms16048294. PubMed PMID: 25874757; PubMed Central PMCID: PMC4425081.

230: Iwakawa R, Kohno T, Totoki Y, Shibata T, Tsuchihara K, Mimaki S, Tsuta K, Narita Y, Nishikawa R, Noguchi M, Harris CC, Robles AI, Yamaguchi R, Imoto S, Miyano S, Totsuka H, Yoshida T, Yokota J. Expression and clinical significance of genes frequently mutated in small cell lung cancers defined by whole exome/RNA sequencing. *Carcinogenesis*. 2015 Jun;36(6):616-21. doi: 10.1093/carcin/bgv026. Epub 2015 Apr 11. PubMed PMID: 25863124; PubMed Central PMCID: PMC4462675.

231: Miki S, Ishikawa E, Yamamoto T, Akutsu H, Matsuda M, Sakamoto N, Matsumura A. Extreme volume expansion of a vestibular schwannoma due to intratumoral hemorrhage after gamma knife radiosurgery. *J Clin Neurosci*. 2015 Jul;22(7):1196-9. doi: 10.1016/j.jocn.2014.12.019. Epub 2015 Mar 31. PubMed PMID: 25840877.

232: Mizumoto M, Oshiro Y, Takizawa D, Fukushima T, Fukushima H, Yamamoto T, Muroi A, Okumura T, Tsuboi K, Sakurai H. Proton beam therapy for pediatric ependymoma. *Pediatr Int*. 2015 Aug;57(4):567-71. doi: 10.1111/ped.12624. Epub 2015 Jun 4. PubMed PMID: 25754294.

233: Gautam A, Kaul SC, Thakur MK. Alcoholic Extract of Ashwagandha Leaves Protects Against Amnesia by Regulation of Arc Function. *Mol Neurobiol*. 2016 Apr;53(3):1760-1769. doi: 10.1007/s12035-015-9117-2. Epub 2015 Mar 7. PubMed PMID: 25744565.

234: Takano S, Kato Y, Yamamoto T, Liu X, Ishikawa E, Kaneko MK, Ogasawara S, Matsuda M, Noguchi M, Matsumura A. Diagnostic advantage of double immunohistochemistry using two mutation-specific anti-IDH antibodies (HMAb-1 and MsMAb-1) in gliomas. *Brain Tumor Pathol*. 2015 Jul;32(3):169-75. doi: 10.1007/s10014-015-0214-8. Epub 2015 Feb 5. PubMed PMID: 25652153.

235: Kobayashi A, Parchi P, Yamada M, Brown P, Saverioni D, Matsuura Y, Takeuchi A, Mohri S, Kitamoto T. Transmission properties of atypical Creutzfeldt-Jakob disease: a clue to disease etiology? *J Virol*. 2015 Apr;89(7):3939-46. doi: 10.1128/JVI.03183-14. Epub 2015 Jan 21. PubMed PMID: 25609817; PubMed Central PMCID: PMC4403436.

236: Nakagawa A, Ogawa Y, Amano K, Ishii Y, Tahara S, Horiguchi K, Kawamata T, Yano S, Arafune T, Washio T, Kuratsu J, Saeki N, Okada Y, Teramoto A, Tominaga T. Pulsed Laser-induced Liquid Jet System for Treatment of Sellar and Parasellar Tumors: Safety Evaluation. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Nov;76(6):473-82. doi: 10.1055/s-0034-1396436. Epub 2015 Jan 16. PubMed PMID: 25594817.

237: Ikeda G, Tsuruta W, Nakai Y, Shiigai M, Marushima A, Masumoto T, Tsurushima H, Matsumura A. Anatomical risk factors for ischemic lesions associated with carotid artery stenting. *Interv Neuroradiol*. 2014 Dec;20(6):746-54. doi: 10.15274/INR-2014-10075. Epub 2014 Dec 5. PubMed PMID: 25496686; PubMed Central PMCID: PMC4295248.

238: Okamoto E, Ishikawa E, Yamamoto T, Matsuda M, Nakai K, Matsushita A, Masuda Y, Akutsu H, Ayuzawa S, Sakamaki F, Matsumoto Y, Matsumura A. Variability in amplitude and stimulation threshold values in motor evoked potential (MEP) monitoring during the resection of brain lesions. *Clin Neurophysiol*. 2015 Jun;126(6):1271-1278. doi: 10.1016/j.clinph.2014.10.005. Epub 2014 Oct 12. PubMed PMID: 25454280.

239: Takano S, Akutsu H, Hara T, Yamamoto T, Matsumura A. Correlations of vascular architecture and angiogenesis with pituitary neuroendocrine tumor histotype. *Int J Endocrinol*. 2014;2014:989574. doi: 10.1155/2014/989574. Epub 2014 Nov 9. PubMed PMID: 25431591; PubMed Central PMCID: PMC4241584.

240: Mizumoto M, Yamamoto T, Takano S, Ishikawa E, Matsumura A, Ishikawa H, Okumura T, Sakurai H, Miyatake S, Tsuboi K. Long-term survival after treatment of glioblastoma multiforme with hyperfractionated concomitant boost proton beam therapy. *Pract Radiat Oncol*. 2015 Jan-Feb;5(1):e9-16. doi: 10.1016/j.prro.2014.03.012. Epub 2014 May 19. PubMed PMID: 25413424.

241: Inoue HK, Sato H, Suzuki Y, Saitoh J, Noda SE, Seto K, Torikai K, Sakurai H, Nakano T. Optimal hypofractionated conformal radiotherapy for large brain metastases in patients with high risk factors: a single-institutional prospective study. *Radiat Oncol*. 2014 Oct 17;9:231. doi: 10.1186/s13014-014-0231-5. PubMed PMID: 25322826; PubMed Central PMCID: PMC4203932.

242: Masuda Y, Yamamoto T, Akutsu H, Shiigai M, Masumoto T, Ishikawa E, Matsuda M, Matsumura A. Usefulness of subtraction of 3D T2 weighted image-DRIVE from contrast-enhanced 3D T1WI: preoperative evaluations of the neurovascular anatomy of patients with neurovascular compression syndrome. *AJNR Am J Neuroradiol*. 2015 Feb;36(2):317-22. doi: 10.3174/ajnr.A4130. Epub 2014 Oct 9. PubMed PMID: 25300986.

243: Takano S, Ishikawa E, Nakai K, Matsuda M, Masumoto T, Yamamoto T, Matsumura A. Bevacizumab in Japanese patients with malignant glioma: from basic research to clinical trial. *Onco Targets Ther*. 2014 Sep 5;7:1551-62. doi: 10.2147/OTT.S67621. eCollection 2014. Review. PubMed PMID: 25228814; PubMed Central PMCID: PMC4161529.

244: Kino H, Suzuki H, Nakamura K, Koiso T, Ito Y, Uemura K, Matsumura A. Clostridium difficile infection induced by pregabalin-associated agranulocytosis. *Intern Med*. 2014;53(18):2149-52. Epub 2014 Sep 15. PubMed PMID: 25224205.

245: Takano S, Ishikawa E, Matsuda M, Yamamoto T, Matsumura A. Interferon- β inhibits glioma

angiogenesis through downregulation of vascular endothelial growth factor and upregulation of interferon inducible protein 10. *Int J Oncol*. 2014 Nov;45(5):1837-46. doi: 10.3892/ijo.2014.2620. Epub 2014 Aug 25. PubMed PMID: 25175315; PubMed Central PMCID: PMC4203325.

246: Shibata T, Musha T, Kubo M, Horie Y, Asahi T, Kuwayama N, Kuroda S, Hayashi K, Kobayashi Y, Tanaka M, Matsuzaki H, Asada T. Neuronal activity topography parameters as a marker for differentiating vascular cognitive impairment in carotid stenosis. *J Stroke Cerebrovasc Dis*. 2014 Oct;23(9):2384-90. doi: 10.1016/j.jstrokecerebrovasdis.2014.05.022. Epub 2014 Aug 28. PubMed PMID: 25174560.

247: Yamamoto M, Kawabe T, Higuchi Y, Sato Y, Nariai T, Watanabe S, Barfod BE, Kasuya H. Validity of prognostic grading indices for brain metastases patients undergoing repeat radiosurgery. *World Neurosurg*. 2014 Dec;82(6):1242-9. doi: 10.1016/j.wneu.2014.08.008. Epub 2014 Aug 8. PubMed PMID: 25109592.

248: Yazaki Y, Oyane A, Tsurushima H, Araki H, Sogo Y, Ito A, Yamazaki A. Improved gene transfer efficiency of a DNA-lipid-apatite composite layer by controlling the layer molecular composition. *Colloids Surf B Biointerfaces*. 2014 Oct 1;122:465-471. doi: 10.1016/j.colsurfb.2014.07.001. Epub 2014 Jul 9. PubMed PMID: 25096721.

249: Matsuda M, Onuma K, Satomi K, Nakai K, Yamamoto T, Matsumura A. Exophytic cerebellar glioblastoma in the cerebellopontine angle: case report and review of the literature. *J Neurol Surg Rep*. 2014 Aug;75(1):e67-72. doi: 10.1055/s-0033-1364167. Epub 2014 Mar 12. PubMed PMID: 25083393; PubMed Central PMCID: PMC4110129.

250: Kino H, Suzuki H, Yamaguchi T, Notake S, Oishi T, Ito Y, Nakamura K, Miyazaki H, Matsumoto T, Uemura K, Matsumura A. Central nervous system infection caused by vancomycin-intermediate *Staphylococcus aureus* (SCCmec type IV, ST8). *J Infect Chemother*. 2014 Oct;20(10):643-6. doi: 10.1016/j.jiac.2014.06.008. Epub 2014 Jul 7. PubMed PMID: 25012468.

251: Matsumura A. Brain tumor pathology. Preface to special edition. *Brain Tumor Pathol*. 2014 Jul;31(3):155. doi: 10.1007/s10014-014-0196-y. PubMed PMID: 25001298.

252: Machino T, Murakoshi N, Sato A, Xu D, Hoshi T, Kimura T, Aonuma K. Anti-hypertensive effect of radiofrequency renal denervation in spontaneously hypertensive rats. *Life Sci*. 2014 Aug 21;110(2):86-92. doi: 10.1016/j.lfs.2014.06.015. Epub 2014 Jun 28. PubMed PMID: 24984216.

253: Nakao R, Yamamoto S, Yasumoto Y, Kadota K, Oishi K. Impact of denervation-induced muscle atrophy on housekeeping gene expression in mice. *Muscle Nerve*. 2015 Feb;51(2):276-81. doi: 10.1002/mus.24310. Epub 2014 Dec 23. PubMed PMID: 24910410.

254: Matsubara T, Akutsu H, Tanaka S, Yamamoto T, Ishikawa E, Matsumura A. A case of spontaneous cerebrospinal fluid rhinorrhea: Accurate detection of the leak point by magnetic resonance cisternography. *Surg Neurol Int*. 2014 Apr 19;5:54. doi: 10.4103/2152-7806.131105. eCollection 2014. PubMed PMID: 24872916; PubMed Central PMCID: PMC4033760.

255: Yoshida F, Yamamoto T, Nakai K, Zaboronok A, Matsuda M, Akutsu H, Ishikawa E, Shirakawa M, Matsumura A. Pretreatment with buthionine sulfoximine enhanced uptake and retention of BSH in brain tumor. *Appl Radiat Isot*. 2014 Jun;88:86-8. doi: 10.1016/j.apradiso.2014.02.025. Epub 2014 Mar 28. PubMed PMID: 24731546.

256: Koiso T, Akutsu H, Takano S, Yamamoto T, Ishikawa E, Okoshi Y, Matsumura A. Malignant lymphoma in the parasellar region. *Case Rep Med*. 2014;2014:747280. doi: 10.1155/2014/747280.

Epub 2014 Feb 10. PubMed PMID: 24660002; PubMed Central PMCID: PMC3934533.

257: Tsuda K, Tsurushima H, Takano S, Tsuboi K, Matsumura A. Brain metastases from papillary thyroid carcinomas. *Mol Clin Oncol*. 2013 Sep;1(5):817-819. Epub 2013 Jun 26. PubMed PMID: 24649252; PubMed Central PMCID: PMC3915683.

258: Kumada H, Matsumura A, Sakurai H, Sakae T, Yoshioka M, Kobayashi H, Matsumoto H, Kiyanagi Y, Shibata T, Nakashima H. Project for the development of the linac based NCT facility in University of Tsukuba. *Appl Radiat Isot*. 2014 Jun;88:211-5. doi: 10.1016/j.apradiso.2014.02.018. Epub 2014 Feb 22. PubMed PMID: 24637084.

259: Watanabe S, Yamamoto T, Satomi K, Matsuda M, Akutsu H, Ishikawa E, Matsumura A. Comparison of magnetic resonance imaging with invasive histological findings of Langerhans cell histiocytosis. *Brain Tumor Pathol*. 2014 Jul;31(3):182-6. doi: 10.1007/s10014-014-0182-4. Epub 2014 Mar 7. PubMed PMID: 24604297.

260: Kudo D, Furukawa H, Nakagawa A, Abe Y, Washio T, Arafune T, Sato D, Yamanouchi S, Ochi S, Tominaga T, Kushimoto S. Reliability of telecommunications systems following a major disaster: survey of secondary and tertiary emergency institutions in Miyagi Prefecture during the acute phase of the 2011 Great East Japan Earthquake. *Prehosp Disaster Med*. 2014 Apr;29(2):204-8. doi: 10.1017/S1049023X14000119. Epub 2014 Feb 21. PubMed PMID: 24555870.

261: Ishikawa E, Yamamoto T, Satomi K, Matsuda M, Akutsu H, Shibuya M, Nakai K, Sakamoto N, Takano S, Matsumura A. Intraoperative pathological diagnosis in 205 glioma patients in the pre-BCNU wafer era: retrospective analysis with intraoperative implantation of BCNU wafers in mind. *Brain Tumor Pathol*. 2014 Jul;31(3):156-61. doi: 10.1007/s10014-014-0177-1. Epub 2014 Feb 18. PubMed PMID: 24535160.

262: Gonda DD, Kim TE, Goetsch SJ, Kawabe T, Watanabe S, Alksne JF, Hattangadi JA, Nitta M, Ott K, Hodgins DW, Carter BS, Yamamoto M, Chen CC. Prognostic factors for stereotactic radiosurgery-treated patients with cerebral metastases: implications on randomised control trial design and inter-institutional collaboration. *Eur J Cancer*. 2014 Apr;50(6):1148-58. doi: 10.1016/j.ejca.2014.01.001. Epub 2014 Feb 12. PubMed PMID: 24529832.

263: Yamamoto Y, Yamamoto T, Horiguchi Y, Shirakawa M, Satoh T, Koka M, Nagasaki Y, Nakai K, Matsumura A. Intra-tumor distribution of metallofullerene using micro-particle induced X-ray emission (PIXE). *Appl Radiat Isot*. 2014 Jun;88:114-7. doi: 10.1016/j.apradiso.2013.12.037. Epub 2014 Jan 8. PubMed PMID: 24491681.

264: Kageji T, Mizobuchi Y, Nagahiro S, Nakagawa Y, Kumada H. Correlation between radiation dose and histopathological findings in patients with glioblastoma treated with boron neutron capture therapy (BNCT). *Appl Radiat Isot*. 2014 Jun;88:20-2. doi: 10.1016/j.apradiso.2013.12.014. Epub 2013 Dec 25. PubMed PMID: 24480727.

265: Uemae Y, Ishikawa E, Osuka S, Matsuda M, Sakamoto N, Takano S, Nakai K, Yamamoto T, Matsumura A. CXCL12 secreted from glioma stem cells regulates their proliferation. *J Neurooncol*. 2014 Mar;117(1):43-51. doi: 10.1007/s11060-014-1364-y. Epub 2014 Jan 19. PubMed PMID: 24442483.

266: Takada T, Tamura M, Yamamoto T, Matsui H, Matsumura A. Selective accumulation of hematoporphyrin derivative in glioma through proton-coupled folate transporter SLC46A1. *J Clin Biochem Nutr*. 2014 Jan;54(1):26-30. doi: 10.3164/jcbn.13-87. Epub 2013 Dec 20. PubMed PMID: 24426187; PubMed Central PMCID: PMC3882491.

267: Tsuruta W, Matsumaru Y, Miyachi S, Sakai N. Endovascular treatment of spinal vascular lesion in Japan: Japanese Registry of Neuroendovascular Therapy (JR-NET) and JR-NET2. *Neurol Med Chir* (Tokyo). 2014;54(1):72-8. Epub 2013 Dec 5. PubMed PMID: 24305018; PubMed Central PMCID: PMC4508696.

268: Zaboronok A, Isobe T, Yamamoto T, Sato E, Takada K, Sakae T, Tsurushima H, Matsumura A. Proton beam irradiation stimulates migration and invasion of human U87 malignant glioma cells. *J Radiat Res*. 2014 Mar 1;55(2):283-7. doi: 10.1093/jrr/rrt119. Epub 2013 Nov 1. PubMed PMID: 24187331; PubMed Central PMCID: PMC3951081.

269: Sakamoto N, Ishikawa E, Aoki K, Uemae Y, Komatsu Y, Matsumura A. Clinical outcomes of intracerebral hemorrhage in hemodialysis patients. *World Neurosurg*. 2014 Mar-Apr;81(3-4):538-42. doi: 10.1016/j.wneu.2013.10.033. Epub 2013 Oct 16. PubMed PMID: 24141001.

270: Izumida Y, Yahagi N, Takeuchi Y, Nishi M, Shikama A, Takarada A, Masuda Y, Kubota M, Matsuzaka T, Nakagawa Y, Iizuka Y, Itaka K, Kataoka K, Shioda S, Nijima A, Yamada T, Katagiri H, Nagai R, Yamada N, Kadowaki T, Shimano H. Glycogen shortage during fasting triggers liver-brain-adipose neurocircuitry to facilitate fat utilization. *Nat Commun*. 2013;4:2316. doi: 10.1038/ncomms3316. Erratum in: *Nat Commun*. 2013;4:2930. PubMed PMID: 23939267; PubMed Central PMCID: PMC3753545.

271: Onuma K, Ishikawa E, Matsuda M, Hirata K, Osuka S, Yamamoto T, Masumoto T, Zaboronok A, Matsumura A. Clinical characteristics and neuroimaging findings in 12 cases of Glioblastoma recurrence with communicating hydrocephalus. *Neurol Med Chir* (Tokyo). 2013;53(7):474-81. PubMed PMID: 23883558.

272: Shibata Y, Endo K. Evaluation of cerebral function using iomazenil SPECT for patients with traumatic brain injury. *Acta Neurochir Suppl*. 2013;118:255-8. doi: 10.1007/978-3-7091-1434-6_48. PubMed PMID: 23564143.

273: Takano S, Kimu H, Tsuda K, Osuka S, Nakai K, Yamamoto T, Ishikawa E, Akutsu H, Matsuda M, Matsumura A. Decrease in the apparent diffusion coefficient in peritumoral edema for the assessment of Glioblastoma recurrence treated by bevacizumab. *Acta Neurochir Suppl*. 2013;118:185-9. doi: 10.1007/978-3-7091-1434-6_34. PubMed PMID: 23564129.

274: Sato M, Nakai Y, Tsurushima H, Shiigai M, Masumoto T, Matsumura A. Risk factors of ischemic lesions related to cerebral angiography and neuro-interventional procedures. *Neurol Med Chir* (Tokyo). 2013;53(6):381-7. PubMed PMID: 23803616.

275: Kin H, Ishikawa E, Takano S, Ayuzawa S, Matsushita A, Muragaki Y, Aiyama H, Sakamoto N, Yamamoto T, Matsumura A. Language areas involving the inferior temporal cortex on intraoperative mapping in a bilingual patient with glioblastoma. *Neurol Med Chir* (Tokyo). 2013;53(4):256-8. PubMed PMID: 23615419.

276: Funayama T, Sakane M, Yoshizawa T, Takeuchi Y, Ochiai N. Tanycytic ependymoma of the filum terminale associated with multiple endocrine neoplasia type 1: first reported case. *Spine J*. 2013 Aug;13(8):e49-54. doi: 10.1016/j.spinee.2013.02.066. Epub 2013 Apr 3. PubMed PMID: 23562332.

277: Tuan Huynh NN, Hiroyoshi A, Shozo N, Takashi T, Hideo T, Akira M. Reversible focal radiological changes due to non-convulsive status epilepticus of the right parietooccipital lobe. *Turk Neurosurg*. 2013;23(2):278-81. doi: 10.5137/1019-5149.JTN.4870-11.0. PubMed PMID: 23546919.

278: Hara T, Matsuda M, Watanabe S, Nakai K, Yamamoto T, Matsumura A. Remote Cerebellar

Hemorrhage after Removal of a Supratentorial Glioma without Perioperative CSF Loss: A Case Report. *Case Rep Surg.* 2013;2013:305039. doi: 10.1155/2013/305039. Epub 2013 Feb 21. PubMed PMID: 23533910; PubMed Central PMCID: PMC3600142.

279: Sakamoto N, Akutsu H, Takano S, Yamamoto T, Matsumura A. Useful 'sliding-lock-knot' technique for suturing dural patch to prevent cerebrospinal fluid leakage after extended transsphenoidal surgery. *Surg Neurol Int.* 2013;4:19. doi: 10.4103/2152-7806.107546. Epub 2013 Feb 20. PubMed PMID: 23493948; PubMed Central PMCID: PMC3589849.

280: Sato M, Takigawa T, Shiigai M, Tamura G, Masumoto T, Nakai Y, Zaboronok A, Tsurushima H, Matsumura A. Spinal dural arteriovenous fistula with lipomyelodysplasia. *Neurol Med Chir (Tokyo).* 2013;53(2):107-9. PubMed PMID: 23438662.

281: Takahashi T, Ishikawa E, Masuda Y, Yamamoto T, Sato T, Shibuya M, Matsumura A. Mixed germ cell tumor with extensive yolk sac tumor elements in the frontal lobe of an adult. *Case Rep Surg.* 2012;2012:473790. doi: 10.1155/2012/473790. Epub 2012 Dec 24. PubMed PMID: 23326746; PubMed Central PMCID: PMC3540654.

282: Ito Y, Tsurushima H, Sato M, Ito A, Oyane A, Sogo Y, Matsumura A. Angiogenesis therapy for brain infarction using a slow-releasing drug delivery system for fibroblast growth factor 2. *Biochem Biophys Res Commun.* 2013 Mar 1;432(1):182-7. doi: 10.1016/j.bbrc.2013.01.013. Epub 2013 Jan 11. PubMed PMID: 23318176.

283: Matsubara T, Ayuzawa S, Aoki T, Fujiomto A, Osuka S, Matsumura A. The patient had a normal magnetic resonance imaging and temporal lobe epilepsy secondary to a porencephalic cyst but showed structural lesions (hippocampal sclerosis). *Epilepsy Behav Case Rep.* 2013 Sep 28;1:153-6. doi: 10.1016/j.ebcr.2013.08.005. eCollection 2013. PubMed PMID: 25667851; PubMed Central PMCID: PMC4150633.

284: Wang X, Ito A, Li X, Sogo Y, Hirose M, Oyane A, Tsurushima H. DNA-lipid-apatite composite layers enhance gene expression of mesenchymal stem cells. *Mater Sci Eng C Mater Biol Appl.* 2013 Jan 1;33(1):512-8. doi: 10.1016/j.msec.2012.09.023. Epub 2012 Oct 3. PubMed PMID: 25428103.

285: Hara T, Akutsu H, Yamamoto T, Ishikawa E, Matsuda M, Matsumura A. Cushing's disease presenting with gastrointestinal perforation: a case report. *Endocrinol Diabetes Metab Case Rep.* 2013;2013:130064. doi: 10.1530/EDM-13-0064. Epub 2013 Nov 18. PubMed PMID: 24616779; PubMed Central PMCID: PMC3922247.

286: Nakai Y, Ito Y, Sato M, Nakamura K, Shiigai M, Takigawa T, Suzuki K, Ikeda G, Ihara S, Okumura T, Mizumoto M, Tsuboi K, Matsumura A. Multimodality treatment for cerebral arteriovenous malformations: complementary role of proton beam radiotherapy. *Neurol Med Chir (Tokyo).* 2012;52(12):859-64. PubMed PMID: 23269039.

287: Sato M, Nakai Y, Takigawa T, Takano S, Matsumura A. Endoscopic third ventriculostomy for obstructive hydrocephalus caused by a large upper basilar artery aneurysm after coil embolization. *Neurol Med Chir (Tokyo).* 2012;52(11):832-4. PubMed PMID: 23183080.

288: Yazaki Y, Oyane A, Araki H, Sogo Y, Ito A, Yamazaki A, Tsurushima H. Fabrication of DNA-antibody-apatite composite layers for cell-targeted gene transfer. *Sci Technol Adv Mater.* 2012 Nov 8;13(6):064204. eCollection 2012 Dec. PubMed PMID: 27877531; PubMed Central PMCID: PMC5099764.

289: Muroi A, Takano S, Fukushima T, Shimizu T, Matsumura A. Intracranial germinoma manifesting as

cavernous sinus syndrome–case report. *Neurol Med Chir (Tokyo)*. 2012;52(10):754-6. PubMed PMID: 23095271.

290: Matsubara T, Akutsu H, Watanabe S, Nakai K, Ayuzawa S, Matsumura A. Histologically proven venous congestive myelopathy without concurrent vascular malformation: Case reports and review of the literature. *Surg Neurol Int*. 2012;3:87. doi: 10.4103/2152-7806.99922. Epub 2012 Aug 21. PubMed PMID: 23050201; PubMed Central PMCID: PMC3463142.

291: Tsuda K, Akutsu H, Yamamoto T, Ishikawa E, Saito A, Nakai K, Takano S, Matsumura A. Benign spinal meningioma without dural attachment presenting delayed CSF dissemination and malignant transformation. *Brain Tumor Pathol*. 2013 Jul;30(3):185-91. doi: 10.1007/s10014-012-0116-y. Epub 2012 Aug 23. PubMed PMID: 22915133.

292: Suzuki R, Takano S, Akutsu H, Satomi K, Morishita Y, Takahashi A, Noguchi M, Matsumura A. [Granular cell tumor of the neurohypophysis observed with hypoglycemic attack]. *No Shinkei Geka*. 2012 Aug;40(8):723-8. Japanese. PubMed PMID: 22824579.

293: Takada T, Yamamoto T, Ishikawa E, Zaboronok A, Kujiraoka Y, Akutsu H, Ihara S, Nakai K, Matsumura A. Acute subdural hematoma without subarachnoid hemorrhage caused by ruptured A1-A2 junction aneurysm. Case report. *Neurol Med Chir (Tokyo)*. 2012;52(6):430-4. PubMed PMID: 22729076.

294: Osuka S, Matsushita A, Ishikawa E, Saotome K, Yamamoto T, Marushima A, Satou N, Zaboronok A, Masumoto T, Matsumura A. Elevated diffusion anisotropy in gray matter and the degree of brain compression. *J Neurosurg*. 2012 Aug;117(2):363-71. doi: 10.3171/2012.4.JNS112305. Epub 2012 Jun 8. PubMed PMID: 22680241.

295: Takano S, Matsumura A. [Topics for antiangiogenic therapy for glioblastoma]. *No Shinkei Geka*. 2012 Jun;40(6):481-502. Review. Japanese. PubMed PMID: 22647508.

296: Masuda Y, Ishikawa E, Takahashi T, Ihara S, Yamamoto T, Zaboronok A, Matsumura A. Dual-port technique in navigation-guided endoscopic resection for intraparenchymal brain tumor. *Surg Neurol Int*. 2012;3:35. doi: 10.4103/2152-7806.94033. Epub 2012 Mar 19. PubMed PMID: 22530170; PubMed Central PMCID: PMC3326946.

297: Akutsu H, Takada T, Nakai K, Tsuda K, Sakane M, Aita I, Matsumura A. Surgical technique for idiopathic spinal cord herniation: the Hammock method. Technical note. *Neurol Med Chir (Tokyo)*. 2012;52(4):238-42. PubMed PMID: 22522340.

298: Sakamoto N, Uemae Y, Ishikawa E, Takano S, Nakai K, Yamamoto T, Zaboronok A, Matsumura A. Glioma immunotherapy with combined autologous tumor cell and endothelial cell vaccine in vivo. *Neurol Med Chir (Tokyo)*. 2012;52(4):194-201. PubMed PMID: 22522329.

299: Osuka S, Takano S, Watanabe S, Ishikawa E, Yamamoto T, Matsumura A. Valproic acid inhibits angiogenesis in vitro and glioma angiogenesis in vivo in the brain. *Neurol Med Chir (Tokyo)*. 2012;52(4):186-93. PubMed PMID: 22522328.

300: Onuma K, Ishikawa E, Matsuda M, Shibata Y, Satomi K, Yamamoto T, Zaboronok A, Takano S, Matsumura A. Navigation-guided endoscopic biopsy for pathological diagnosis for intraparenchymal pure germinoma near the ventricular trigone. *Surg Neurol Int*. 2012;3:9. doi: 10.4103/2152-7806.92177. Epub 2012 Jan 21. PubMed PMID: 22347677; PubMed Central PMCID: PMC3279989.

- 301: Takigawa T, Tsurushima H, Suzuki K, Tsuruta W, Nakamura K, Matsumura A. Cilostazol suppression of arterial intimal hyperplasia is associated with decreased expression of sialyl Lewis X homing receptors on mononuclear cells and E-selectin in endothelial cells. *J Vasc Surg*. 2012 Feb;55(2):506-16. doi: 10.1016/j.jvs.2011.07.087. PubMed PMID: 22264805.
- 302: Nakamura K, Tsurushima H, Marushima A, Nagano M, Yamashita T, Suzuki K, Ohneda O, Matsumura A. A subpopulation of endothelial progenitor cells with low aldehyde dehydrogenase activity attenuates acute ischemic brain injury in rats. *Biochem Biophys Res Commun*. 2012 Feb 3;418(1):87-92. doi: 10.1016/j.bbrc.2011.12.139. Epub 2012 Jan 5. PubMed PMID: 22244888.
- 303: Takano S. Glioblastoma angiogenesis: VEGF resistance solutions and new strategies based on molecular mechanisms of tumor vessel formation. *Brain Tumor Pathol*. 2012 Apr;29(2):73-86. doi: 10.1007/s10014-011-0077-6. Epub 2012 Jan 6. Review. PubMed PMID: 22218709.
- 304: Nakao J, Takano S, Watanabe S, Akutsu H, Matsushita A, Ishii K, Masumoto T, Matsumura A. [Intracerebral xanthogranuloma with specific MRI features: a case report]. *No Shinkei Geka*. 2011 Nov;39(11):1091-7. Japanese. PubMed PMID: 22036822.
- 305: Watanabe S, Takano S, Akutsu H, Sato H, Matsumura A. [Prolactinoma treatment status in the cabergoline era]. *No Shinkei Geka*. 2011 Nov;39(11):1045-54. Japanese. PubMed PMID: 22036815.
- 306: Tsuda K, Ishikawa E, Zaboronok A, Nakai K, Yamamoto T, Sakamoto N, Uemae Y, Tsurubuchi T, Akutsu H, Ihara S, Ayuzawa S, Takano S, Matsumura A. Navigation-guided endoscopic biopsy for intraparenchymal brain tumor. *Neurol Med Chir (Tokyo)*. 2011;51(10):694-700. Review. PubMed PMID: 22027244.
- 307: Marushima A, Tsurushima H, Suzuki K, Nakai Y, Nemoto H, Matsumura A. Time-course analysis of brain perfusion single photon emission computed tomography using a three-dimensional stereotactic region-of-interest template in patients with moyamoya disease. *World Neurosurg*. 2011 Sep-Oct;76(3-4):304-10. doi: 10.1016/j.wneu.2011.02.004. PubMed PMID: 21986429.
- 308: Ito Y, Okumura T, Suzuki K, Matsumura A, Tokuue K, Tsuboi K. Long-term outcome of proton beam radiosurgery for arteriovenous malformations larger than 30 mm in diameter. *Neurol Med Chir (Tokyo)*. 2011;51(9):624-9. PubMed PMID: 21946724.
- 309: Takigawa T, Matsumaru Y, Nakai Y, Nakamura K, Hayakawa M, Tsuruta W, Matsumura A. Bioactive coils cause headache and fever after endovascular treatment of intracranial aneurysms. *Headache*. 2012 Feb;52(2):312-21. doi: 10.1111/j.1526-4610.2011.01964.x. Epub 2011 Jul 28. PubMed PMID: 21797861.
- 310: Aiyama H, Nakai K, Yamamoto T, Nariai T, Kumada H, Ishikawa E, Isobe T, Endo K, Takada T, Yoshida F, Shibata Y, Matsumura A. A clinical trial protocol for second line treatment of malignant brain tumors with BNCT at University of Tsukuba. *Appl Radiat Isot*. 2011 Dec;69(12):1819-22. doi: 10.1016/j.apradiso.2011.04.031. Epub 2011 Jul 20. PubMed PMID: 21778066.
- 311: Arimoto T, Tada H, Igarashi M, Sekiguchi Y, Sato A, Koyama T, Yamasaki H, Machino T, Kuroki K, Kuga K, Aonuma K. High washout rate of iodine-123-metaiodobenzylguanidine imaging predicts the outcome of catheter ablation of atrial fibrillation. *J Cardiovasc Electrophysiol*. 2011 Dec;22(12):1297-304. doi: 10.1111/j.1540-8167.2011.02123.x. Epub 2011 Jun 21. PubMed PMID: 21692898.
- 312: Machida M, Takeda K, Yokono H, Ikemune S, Taniguchi Y, Kiyosawa H, Takemasa T. Reduction of ribosome biogenesis with activation of the mTOR pathway in denervated atrophic muscle. *J Cell*

Physiol. 2012 Apr;227(4):1569-76. doi: 10.1002/jcp.22871. PubMed PMID: 21678406.

313: Hara Y, Nishiura Y, Ochiai N, Sharula, Nakajima Y, Kubota S, Saijilafu, Mishima H. New treatment for peripheral nerve defects: reconstruction of a 2 cm, monkey median nerve gap by direct lengthening of both nerve stumps. J Orthop Res. 2012 Jan;30(1):153-61. doi: 10.1002/jor.21476. Epub 2011 Jun 10. PubMed PMID: 21671264.

314: Nakai K, Yamamoto T, Aiyama H, Takada T, Yoshida F, Kageji T, Kumada H, Isobe T, Endo K, Matsuda M, Tsurubuchi T, Shibata Y, Takano S, Mizumoto M, Tsuboi K, Matsumura A. Boron neutron capture therapy combined with fractionated photon irradiation for glioblastoma: a recursive partitioning analysis of BNCT patients. Appl Radiat Isot. 2011 Dec;69(12):1790-2. doi: 10.1016/j.apradiso.2011.03.049. Epub 2011 May 5. PubMed PMID: 21565517.

315: Sakamoto N, Ishikawa E, Yamamoto T, Satomi K, Nakai K, Sato M, Enomoto T, Morishita Y, Takano S, Ohno T, Tsuboi K, Matsumura A. Pathological changes after autologous formalin-fixed tumor vaccine therapy combined with temozolomide for glioblastoma - three case reports - . Neurol Med Chir (Tokyo). 2011;51(4):319-25. PubMed PMID: 21515959.

316: Tsuda K, Ishikawa E, Saito A, Satomi K, Sakata A, Takano S, Morishita Y, Noguchi M, Matsumura A. Primary cerebellar pilocytic astrocytoma with anaplastic features in a patient with neurofibromatosis type 1 - case report - . Neurol Med Chir (Tokyo). 2011;51(4):315-8. PubMed PMID: 21515958.

317: Matsuda M, Yamamoto T, Ishikawa E, Nakai K, Zaboronok A, Takano S, Matsumura A. Prognostic factors in glioblastoma multiforme patients receiving high-dose particle radiotherapy or conventional radiotherapy. Br J Radiol. 2011 Dec;84 Spec No 1:S54-60. doi: 10.1259/bjr/29022270. Epub 2011 Mar 22. PubMed PMID: 21427185; PubMed Central PMCID: PMC3473893.

318: Shibata Y. A remote desktop-based telemedicine system. J Clin Neurosci. 2011 May;18(5):661-3. doi: 10.1016/j.jocn.2010.10.005. PubMed PMID: 21414791.

319: Yamamoto T, Nakai K, Nariai T, Kumada H, Okumura T, Mizumoto M, Tsuboi K, Zaboronok A, Ishikawa E, Aiyama H, Endo K, Takada T, Yoshida F, Shibata Y, Matsumura A. The status of Tsukuba BNCT trial: BPA-based boron neutron capture therapy combined with X-ray irradiation. Appl Radiat Isot. 2011 Dec;69(12):1817-8. doi: 10.1016/j.apradiso.2011.02.013. Epub 2011 Feb 15. PubMed PMID: 21393005.

320: Takano S, Tian W, Matsuda M, Yamamoto T, Ishikawa E, Kaneko MK, Yamazaki K, Kato Y, Matsumura A. Detection of IDH1 mutation in human gliomas: comparison of immunohistochemistry and sequencing. Brain Tumor Pathol. 2011 Apr;28(2):115-23. doi: 10.1007/s10014-011-0023-7. Epub 2011 Feb 23. Erratum in: Brain Tumor Pathol. 2011 Apr;28(2):125. PubMed PMID: 21344322.

321: Marushima A, Suzuki K, Nagasaki Y, Yoshitomi T, Toh K, Tsurushima H, Hirayama A, Matsumura A. Newly synthesized radical-containing nanoparticles enhance neuroprotection after cerebral ischemia-reperfusion injury. Neurosurgery. 2011 May;68(5):1418-25; discussion 1425-6. doi: 10.1227/NEU.0b013e31820c02d9. PubMed PMID: 21273921.

322: Muroi A, Takano S, Satomi K, Matsumura A. Epileptogenic glioma in a 4-year-old child: a case report. Brain Tumor Pathol. 2010 Oct;27(2):127-31. doi: 10.1007/s10014-010-0274-8. Epub 2010 Nov 3. PubMed PMID: 21046316.

323: Takano S, Mashiko R, Osuka S, Ishikawa E, Ohneda O, Matsumura A. Detection of failure of bevacizumab treatment for malignant glioma based on urinary matrix metalloproteinase activity.

Brain Tumor Pathol. 2010 Oct;27(2):89-94. doi: 10.1007/s10014-010-0271-y. Epub 2010 Nov 3. PubMed PMID: 21046310.

324: Ishikawa E, Yamamoto T, Sakamoto N, Nakai K, Akutsu H, Tsuboi K, Takano S, Matsumura A. Low peripheral lymphocyte count before focal radiotherapy plus concomitant temozolomide predicts severe lymphopenia during malignant glioma treatment. *Neurol Med Chir (Tokyo)*. 2010;50(8):638-44. PubMed PMID: 20805645.

325: Oshiro Y, Aruga T, Tsuboi K, Marino K, Hara R, Sanayama Y, Itami J. Stereotactic body radiotherapy for lung tumors at the pulmonary hilum. *Strahlenther Onkol*. 2010 May;186(5):274-9. doi: 10.1007/s00066-010-2072-y. Epub 2010 Apr 26. PubMed PMID: 20437017.

326: Ikeda G, Asakawa H, Tsunoda T, Kobayashi E, Yanaka K. [Case of caudal paramedian midbrain syndrome]. *Brain Nerve*. 2010 Apr;62(4):442-3. Japanese. PubMed PMID: 20420186.

327: Takano S, Yamashita T, Ohneda O. Molecular therapeutic targets for glioma angiogenesis. *J Oncol*. 2010;2010:351908. doi: 10.1155/2010/351908. Epub 2010 Apr 18. PubMed PMID: 20414463; PubMed Central PMCID: PMC2857608.

328: Takano S, Kamiyama H, Mashiko R, Osuka S, Ishikawa E, Matsumura A. Metronomic treatment of malignant glioma xenografts with irinotecan (CPT-11) inhibits angiogenesis and tumor growth. *J Neurooncol*. 2010 Sep;99(2):177-85. doi: 10.1007/s11060-010-0118-8. Epub 2010 Jan 12. PubMed PMID: 20066473.

329: Tsurushima H, Marushima A, Suzuki K, Oyane A, Sogo Y, Nakamura K, Matsumura A, Ito A. Enhanced bone formation using hydroxyapatite ceramic coated with fibroblast growth factor-2. *Acta Biomater*. 2010 Jul;6(7):2751-9. doi: 10.1016/j.actbio.2009.12.045. Epub 2010 Jan 4. PubMed PMID: 20045091.

330: Shibata Y, Matsuda M, Suzuki K, Matsumura A. Cystic neurohypophysial germinoma associated with moyamoya disease. *Neurol Sci*. 2010 Apr;31(2):189-92. doi: 10.1007/s10072-009-0172-1. Epub 2009 Oct 30. PubMed PMID: 19876590.

331: Ishikawa E, Yamamoto M, Saito A, Kujiraoka Y, Iijima T, Akutsu H, Matsumura A. Delayed cyst formation after gamma knife radiosurgery for brain metastases. *Neurosurgery*. 2009 Oct;65(4):689-94; discussion 694-5. doi: 10.1227/01.NEU.0000351771.46273.22. PubMed PMID: 19834373.

332: Tanaka M, Shimbo T, Kikuchi Y, Matsuda M, Kaneda Y. Sterile alpha motif containing domain 9 is involved in death signaling of malignant glioma treated with inactivated Sendai virus particle (HVJ-E) or type I interferon. *Int J Cancer*. 2010 Apr 15;126(8):1982-1991. doi: 10.1002/ijc.24965. PubMed PMID: 19830690.

333: Ito Y, Takano S, Muroi A, Matsumura A. [Massive subarachnoid hemorrhage and intraventricular hemorrhage after transsphenoidal surgery of pituitary neuroendocrine tumor: a case report]. *No Shinkei Geka*. 2009 Sep;37(9):887-92. Japanese. PubMed PMID: 19764423.

334: Osuka S, Matsushita A, Yamamoto T, Saotome K, Isobe T, Nagatomo Y, Masumoto T, Komatsu Y, Ishikawa E, Matsumura A. Evaluation of ventriculomegaly using diffusion tensor imaging: correlations with chronic hydrocephalus and atrophy. *J Neurosurg*. 2010 Apr;112(4):832-9. doi: 10.3171/2009.7.JNS09550. PubMed PMID: 19698041.

335: Yamamoto T, Suzuki K, Yamazaki T, Tsuruta W, Tsurubuchi T, Matsumura A. Persistent primitive

olfactory artery aneurysm. *Neurol Med Chir (Tokyo)*. 2009 Jul;49(7):303-5. PubMed PMID: 19633402.

336: Tsurubuchi T, Zaboronok A, Yamamoto T, Nakai K, Yoshida F, Shirakawa M, Matsuda M, Matsumura A. The optimization of fluorescence imaging of brain tumor tissue differentiated from brain edema-in vivo kinetic study of 5-aminolevulinic acid and talaporfin sodium. *Photodiagnosis Photodyn Ther*. 2009 Mar;6(1):19-27. doi: 10.1016/j.pdpdt.2009.03.005. Epub 2009 May 5. Erratum in: *Photodiagnosis Photodyn Ther*. 2017 Jun;18:351. Zaboronok, Alexander [corrected to Zaboronok, Alexander]. PubMed PMID: 19447368.

337: Watanabe Y, Kajiwarra R, Takashima I. Optical imaging of rat prefrontal neuronal activity evoked by stimulation of the ventral tegmental area. *Neuroreport*. 2009 Jun 17;20(9):875-80. doi: 10.1097/WNR.0b013e32832c5e98. PubMed PMID: 19417692.

338: Tsurubuchi T, Yamamoto T, Nakai K, Zaboronok A, Yoshida F, Miyakawa M, Shirakawa M, Yamamoto Y, Matsuda M, Matsumura A. Intracellular uptake of a new boronated porphyrin EC032. *Appl Radiat Isot*. 2009 Jul;67(7-8 Suppl):S94-6. doi: 10.1016/j.apradiso.2009.03.098. Epub 2009 Mar 31. PubMed PMID: 19410469.

339: Yamamoto Y, Isobe T, Yamamoto T, Shibata Y, Anno I, Nakai K, Shirakawa M, Matsushita A, Sato E, Matsumura A. T2 corrected quantification method of L-p-boronophenylalanine using proton magnetic resonance spectroscopy for boron neutron capture therapy. *Appl Radiat Isot*. 2009 Jul;67(7-8 Suppl):S345-7. doi: 10.1016/j.apradiso.2009.03.060. Epub 2009 Mar 27. PubMed PMID: 19406648.

340: Nakai K, Kumada H, Yamamoto T, Tsurubuchi T, Zaboronok A, Matsumura A. Feasibility of boron neutron capture therapy for malignant spinal tumors. *Appl Radiat Isot*. 2009 Jul;67(7-8 Suppl):S43-6. doi: 10.1016/j.apradiso.2009.03.089. Epub 2009 Mar 28. PubMed PMID: 19376723.

341: Matsuda M, Yamamoto T, Kumada H, Nakai K, Shirakawa M, Tsurubuchi T, Matsumura A. Dose distribution and clinical response of glioblastoma treated with boron neutron capture therapy. *Appl Radiat Isot*. 2009 Jul;67(7-8 Suppl):S19-21. doi: 10.1016/j.apradiso.2009.03.054. Epub 2009 Mar 27. PubMed PMID: 19375933.

342: Yamamoto T, Nakai K, Tsurubuchi T, Matsuda M, Shirakawa M, Zaboronok A, Endo K, Matsumura A. Boron neutron capture therapy for newly diagnosed glioblastoma: a pilot study in Tsukuba. *Appl Radiat Isot*. 2009 Jul;67(7-8 Suppl):S25-6. doi: 10.1016/j.apradiso.2009.03.011. Epub 2009 Mar 24. PubMed PMID: 19375927.

343: Matsumura A, Yamamoto T, Tsurubuchi T, Matsuda M, Shirakawa M, Nakai K, Endo K, Tokue K, Tsuboi K. Current practices and future directions of therapeutic strategy in glioblastoma: survival benefit and indication of BNCT. *Appl Radiat Isot*. 2009 Jul;67(7-8 Suppl):S12-4. doi: 10.1016/j.apradiso.2009.03.010. Epub 2009 Mar 24. PubMed PMID: 19375923.

344: Yamamoto T, Nakai K, Kageji T, Kumada H, Endo K, Matsuda M, Shibata Y, Matsumura A. Boron neutron capture therapy for newly diagnosed glioblastoma. *Radiother Oncol*. 2009 Apr;91(1):80-4. doi: 10.1016/j.radonc.2009.02.009. Epub 2009 Mar 11. PubMed PMID: 19285355.

345: Marushima A, Matsumaru Y, Suzuki K, Takigawa T, Kujiraoka Y, Anno I, Matsumura A. Selective arterial embolization with n-butyl cyanoacrylate in the treatment of aneurysmal bone cyst of the thoracic vertebra: a case report. *Spine (Phila Pa 1976)*. 2009 Mar 15;34(6):E230-4. doi: 10.1097/BRS.0b013e31818f8f7c. PubMed PMID: 19282730.

346: Hirano M, Shibato J, Rakwal R, Kouyama N, Katayama Y, Hayashi M, Masuo Y. Transcriptomic

analysis of rat brain tissue following gamma knife surgery: early and distinct bilateral effects in the un-irradiated striatum. *Mol Cells*. 2009 Feb 28;27(2):263-8. doi: 10.1007/s10059-009-0032-0. Epub 2009 Feb 20. PubMed PMID: 19277511.

347: Shibata Y, Yamamoto T, Takano S, Katayama W, Takeda T, Matsumura A. Direct comparison of thallium-201 and technetium-99m MIBI SPECT of a glioma by receiver operating characteristic analysis. *J Clin Neurosci*. 2009 Feb;16(2):264-9. doi: 10.1016/j.jocn.2008.04.010. Epub 2008 Dec 11. PubMed PMID: 19084414.

348: Yue Q, Shibata Y, Isobe T, Anno I, Kawamura H, Gong QY, Matsumura A. Absolute choline concentration measured by quantitative proton MR spectroscopy correlates with cell density in meningioma. *Neuroradiology*. 2009 Jan;51(1):61-7. doi: 10.1007/s00234-008-0461-z. Epub 2008 Nov 11. PubMed PMID: 19002445.

349: Tsurubuchi T, Yamamoto T, Tsukada Y, Matsuda M, Nakai K, Matsumura A. Meningioma associated with Werner syndrome—case report—. *Neurol Med Chir (Tokyo)*. 2008 Oct;48(10):470-3. PubMed PMID: 18948683.

350: Satsumae T, Tanaka M, Saito S, Inomata S. Convulsions after ropivacaine 300 mg for brachial plexus block. *Br J Anaesth*. 2008 Dec;101(6):860-2. doi: 10.1093/bja/aen297. Epub 2008 Oct 19. Review. PubMed PMID: 18936039.

351: Tsuruta W, Tsurushima H, Yamamoto T, Suzuki K, Yamazaki N, Matsumura A. Application of liposomes incorporating doxorubicin with sialyl Lewis X to prevent stenosis after rat carotid artery injury. *Biomaterials*. 2009 Jan;30(1):118-25. doi: 10.1016/j.biomaterials.2008.09.009. Epub 2008 Oct 7. PubMed PMID: 18842296.

352: Tsuruta W, Matsumaru Y, Suzuki K, Takigawa T, Matsumura A. A useful side-hole on a guiding catheter for transvenous embolization of a transverse-sigmoid sinus dural arteriovenous fistula. *Neurosurgery*. 2008 Jul;63(1 Suppl 1):ONSE91-2; discussion ONSE92. doi: 10.1227/01.neu.0000335019.06488.45. PubMed PMID: 18728614.

353: Yue Q, Isobe T, Shibata Y, Anno I, Kawamura H, Yamamoto Y, Takano S, Matsumura A. New observations concerning the interpretation of magnetic resonance spectroscopy of meningioma. *Eur Radiol*. 2008 Dec;18(12):2901-11. doi: 10.1007/s00330-008-1079-6. Epub 2008 Jul 19. PubMed PMID: 18641997.

354: Ikeda O, Ozaki M, Murata S, Matsuo R, Nakano Y, Watanabe M, Hisakura K, Myronovych A, Kawasaki T, Kohno K, Ohkohchi N. Autonomic regulation of liver regeneration after partial hepatectomy in mice. *J Surg Res*. 2009 Apr;152(2):218-23. doi: 10.1016/j.jss.2008.02.059. Epub 2008 Mar 27. PubMed PMID: 18621395.

355: Yamamoto T, Enomoto T, Matsumura A. Percutaneous transesophageal gastrotubing: alternative tube nutrition for a patient with a ventriculoperitoneal shunt. *Surg Neurol*. 2009 Sep;72(3):278-9; discussion 280. doi: 10.1016/j.surneu.2008.04.029. Epub 2008 Jul 9. PubMed PMID: 18617229.

356: Takano S, Osuka S, Mashiko R, Matsumura A. [Case report of germinoma with synchronous lesions in the thalamus and para lateral ventricle]. *No Shinkei Geka*. 2008 Jun;36(6):541-5. Japanese. PubMed PMID: 18548896.

357: Yamamoto T, Nakai K, Matsumura A. Boron neutron capture therapy for glioblastoma. *Cancer Lett*. 2008 Apr 18;262(2):143-52. doi: 10.1016/j.canlet.2008.01.021. Epub 2008 Mar 4. Review. PubMed PMID: 18313207.

- 358: Suzuki K, Muroi A, Kujiraoka Y, Takano S, Matsumura A. Oculomotor palsy treated by microvascular decompression. *Surg Neurol.* 2008 Aug;70(2):210-2. doi: 10.1016/j.surneu.2007.04.001. Epub 2008 Feb 11. PubMed PMID: 18262620.
- 359: Shutoh F, Ina A, Yoshida S, Konno J, Hisano S. Two distinct subtypes of serotonergic fibers classified by co-expression with vesicular glutamate transporter 3 in rat forebrain. *Neurosci Lett.* 2008 Feb 20;432(2):132-6. doi: 10.1016/j.neulet.2007.12.050. Epub 2007 Dec 28. PubMed PMID: 18222609.
- 360: Tsuruta W, Yamamoto T, Suzuki K, Yoshida F, Matsumura A. Simple new method for making a rat carotid artery post-angioplasty stenosis model. *Neurol Med Chir (Tokyo).* 2007 Nov;47(11):525-9. PubMed PMID: 18037810.
- 361: Shibata Y. Boron distribution in the normal rat brain after intravenous injection of boronophenylalanine-fructose. *J Neurooncol.* 2008 Mar;87(1):35-41. Epub 2007 Nov 20. PubMed PMID: 18026910.
- 362: Nagakura Y, Kakimoto S, Matsuoka N. Purinergic P2X receptor activation induces emetic responses in ferrets and *Suncus murinus* (house musk shrews). *Br J Pharmacol.* 2007 Oct;152(4):464-70. Epub 2007 Aug 13. PubMed PMID: 17700716; PubMed Central PMCID: PMC2050822.
- 363: Hirano M, Rakwal R, Kouyama N, Katayama Y, Hayashi M, Shibato J, Ogawa Y, Yoshida Y, Iwahashi H, Masuo Y. Gel-based proteomics of unilateral irradiated striatum after gamma knife surgery. *J Proteome Res.* 2007 Jul;6(7):2656-68. Epub 2007 Jun 12. PubMed PMID: 17564426.
- 364: Shibata Y, Kruskal JB, Palmer MR. Imaging of cerebrospinal fluid space and movement of hydrocephalus mice using near infrared fluorescence. *Neurol Sci.* 2007 Apr;28(2):87-92. PubMed PMID: 17464471.
- 365: Osuka S, Takano S, Enomoto T, Ishikawa E, Tsuboi K, Matsumura A. Endoscopic observation of pathophysiology of ventricular diverticulum. *Childs Nerv Syst.* 2007 Aug;23(8):897-900. Epub 2007 Mar 27. PubMed PMID: 17387491.
- 366: Endo K, Hori T, Abe S, Asada T. Alterations in GABA(A) receptor expression in neonatal ventral hippocampal lesioned rats: comparison of prepubertal and postpubertal periods. *Synapse.* 2007 Jun;61(6):357-66. PubMed PMID: 17372969.
- 367: Osuka S, Tsuboi K, Takano S, Ishikawa E, Matsushita A, Tokuyue K, Akine Y, Matsumura A. Long-term outcome of patients with intracranial germinoma. *J Neurooncol.* 2007 May;83(1):71-9. Epub 2007 Jan 24. PubMed PMID: 17245622.
- 368: Uemura K, Matsumura A, Isobe T, Anno I, Kawamura H, Minami M, Tsukada A. Perfusion-weighted magnetic resonance imaging of the spinal cord in cervical spondylotic myelopathy. *Neurol Med Chir (Tokyo).* 2006 Dec;46(12):581-8. PubMed PMID: 17185883.
- 369: Nakai K, Yamamoto T, Yasuda S, Matsumura A. Brain abscess following Intracerebral hemorrhage. *J Clin Neurosci.* 2006 Dec;13(10):1047-51. PubMed PMID: 17113989.
- 370: Tsuboi K, Matsuda W, Nakamura K, Takano S, Matsumura A. Excision of juvenile pilocytic astrocytoma of the midbrain after radiotherapy. *Pediatr Neurosurg.* 2006;42(5):311-5. PubMed PMID: 16902345.
- 371: Endo K, Yamamoto T, Shibata Y, Tsuboi K, Matsumura A, Kumada H, Yamamoto K, Sakai T, Sato

- T, Oikawa M, Ohara Y, Ishii K. Demonstration of inter- and intracellular distribution of boron and gadolinium using micro-proton-induced X-ray emission (Micro-PIXE). *Oncol Res.* 2006;16(2):57-65. PubMed PMID: 16898266.
- 372: Takano S, Matsumura A. [Anti-angiogenesis treatment for brain tumors: present and future]. *No Shinkei Geka.* 2006 Jul;34(7):657-78. Review. Japanese. PubMed PMID: 16841703.
- 373: Musatov S, Chen W, Pfaff DW, Kaplitt MG, Ogawa S. RNAi-mediated silencing of estrogen receptor {alpha} in the ventromedial nucleus of hypothalamus abolishes female sexual behaviors. *Proc Natl Acad Sci U S A.* 2006 Jul 5;103(27):10456-10460. doi: 10.1073/pnas.0603045103. Epub 2006 Jun 27. PubMed PMID: 16803960; PubMed Central PMCID: PMC1502479.
- 374: Yamazaki T, Suzuki K, Yanaka K, Matsumura A. Dynamic computed tomography myelography for the investigation of cervical degenerative disease. *Neurol Med Chir (Tokyo).* 2006 Apr;46(4):210-5; discussion 215-6. PubMed PMID: 16636515.
- 375: Uemura K, Matsumura A. [Surgical anatomy and approaches in degenerative lumbar diseases]. *No Shinkei Geka.* 2006 Mar;34(3):255-65. Review. Japanese. PubMed PMID: 16529019.
- 376: Tsuboi K, Matsumura A, Nose T. [Transcranial approach to orbital tumor]. *No Shinkei Geka.* 2006 Jan;34(1):17-28. Japanese. PubMed PMID: 16440693.
- 377: Marushima A, Yanaka K, Matsuki T, Kojima H, Nose T. Subarachnoid hemorrhage not due to ruptured aneurysm in moyamoya disease. *J Clin Neurosci.* 2006 Jan;13(1):146-9. PubMed PMID: 16410219.
- 378: Kinugasa T, Kudo N, Ozaki S. Peripheral targets influence sensory-motor connectivity in the neonatal spinal cord: sciatic nerve axotomy in Bax-deficient mice. *Neurosci Res.* 2006 Jan;54(1):30-7. Epub 2005 Nov 14. PubMed PMID: 16290239.
- 379: Yanaka K, Shibata T, Ono K. [Comprehensive approach from the standpoint of medical and traffic factors]. *No Shinkei Geka.* 2005 Nov;33(11):1047-54. Japanese. PubMed PMID: 16277218.
- 380: Ito Y, Suzuki K, Yamazaki T, Yoshizawa T, Ohkoshi N, Matsumura A. ANCA-associated vasculitis (AAV) causing bilateral cerebral infarction and subsequent intracerebral hemorrhage without renal and respiratory dysfunction. *J Neurol Sci.* 2006 Jan 15;240(1-2):99-101. Epub 2005 Nov 7. PubMed PMID: 16274697.
- 381: Kamiyama H, Takano S, Ishikawa E, Tsuboi K, Matsumura A. Anti-angiogenic and immunomodulatory effect of the herbal medicine "Juzen-taiho-to" on malignant glioma. *Biol Pharm Bull.* 2005 Nov;28(11):2111-6. PubMed PMID: 16272699.
- 382: Ito Y, Tsuboi K, Akutsu H, Ihara S, Matsumura A. Advanced Chiari malformation type I with marked spinal cord atrophy. Case report. *J Neurosurg Spine.* 2005 Oct;3(4):324-7. PubMed PMID: 16266075.
- 383: Matsumura A, Yamamoto T. [Charged particle therapy for brain tumors]. *No Shinkei Geka.* 2005 Oct;33(10):953-62. Review. Japanese. PubMed PMID: 16223173.
- 384: Yanaka K, Nose T. Braid dressing for hair-bearing scalp wound. *Neurocrit Care.* 2004;1(2):217-8. PubMed PMID: 16174919.
- 385: Yasuda M, Higuchi O, Takano S, Matsumura A. Olfactory ensheathing cell tumor: a case report. *J*

Neurooncol. 2006 Jan;76(2):111-3. PubMed PMID: 16132493.

386: Wakabayashi T, Kosaka J, Oshika T. JNK inhibitory kinase is up-regulated in retinal ganglion cells after axotomy and enhances BimEL expression level in neuronal cells. *J Neurochem*. 2005 Oct;95(2):526-36. Epub 2005 Aug 10. Erratum in: *J Neurochem*. 2007 Jun;101(6):1723. PubMed PMID: 16092929.

387: Matsumura A, Isobe T, Takano S, Kawamura H, Anno I. Non-invasive quantification of lactate by proton MR spectroscopy and its clinical applications. *Clin Neurol Neurosurg*. 2005 Aug;107(5):379-84. PubMed PMID: 16023531.

388: Yamazaki T, Suzuki K, Sumi M, Yanaka K, Kojima H, Matsumura A. Cerebral embolism as a complication of paroxysmal nocturnal hemoglobinuria. *Eur Neurol*. 2005;53(4):217-20. Epub 2004 May 28. PubMed PMID: 16015007.

389: Marushima A, Yanaka K, Okazaki M, Kojima H, Nose T. Repeated vertebral artery dissections—an autopsy case report. *Cerebrovasc Dis*. 2005;20(1):61-5. Epub 2005 Jun 24. PubMed PMID: 15980625.

390: Jurcak V, Okamoto M, Singh A, Dan I. Virtual 10-20 measurement on MR images for inter-modal linking of transcranial and tomographic neuroimaging methods. *Neuroimage*. 2005 Jul 15;26(4):1184-92. PubMed PMID: 15961052.

391: Matsumura A, Zhang T, Nakai K, Endo K, Kumada H, Yamamoto T, Yoshida F, Sakurai Y, Yamamoto K, Nose T. Combination of boron and gadolinium compounds for neutron capture therapy. An in vitro study. *J Exp Clin Cancer Res*. 2005 Mar;24(1):93-8. PubMed PMID: 15943038.

392: Matsumura A, Isobe T, Anno I, Takano S, Kawamura H. Correlation between choline and MIB-1 index in human gliomas. A quantitative in proton MR spectroscopy study. *J Clin Neurosci*. 2005 May;12(4):416-20. PubMed PMID: 15925772.

393: Ishikawa E, Motohashi S, Ishikawa A, Ito T, Uchida T, Kaneko T, Tanaka Y, Horiguchi S, Okamoto Y, Fujisawa T, Tsuboi K, Taniguchi M, Matsumura A, Nakayama T. Dendritic cell maturation by CD11c-T cells and Valpha24+ natural killer T-cell activation by alpha-galactosylceramide. *Int J Cancer*. 2005 Nov 1;117(2):265-73. PubMed PMID: 15900581.

394: Nakayama H, Tokuuye K, Komatsu Y, Ishikawa H, Shiotani S, Nakada Y, Akine Y. Stereotactic radiotherapy for patients who initially presented with brain metastases from non-small cell carcinoma. *Acta Oncol*. 2004;43(8):736-9. PubMed PMID: 15764218.

395: Sakuta N, Sasaki S, Ochiai N. Analysis of activity of motor units in the biceps brachii muscle after intercostal-musculocutaneous nerve transfer. *Neurosci Res*. 2005 Apr;51(4):359-69. PubMed PMID: 15740799.

396: Takano S, Kamiyama H, Tsuboi K, Matsumura A. Angiogenesis and antiangiogenic therapy for malignant gliomas. *Brain Tumor Pathol*. 2004;21(2):69-73. PubMed PMID: 15700836.

397: Matsumaru Y, Tsuruta W, Takigawa T, Hyodo A, Sato H, Matsumura A. Percutaneous transluminal angioplasty for atherosclerotic stenoses of intracranial vessels. *Interv Neuroradiol*. 2004 Dec 24;10 Suppl 2:17-20. Epub 2008 May 15. PubMed PMID: 20587243; PubMed Central PMCID: PMC3522214.

398: Kasuya E, Sakumoto R, Saito T, Ishikawa H, Sengoku H, Nemoto T, Hodate K. A novel stereotaxic approach to the hypothalamus for the use of push-pull perfusion cannula in Holstein calves. *J Neurosci Methods*. 2005 Jan 30;141(1):115-24. PubMed PMID: 15585295.

- 399: Kamiyama H, Takano S, Tsuboi K, Matsumura A. Anti-angiogenic effects of SN38 (active metabolite of irinotecan): inhibition of hypoxia-inducible factor 1 alpha (HIF-1alpha)/vascular endothelial growth factor (VEGF) expression of glioma and growth of endothelial cells. *J Cancer Res Clin Oncol*. 2005 Apr;131(4):205-13. Epub 2004 Dec 4. PubMed PMID: 15583935.
- 400: Yanaka K, Nagase S, Asakawa H, Matsumaru Y, Koyama A, Nose T. Management of unruptured cerebral aneurysms in patients with polycystic kidney disease. *Surg Neurol*. 2004 Dec;62(6):538-45; discussion 545. PubMed PMID: 15576125.
- 401: Akutsu H, Yanaka K, Sakamoto N, Matsumura A, Nose T. Transient long segment spinal cord hyperintensity after anterior cervical discectomy. *J Clin Neurosci*. 2004 Nov;11(8):932-4. PubMed PMID: 15519884.
- 402: Fujimoto A, Matsumura A, Nakamura K, Aoki T, Enomoto T. Chiari malformation type I associated with familial spastic paraplegia: report of a surgically treated case. *Childs Nerv Syst*. 2005 Apr;21(4):336-8. Epub 2004 Sep 28. PubMed PMID: 15452730.
- 403: Kujiraoka Y, Sato M, Tsuruta W, Yanaka K, Takeda T, Matsumura A. Shaken baby syndrome manifesting as chronic subdural hematoma: importance of single photon emission computed tomography for treatment indications--case report. *Neurol Med Chir (Tokyo)*. 2004 Jul;44(7):359-62. PubMed PMID: 15347212.
- 404: Yamamoto T, Matsumura A, Nakai K, Shibata Y, Endo K, Sakurai F, Kishi T, Kumada H, Yamamoto K, Torii Y. Current clinical results of the Tsukuba BNCT trial. *Appl Radiat Isot*. 2004 Nov;61(5):1089-93. PubMed PMID: 15308197.
- 405: Ishikawa E, Tsuboi K, Saijo K, Takano S, Ohno T. X-irradiation to human malignant glioma cells enhances the cytotoxicity of autologous killer lymphocytes under specific conditions. *Int J Radiat Oncol Biol Phys*. 2004 Aug 1;59(5):1505-12. PubMed PMID: 15275738.
- 406: Ishikawa E, Tsuboi K, Saijo K, Harada H, Takano S, Nose T, Ohno T. Autologous natural killer cell therapy for human recurrent malignant glioma. *Anticancer Res*. 2004 May-Jun;24(3b):1861-71. PubMed PMID: 15274367.
- 407: Saito T, Nemoto T, Nagase Y, Kasuya E, Sakumoto R. Development of a stereotaxic instrument for study of the bovine central nervous system. *Brain Res Bull*. 2004 Feb 1;62(5):369-77. PubMed PMID: 15168901.
- 408: Unoki T, Mizutani T, Toyooka H. Changes in respiratory physiological dead space and compliance during non-abdominal, upper abdominal and lower abdominal surgery under general anaesthesia. *Eur J Anaesthesiol*. 2004 Apr;21(4):302-8. PubMed PMID: 15109194.
- 409: Fujimoto A, Sato H, Katayama W, Nakai K, Tsunoda T, Kobayashi E, Nose T. Kernohan's phenomenon associated with left ruptured occipital arteriovenous malformation. *J Clin Neurosci*. 2004 May;11(4):444-6. PubMed PMID: 15080971.
- 410: Matsumaru Y, Sato H, Takigawa T, Okazaki M, Kamezaki T, Tsukada A, Nose T, Nakai N, Sonobe M. Retreatment of cerebral aneurysms after guglielmi detachable coil embolization. *Interv Neuroradiol*. 2004 Mar 30;10 Suppl 1:167-71. Epub 2008 Jun 9. PubMed PMID: 20587295; PubMed Central PMCID: PMC3490167.
- 411: Shibata Y, Matsumura A, Yamamoto T, Akutsu H, Yasuda S, Nakai K, Nose T, Yamamoto K, Kumada H, Hori N, Ohtake S. Prediction of boron concentrations in blood from patients on boron

neutron capture therapy. *Anticancer Res.* 2003 Nov-Dec;23(6D):5231-5. PubMed PMID: 14981995.

412: Yanaka K, Asakawa H, Matsumaru Y, Kujiraoka Y, Nose T. Diagnosis of vascular compression at the thoracic outlet using magnetic resonance angiography. *Eur Neurol.* 2004;51(2):122-3. Epub 2004 Feb 11. PubMed PMID: 14963388.

413: Ishikawa E, Tsuboi K, Takano S, Uchimura E, Nose T, Ohno T. Intratumoral injection of IL-2-activated NK cells enhances the antitumor effect of intradermally injected paraformaldehyde-fixed tumor vaccine in a rat intracranial brain tumor model. *Cancer Sci.* 2004 Jan;95(1):98-103. PubMed PMID: 14720334.

414: Akutsu H, Tsuboi K, Sakamoto N, Nose T, Honma S, Jikuya T. Cerebral metastases from angiosarcoma of the aortic wall: case report. *Surg Neurol.* 2004 Jan;61(1):68-71. PubMed PMID: 14706384.

415: Fujimoto A, Tsuboi K, Ishikawa E, Nose H, Nose T. Surgery improves vision and cosmetic appearance of an adult patient with fibrous dysplasia of the frontal bone. *J Clin Neurosci.* 2004 Jan;11(1):95-7. PubMed PMID: 14642380.

416: Fujimoto A, Enomoto T, Takano S, Nose T. Pitch perception abnormality as a side effect of carbamazepine. *J Clin Neurosci.* 2004 Jan;11(1):69-70. PubMed PMID: 14642372.

417: Matsumura A, Yanaka K, Akutsu H, Noguchi S, Moritake T, Nose T. Combined laminoplasty with posterior lateral mass plate for unstable spondylotic cervical canal stenosis-technical note. *Neurol Med Chir (Tokyo).* 2003 Oct;43(10):514-9; discussion 519. PubMed PMID: 14620206.

418: Yanaka K, Fujita K, Noguchi S, Matsumaru Y, Asakawa H, Anno I, Meguro K, Nose T. Intraoperative angiographic assessment of graft patency during extracranial-intracranial bypass procedures. *Neurol Med Chir (Tokyo).* 2003 Oct;43(10):509-12; discussion 513. PubMed PMID: 14620205.

419: Matsuda W, Matsumura A, Komatsu Y, Yanaka K, Nose T. Awakenings from persistent vegetative state: report of three cases with parkinsonism and brain stem lesions on MRI. *J Neurol Neurosurg Psychiatry.* 2003 Nov;74(11):1571-3. PubMed PMID: 14617720; PubMed Central PMCID: PMC1738238.

420: Moritake T, Tsuboi K, Anzai K, Ozawa T, Nose T. Reduction of nitroxides and radioprotective ability in glioblastoma cells. *Brain Tumor Pathol.* 2003;20(1):1-5. PubMed PMID: 14604225.

421: Nakamura K, Yanaka K, Ihara S, Nose T. Multiple intracranial arterial stenoses around the circle of Willis in association with Graves' disease: report of two cases. *Neurosurgery.* 2003 Nov;53(5):1210-4; discussion 1214-5. PubMed PMID: 14580289.

422: Yanaka K, Matsumaru Y, Uemura K, Matsumura A, Anno I, Nose T. Perfusion-weighted MRI of spinal dural arteriovenous fistula. *Neuroradiology.* 2003 Oct;45(10):744-7. Epub 2003 Sep 6. PubMed PMID: 13680029.

423: Matsumura A, Zhang T, Yamamoto T, Yoshida F, Sakurai Y, Shimojo N, Nose T. In vivo gadolinium neutron capture therapy using a potentially effective compound (Gd-BOPTA). *Anticancer Res.* 2003 May-Jun;23(3B):2451-6. PubMed PMID: 12894527.

424: Kato N, Yanaka K, Hyodo K, Homma K, Nagase S, Nose T. Stable nitroxide Tempol ameliorates brain injury by inhibiting lipid peroxidation in a rat model of transient focal cerebral ischemia. *Brain Res.* 2003 Jul 25;979(1-2):188-93. PubMed PMID: 12850585.

- 425: Yanaka K, Kujiraoka Y, Okazaki M, Asakawa H, Kato N, Matsumaru Y, Nose T. Current and future therapies for ischemic cerebrovascular disease. *Drugs Today (Barc)*. 2000 Dec;36(12):807-15. PubMed PMID: 12845339.
- 426: Kato N, Yanaka K, Nagase S, Hirayama A, Nose T. The antioxidant EPC-K1 ameliorates brain injury by inhibiting lipid peroxidation in a rat model of transient focal cerebral ischaemia. *Acta Neurochir (Wien)*. 2003 Jun;145(6):489-93; discussion 493. PubMed PMID: 12836074.
- 427: Yanaka K, Matsumaru Y, Okazaki M, Noguchi S, Asakawa H, Anno I, Nose T. Intraoperative angiography in the surgical treatment of cerebral arteriovenous malformations and fistulas. *Acta Neurochir (Wien)*. 2003 May;145(5):377-82; discussion 382-383. Review. PubMed PMID: 12820044.
- 428: Yamamoto T, Matsumura A, Yamamoto K, Kumada H, Hori N, Torii Y, Shibata Y, Nose T. Characterization of neutron beams for boron neutron capture therapy: in-air radiobiological dosimetry. *Radiat Res*. 2003 Jul;160(1):70-6. PubMed PMID: 12816525.
- 429: Takigawa T, Yanaka K, Yasuda M, Asakawa H, Matsumaru Y, Nose T. Head and neck extension-fixation with a head frame for exposure of the distal internal carotid artery in carotid endarterectomy-technical note. *Neurol Med Chir (Tokyo)*. 2003 May;43(5):271-3; discussion 273. PubMed PMID: 12790290.
- 430: Yanaka K, Sugimoto K, Yasuda M, Asakawa H, Kamezaki T, Kato N, Matsumaru Y, Nose T. Current and future therapies for ischemic cerebrovascular disease. II. Surgery and new treatments on the horizon. *Drugs Today (Barc)*. 2001 Feb;37(2):75-84. PubMed PMID: 12783100.
- 431: Yanaka K, Kamezaki T, Fujita K, Kato N, Nagase S, Hirayama A, Asakawa H, Yamazaki T, Nose T. Prevention of delayed cerebral vasospasm after aneurysmal subarachnoid hemorrhage. *Drugs Today (Barc)*. 2001 Aug;37(8):573-578. PubMed PMID: 12743639.
- 432: Moritake T, Tsuboi K, Anzai K, Ozawa T, Ando K, Nose T. ESR spin trapping of hydroxyl radicals in aqueous solution irradiated with high-LET carbon-ion beams. *Radiat Res*. 2003 May;159(5):670-5. PubMed PMID: 12710879.
- 433: Takano S, Tsuboi K, Matsumura A, Nose T. Anti-vascular endothelial growth factor antibody and nimustine as combined therapy: effects on tumour growth and angiogenesis in human glioblastoma xenografts. *Neuro Oncol*. 2003 Jan;5(1):1-7. doi: 10.1093/neuonc/5.1.1. PubMed PMID: 12626127; PubMed Central PMCID: PMC1920668.
- 434: Isobe T, Matsumura A, Anno I, Nagatomo Y, Yoshizawa T, Itai Y, Nose T. [Changes in Proton magnetic resonance spectroscopic imaging in glioma patients before and after irradiation: the significance of quantitative analysis of choline-containing compounds]. *No Shinkei Geka*. 2003 Feb;31(2):167-72. Japanese. PubMed PMID: 12616652.
- 435: Ishikawa E, Matsumura A, Matsumaru Y, Anno I, Nakamura K, Shioyama Y, Midorikawa T, Nose T. Intratumoral hemorrhage due to hemangioblastoma arising from a cervical nerve root-a case report. *J Clin Neurosci*. 2002 Nov;9(6):713-6. PubMed PMID: 12604294.
- 436: Matsumaru Y, Yanaka K, Muroi A, Sato H, Kamezaki T, Nose T. Significance of a small bulge on the basilar artery in patients with perimesencephalic nonaneurysmal subarachnoid hemorrhage. Report of two cases. *J Neurosurg*. 2003 Feb;98(2):426-9. PubMed PMID: 12593635.
- 437: Yanaka K, Matsumaru Y, Mashiko R, Hyodo A, Sugimoto K, Nose T. Small unruptured cerebral aneurysms presenting with oculomotor nerve palsy. *Neurosurgery*. 2003 Mar;52(3):553-7; discussion

556-7. PubMed PMID: 12590679.

438: Ishikawa E, Matsumura A, Ishikawa S, Nakamura K, Nose T. Combined minimally invasive approach using microsurgery and thoracoscopic surgery for resecting a dumbbell-type thoracic schwannoma. *Minim Invasive Neurosurg*. 2002 Dec;45(4):251-3. PubMed PMID: 12494363.

439: Asakawa H, Yanaka K, Fujita K, Marushima A, Anno I, Nose T. Intracranial dural arteriovenous fistula showing diffuse MR enhancement of the spinal cord: case report and review of the literature. *Surg Neurol*. 2002 Sep-Oct;58(3-4):251-7. Review. PubMed PMID: 12480235.

440: Ishikawa E, Tsuboi K, Onizawa K, Hara A, Kusakari J, Noguchi M, Nose T. Chondroblastoma of the temporal base with high mitotic activity. *Neurol Med Chir (Tokyo)*. 2002 Nov;42(11):516-20. PubMed PMID: 12472218.

441: Matsushita A, Yanaka K, Hyodo A, Nose T. Persistent primitive otic artery with IC-cavernous aneurysm. *J Clin Neurosci*. 2003 Jan;10(1):113-5. PubMed PMID: 12464540.

442: Ootsuka Y, Rong W, Kishi E, Koganezawa T, Terui N. Rhythmic activities of the sympatho-excitatory neurons in the medulla of rabbits: neurons controlling cutaneous vasomotion. *Auton Neurosci*. 2002 Oct 31;101(1-2):48-59. PubMed PMID: 12462359.

443: Kinugasa T, Ozaki S, Hamanaka S, Kudo N. The effects of sciatic nerve axotomy on spinal motoneurons in neonatal Bax-deficient mice. *Neurosci Res*. 2002 Dec;44(4):439-46. PubMed PMID: 12445631.

444: Tsurubuchi T, Matsumura A, Nakai K, Fujita K, Enomoto T, Iwasaki N, Nose T. Reversible holocord edema associated with intramedullary spinal abscess secondary to an infected dermoid cyst. *Pediatr Neurosurg*. 2002 Dec;37(6):282-6. PubMed PMID: 12422041.

445: Hyodo A, Yanaka K, Kato N, Nose T. Coil migration during endovascular treatment in a patient with Galenic arteriovenous malformation. *J Clin Neurosci*. 2002 Sep;9(5):584-5. PubMed PMID: 12383422.

446: Yanaka K, Matsumaru Y, Kamezaki T, Nose T. Ruptured aneurysm of the ophthalmic artery trunk demonstrated by three-dimensional rotational angiography: case report. *Neurosurgery*. 2002 Oct;51(4):1066-9; discussion 1069-70. Review. PubMed PMID: 12234418.

447: Shibata Y, Matsumura A, Nose T. Effect of expression of P-glycoprotein on technetium-99m methoxyisobutylisonitrile single photon emission computed tomography of brain tumors. *Neurol Med Chir (Tokyo)*. 2002 Aug;42(8):325-30; discussion 330-1. PubMed PMID: 12206484.

448: Nakai Y, Hyodo A, Yanaka K, Nose T. Fatal cerebral infarction after intraventricular hemorrhage in a pregnant patient with moyamoya disease. *J Clin Neurosci*. 2002 Jul;9(4):456-8. PubMed PMID: 12217680.

449: Muroi A, Enomoto T, Ishikawa E, Yanaka K, Nose T. Semitransparent meningocele at the occipital region. *J Pediatr*. 2002 Aug;141(2):294. PubMed PMID: 12183733.

450: Yamamoto T, Matsumura A, Yamamoto K, Kumada H, Shibata Y, Nose T. In-phantom two-dimensional thermal neutron distribution for intraoperative boron neutron capture therapy of brain tumours. *Phys Med Biol*. 2002 Jul 21;47(14):2387-96. PubMed PMID: 12171329.

451: Isobe T, Matsumura A, Anno I, Yoshizawa T, Nagatomo Y, Itai Y, Nose T. Quantification of cerebral

metabolites in glioma patients with proton MR spectroscopy using T2 relaxation time correction. *Magn Reson Imaging*. 2002 May;20(4):343-9. PubMed PMID: 12165353.

452: Akutsu H, Matsumura A, Isobe T, Anno I, Takano S, Itai Y, Nose T. Chronological change of brain abscess in (1)H magnetic resonance spectroscopy. *Neuroradiology*. 2002 Jul;44(7):574-8. Epub 2002 May 3. PubMed PMID: 12136358.

453: Wada KI, Takahashi H, Katsuta S, Soya H. No decrease in myonuclear number after long-term denervation in mature mice. *Am J Physiol Cell Physiol*. 2002 Aug;283(2):C484-8. PubMed PMID: 12107058.

454: Ishikawa E, Yanaka K, Sugimoto K, Ayuzawa S, Nose T. Reversible dementia in patients with chronic subdural hematomas. *J Neurosurg*. 2002 Apr;96(4):680-3. PubMed PMID: 11990807.

455: Muroi A, Matsumura A, Asakawa H, Enomoto T, Iwasaki N, Nose T. Myelopathy caused by tics in an adolescent, associated with T2 signal intensity changes of the spinal cord. *Childs Nerv Syst*. 2002 Apr;18(3-4):191-4. Epub 2002 Mar 9. Review. PubMed PMID: 11981634.

456: Matsuda M, Enomoto T, Yanaka K, Nose T. Moyamoya disease associated with hemophilia A. Case report. *Pediatr Neurosurg*. 2002 Mar;36(3):157-60. PubMed PMID: 11919451.

457: Takano S, Tsuboi K, Matsumura A, Sato H, Nose T. Localization of gelatinase activities in glioma tissues by film in situ zymography. *Brain Tumor Pathol*. 2001;18(2):145-50. PubMed PMID: 11908871.

458: Tsujino A, Ochiai N. Ulnar groove plasty for friction neuropathy at the elbow. *Hand Surg*. 2001 Dec;6(2):205-9. Review. PubMed PMID: 11901468.

459: Matsumura A, Takano S, Nagata M, Anno I, Nose T. Cervical intramedullary gliofibroma in a child: a case report and review of the literature. *Pediatr Neurosurg*. 2002 Feb;36(2):105-10. PubMed PMID: 11893894.

460: Isobe T, Matsumura A, Anno I, Yoshizawa T, Itai Y, Nose T. [Proton MRS in a case of intracerebellar epidermoid]. *No To Shinkei*. 2002 Feb;54(2):163-6. Japanese. PubMed PMID: 11889764.

461: Fujita K, Enomoto T, Yanaka K, Nose T. Ventricular diverticulum at the posterior horn of the lateral ventricle presenting as aplasia cutis congenita. *Childs Nerv Syst*. 2001 Dec;17(12):750-3. Epub 2001 Oct 31. Review. PubMed PMID: 11862443.

462: Yanaka K, Meguro K, Nose T. Repair of a tear at the base of a blister-like aneurysm with suturing and an encircling clip: technical note. *Neurosurgery*. 2002 Jan;50(1):218-21. PubMed PMID: 11844255.

463: Wakabayashi T, Kosaka J, Hommura S. Up-regulation of Hrk, a regulator of cell death, in retinal ganglion cells of axotomized rat retina. *Neurosci Lett*. 2002 Jan 25;318(2):77-80. PubMed PMID: 11796190.

464: Zhang T, Matsumura A, Yamamoto T, Yoshida F, Nose T, Shimojo N. Comparison of gadobenate dimeglumine and gadopentetate dimeglumine: a study of MR imaging and inductively coupled plasma atomic emission spectroscopy in rat brain tumors. *AJNR Am J Neuroradiol*. 2002 Jan;23(1):15-8. PubMed PMID: 11827870.

465: Matsumaru Y, Sonobe M, Nakai Y, Takahashi S, Nose T. Rupture of Aneurysms during and after Embolization with Guglielmi Detachable Coils. *Interv Neuroradiol*. 2001 Dec 22;7(Suppl 1):83-7. Epub 2002 Jan 10. PubMed PMID: 20663383; PubMed Central PMCID: PMC3627253.

- 466: Katayama W, Enomoto T, Yanaka K, Nose T. Moyamoya disease associated with persistent primitive hypoglossal artery: report of a case. *Pediatr Neurosurg*. 2001 Nov;35(5):262-5. PubMed PMID: 11741121.
- 467: Miyabe M, Fukuda T, Saito S, Tajima K, Toyooka H. Effect of intravenous prostaglandin E1 on pial vessel diameters and intracranial pressure in rabbits. *Acta Anaesthesiol Scand*. 2001 Nov;45(10):1271-5. PubMed PMID: 11736681.
- 468: Yamazaki T, Enomoto T, Iguchi M, Nose T. Atretic cephalocele-report of two cases with special reference to embryology. *Childs Nerv Syst*. 2001 Nov;17(11):674-8. Epub 2001 Sep 22. PubMed PMID: 11734986.
- 469: Ishikawa E, Matsumura A, Enomoto T, Tsurubuchi T, Nose T. Ectopic fingerlike structure in the thoracic region. Case report. *J Neurosurg*. 2001 Oct;95(2 Suppl):250-2. Erratum in: *J Neurosurg* 2002 Mar;96(2 Suppl):255. PubMed PMID: 11599847.
- 470: Yanaka K, Hyodo A, Nose T. Venous malformation serving as the draining vein of an adjoining arteriovenous malformation. Case report and review of the literature. *Surg Neurol*. 2001 Sep;56(3):170-4. Review. PubMed PMID: 11597644.
- 471: Fujita K, Yanaka K, Tomono Y, Kamezaki T, Kujiraoka Y, Nose T. [Congestive heart failure caused by the thyroid stimulating hormone(TSH) secreting pituitary adenoma: report of two cases]. *No To Shinkei*. 2001 Aug;53(8):769-73. Japanese. PubMed PMID: 11577421.
- 472: Shibata Y, Matsumura A, Yoshida F, Yamamoto T, Nakai K, Nose T, Sakata I, Nakajima S. Competitive uptake of porphyrin and LDL via the LDL receptor in glioma cell lines: flow cytometric analysis. *Cancer Lett*. 2001 May 10;166(1):79-87. PubMed PMID: 11295290.
- 473: Nakai Y, Yasuda S, Matsumura A, Matsumaru Y, Nose T. [Serial angiographical changes of a ruptured dissecting vertebral aneurysm]. *No Shinkei Geka*. 2001 Jan;29(1):71-4. Japanese. PubMed PMID: 11218770.
- 474: Komatsu Y, Nakai K, Aoki K, Uemura K, Shibata T, Yoshizawa T, Kobayashi E, Koishizawa T, Sakakibara Y, Hiramatsu Y, Nose T. [Simultaneous carotid and coronary artery surgery in asymptomatic carotid artery stenosis-report of three cases]. *No Shinkei Geka*. 2001 Jan;29(1):65-9. Japanese. PubMed PMID: 11218769.
- 475: Aita I, Wadano Y, Yabuki T. Curvature and range of motion of the cervical spine after laminoplasty. *J Bone Joint Surg Am*. 2000 Dec;82(12):1743-8. PubMed PMID: 11130648.
- 476: Matsumaru Y, Sonobe M, Mashiko R, Sugimori M, Takahashi S, Nose T. Utilization of Extracorporeal Pump during Local Intra-arterial Fibrinolysis in the Treatment of Acute Cerebral Arterial Occlusion. A Case Report. *Interv Neuroradiol*. 2000 Nov 30;6 Suppl 1:217-21. Epub 2001 May 15. PubMed PMID: 20667252; PubMed Central PMCID: PMC3685923.
- 477: Matsumaru Y, Sonobe M, Mashiko R, Nakai Y, Takahashi S, Nose T. An early experience of endovascular treatment for cerebral aneurysms harboring blebs. *Interv Neuroradiol*. 2000 Nov 30;6 Suppl 1:89-93. Epub 2001 May 15. PubMed PMID: 20667228; PubMed Central PMCID: PMC3685942.
- 478: Ishikawa E, Sugimoto K, Yanaka K, Ayuzawa S, Iguchi M, Moritake T, Kobayashi E, Nose T. Interhemispheric subdural hematoma caused by a ruptured internal carotid artery aneurysm: case report. *Surg Neurol*. 2000 Jul;54(1):82-6. PubMed PMID: 11024512.

- 479: Nakai Y, Hyodo A, Yanaka K, Akutsu H, Nose T. Distal superior cerebellar artery aneurysm in a patient with systemic lupus erythematosus: case report. *Surg Neurol*. 2000 Jul;54(1):73-6. Review. PubMed PMID: 11024510.
- 480: Ishikawa E, Meguro K, Yanaka K, Murakami T, Narushima K, Aoki T, Nose T. Intracerebellar penetrating injury and abscess due to a wooden foreign body-case report. *Neurol Med Chir (Tokyo)*. 2000 Sep;40(9):458-62. Review. PubMed PMID: 11021077.
- 481: Shibata Y, Matsumura A, Meguro K, Narushima K. Differentiation of mechanism and prognosis of traumatic brain stem lesions detected by magnetic resonance imaging in the acute stage. *Clin Neurol Neurosurg*. 2000 Sep;102(3):124-8. PubMed PMID: 10996708.
- 482: Yanaka K, Tsuboi K, Fujita K, Aoki K, Takeuchi S, Anno I, Nose T. Distal anterior choroidal artery aneurysm associated with an arteriovenous malformation. Intraoperative localization and treatment. *Surg Neurol*. 2000 Jun;53(6):546-51. Review. PubMed PMID: 10940421.
- 483: Ishikawa E, Sugimoto K, Yanaka K, Moritake T, Iguchi M, Ayuzawa S, Kobayashi E, Nose T. Giant aneurysm of the superficial temporal artery. Case report and review of the literature. *Surg Neurol*. 2000 Jun;53(6):543-5. Review. PubMed PMID: 10940420.
- 484: Higo N, Oishi T, Yamashita A, Matsuda K, Hayashi M. Expression of GAP-43 and SCG10 mRNAs in lateral geniculate nucleus of normal and monocularly deprived macaque monkeys. *J Neurosci*. 2000 Aug 15;20(16):6030-8. PubMed PMID: 10934252; PubMed Central PMCID: PMC6772595.
- 485: Takano S, Tsuboi K, Tomono Y, Mitsui Y, Nose T. Tissue factor, osteopontin, alphavbeta3 integrin expression in microvasculature of gliomas associated with vascular endothelial growth factor expression. *Br J Cancer*. 2000 Jun;82(12):1967-73. PubMed PMID: 10864205; PubMed Central PMCID: PMC2363244.
- 486: Matsumura A, Anno I, Kimura H, Ishikawa E, Nose T. Diagnosis of spontaneous intracranial hypotension by using magnetic resonance myelography. Case report. *J Neurosurg*. 2000 May;92(5):873-6. PubMed PMID: 10794305.
- 487: Ishikawa E, Yanaka K, Meguro K, Narushima K, Suzuki K, Wada M, Nose T. [Treatment of peripheral aneurysms of the posterior circulation]. *No Shinkei Geka*. 2000 Apr;28(4):337-43. Japanese. PubMed PMID: 10769832.
- 488: Takano S, Tsuboi K, Matsumura A, Tomono Y, Mitsui Y, Nose T. Expression of the angiogenic factor thymidine phosphorylase in human astrocytic tumors. *J Cancer Res Clin Oncol*. 2000 Mar;126(3):145-52. PubMed PMID: 10741908.
- 489: Suzuki K, Meguro K, Sakurai T, Saitoh Y, Takeuchi S, Nose T. Endothelin-1 concentration increases in the cerebrospinal fluid in cerebral vasospasm caused by subarachnoid hemorrhage. *Surg Neurol*. 2000 Feb;53(2):131-5. PubMed PMID: 10713190.
- 490: Hyodo A, Yanaka K, Higuchi O, Tomono Y, Nose T. Giant interdural cavernous hemangioma at the convexity. Case illustration. *J Neurosurg*. 2000 Mar;92(3):503. PubMed PMID: 10701547.
- 491: Endo T, Hata J, Nakayama Y. Variations on the "baby-sitter" procedure for reconstruction of facial paralysis. *J Reconstr Microsurg*. 2000 Jan;16(1):37-43. PubMed PMID: 10668752.
- 492: Matsuda W, Sugimoto K, Sato N, Watanabe T, Yanaka K, Matsumura A, Nose T. [A case of primary brain-stem injury recovered from persistent vegetative state after L-dopa administration]. *No*

To Shinkei. 1999 Dec;51(12):1071-4. Japanese. PubMed PMID: 10654305.

493: Yanaka K, Meguro K, Fujita K, Narushima K, Nose T. Postoperative brainstem high intensity is correlated with poor outcomes for patients with spontaneous cerebellar hemorrhage. *Neurosurgery*. 1999 Dec;45(6):1323-7; discussion 1327-8. PubMed PMID: 10598699.

494: Hyodo A, Kato N, Nakai Y, Anno I, Sato H, Okazaki M, Matsumaru Y, Nose T. Percutaneous transluminal angioplasty for atherosclerotic stenosis of the intracranial cerebral arteries. initial results and long-term follow-up. *Interv Neuroradiol*. 1999 Nov;5 Suppl 1:27-32. Epub 2001 May 15. PubMed PMID: 20670534.

495: Suzuki K, Fukushima T, Meguro K, Aoki T, Kamezaki T, Saitoh H, Enomoto T, Nose T. Intracranial hemorrhage in an infant owing to vitamin K deficiency despite prophylaxis. *Childs Nerv Syst*. 1999 Jul;15(6-7):292-4. PubMed PMID: 10461777.

496: Matsumura A, Shibata Y, Yamamoto T, Yoshida F, Isobe T, Nakai K, Hayakawa Y, Kiriya M, Shimojo N, Ono K, Sakata I, Nakajima S, Okumura M, Nose T. A new boronated porphyrin (STA-BX909) for neutron capture therapy: an in vitro survival assay and in vivo tissue uptake study. *Cancer Lett*. 1999 Jul 1;141(1-2):203-9. Erratum in: *Cancer Lett* 2000 Jul 31;155(2):209. PubMed PMID: 10454263.

497: Fujita K, Yanaka K, Meguro K, Narushima K, Iguchi M, Nakai Y, Nose T. Image-guided procedures in brain biopsy. *Neurol Med Chir (Tokyo)*. 1999 Jul;39(7):502-8; discussion 508-9. PubMed PMID: 10437378.

498: Melander A, Olsson J, Lindberg G, Salzman A, Howard T, Stang P, Lydick E, Emslie-Smith A, Boyle DI, Evans JM, Macdonald TM, Bain J, Sullivan F; AD Morris for the DARTS/MEMO Collaboration, Juhl C, Pørksen N, Sturis J, Hollingdal M, Pincus S, Veldhuis J, Dejgaard A, Schmitz O, Kristensen JS, Frandsen KB, Bayer T, Müller P, Dunning BE, Paladini S, Gutierrez C, Deacon R, Valentin M, Grunberger G, Weston WM, Patwardhan R, Rappaport EB, Sargeant LA, Wareham NJ, Khaw KT, Zethelius B, Lithell H, Hales CN, Berne C, Lakka HM, Oksanen L, Tuomainen TP, Kontula K, Salonen JT, Dekker JM, de Boks P, de Vegt F, Stehouwer CD, Nijpels G, Bouter LM, Heine RJ, Bruno G, Cavallo-Perin P, Bargero G, D'Errico N, Borra M, Macchia G, Pagano G, Newton RW, Ruta DA, New JP, Wallace C, Roxburgh MA, Young RJ, Vaughan NJ, Elliott P, Brennan G, Devers M, MacAlpine R, Steinke D, Lawson DH, Decallonne B, Casteels K, Gysemans C, Bouillon R, Mathieu C, Linn T, Strate C, Schneider K, Funda DP, Jirsa M Jr, Kozáková H, Kaas A, Kofronová O, Tlaskalová-Hogenová H, Buschard K, Wanka H, Hartmann A, Kuttler B, Rasmussen SB, Sørensen TS, Markholst H, Petersen JS, Karounos D, Dyrberg T, Mabley JG, Haskó G, Szabó C, Seissler J, Nguyen TB, Steinbrenner H, Scherbaum WA, Cipriani R, Gabriele A, Sensi M, Guidobaldi L, Pantellini F, Cerrito MG, Scarpa S, Di Mario U, Morano S, Ceolotto G, Iori E, Baritono E, Del Prato S, Semplicini A, Trevisan R, Zerbini G, Meregalli G, Asnaghi V, Tentori F, Maestroni A, Mangili R, Marescotti C, Vedovato M, Tiengo A, Tadjieva J, Mankovsky BN, Van Aken S, Raes A, Vande Walle J, Matthys D, Craen M, Hansen HP, Lund SS, Rossing P, Jensen T, Parving HH; GENEDIAB Study Group, Andersen S, Tarnow L, Hansen BV, Trautner C, Haastert B, Ennenbach N, Willich S, Tabák ÁG, Orchard TJ, Spranger J, Preissner KT, Schatz H, Pfeiffer A, Cantón A, Burgos R, Hernández C, Lecube A, Mesa J, Segura RM, Mateo C, Simó R, Fathallah L, Greene DA, Obrosova I, Gilbert RE, Kelly DJ, Cox AJ, Berka-Wilkinson JL, Taylor HR, Panagiotopoulos S, Lee V, Jerums G, Cooper ME, Hitman GA, Aganna E, Ogunkolade WB, Rema M, Deepa R, Shanthi-Rani CS, Barakat K, Kumarajeewa TR, Cassell PG, McDermott MF, Mohan V, Ways K, Bursell S, Devries T, Woodworth J, Alatorre C, King G, Aiello LP, Karisen AE, Pavlovic D, Nielsen K, Jensen J, Andersen HU, Pociot F, Mandrup-Poulsen T, Eizirik DL, Nerup J, Lortz S, Tiedge M, Lenzen S, Lally FJ, Bone AJ, Darville MI, Ho YS, Sternesjö J, Sandler S, Chen MC, Schuit F, Pipeleers DG, Merezak S, Hardikar A, Hoet JJ, Remacle C, Reusens B, Bréant B, Garofano A, Czernichow P, Kubota N, Terauchi Y, Miki H, Tamemoto H, Yamauchi T, Nakano R, Komeda K, Eto K, Tobe K, Kimura S, Kadowaki T, Ide T, Murakami K, Tsunoda M, Mochizuki T, Ozanne SE, Nave BT,

Wang CL, Dorling MW, Petry CJ, Koopmans SJ, van der Bent C, Que I, Radder JK, Sebokova E, Sana AK, Klimes I, Ruderman N, Morviducci L, Pastore L, Morelli S, Sagratella E, Zorretta D, Buongiorno A, Tamburrano G, Giaccari A, Martinenghi S, De Angelis GC, Ravasi F, Bifari F, Bordignon C, Falqui L, Kessler A, Dransfeld O, Sasson S, Tomas E, Zorzano A, Eckel J, Thorsby P, Rosenfalck AM, Kjems L, Hanssen KF, Madsbad S, Birkeland KI, Hamilton-Wessler M, Markussen J, Bergman RN, Melki V, Hanaire-Broutin H, Bessières-Lacombe S; GEDEC study group, Tauber JP, Home PD, Lindholm A, Riis A; European Insulin Aspart Study Group, Rosenstock J, Schwartz S, Clark C, Edwards M, Donley D; US Study Group of Insulin Glargine in Type 2 DM, Swift P, Mortensen HB, Lynggaard H, Hougaard P; Hvidøre Study group on Childhood Diabetes, Cull CA, Neil HA, Frighi V, Manley SE, Holman RR, Turner RC; UKPDS Group, Steiner G; DAIS Project Group, Davis WA, Weeraratna T, Bruce DG, Davis TM, Vergès B, Duvillard L, Pont F, Florentin E, Gambert P, Benko B, Ljubić S, Turk Z, Granić M, März W, Wollschläger H, Klein G, Neiss A, Wehling M, Huxtable SJ, Saker PJ, Walker M, Frayling TM, Levy JC, O'Rahilly S, Hattersley AT, McCarthy MI, Orecchio A, Giacchini A, Dominici R, Canettieri G, Trinti B, Zani M, Andreoli M, Sciacchitano S, de Silva AM, Whitecross K, Pasco J, Kotowicz M, Nicholson G, Zimmet P, Boyko EJ, Collier GR, Frittitta L, Pizzuti A, Argiolas A, Graci S, Goldfine ID, Bozzali M, Ercolino T, Costanzo B, Iacoviello L, Tassi V, Trischitta V, Wauters M, Rankinen T, Mertens I, Chagnon M, Bouchard C, Van Gaal L, Sivenius K, Valve R, Hakkarainen V, Niskanen L, Laakso M, Uusitupa M, Beridze N, Japaridze M, Kurashvili R, Dundua M, Kebuladze G, Kazakhashvili N, Offley-Shore B, Thomas B, Ghebremeskel K, Crawford M, Lowy C, Eriksson UJ, Martin Simán C, Wisse B, Gittenberger-de Groot AC, Wentzel P, Eriksson UJ, Wender-Ożegowska E, Drews K, Biczysko R, Bronisz A, Rość D, Graczykowska-Koczorowska A, Kotschy M, Sokup A, Kohnert KD, Besch W, Strese J, Frick U, Zander E, Kemer W, Škrha J, Kvasnička J, Kalvodová B, Hilgertová J, Schatteman K, Goossens F, Scharpé S, De Leeuw I, Hendriks D, Legakis IN, Panayiotou D, Mountokalakis TD, Enderle MD, Beckmann P, Balletshofer B, Rittig K, Maerker E, Volk A, Meisner C, Jacob S, Matthaei S, Häring HU, Rett K, Ueda K, Nakagawa T, Shimajiri Y, Kokawa M, Matsumoto E, Sasaki H, Sanke T, Nanjo K, McKinnon CM, Macfarlane WM, Docherty K, Furukawa N, Shirotani T, Kishikawa H, Kaneko K, Araki E, Shichiri M, Prentki M, Roduit R, Susini S, Buteau J, Ejrnæs AM, Andersen NA, Osterhoff M, Möhlig M, Ortmann J, Bikashghi F, Mayer C, Bikashagi F, Ackermans MT, Pereira Arias AM, Bisschop PH, Endert E, Sauerwein HP, Romijn JA, Gastaldelli A, Baldi S, Pettiti M, Natali A, Frascerra S, Camastra S, Toschi E, Ferrannini E, Stingl H, Krssak M, Bischof MG, Krebs M, Fürnsinn C, Nowotny P, Waldhäusl W, Roden M, Neeft M, Meijer AJ, Båvenholm P, Pigon J, Efendic S, Kästenbauer T, Sauseng S, Sokol G, Auinger M, Irsigler K, Abbott CA, Carrington AL, Faragher B, Kulkarni J, Van Ross ER, Boulton AJ, Armstrong DG, Hadi S, Nguyen HC, Harkless LB, Jirkovská A, Kasalicky P, Hosová J, Skibova J, Uccioli L, Caselli A, Giacomozzi C, Macellari V, Giurato L, Lardieri L, Menzinger G, Pham HT, Rosenblum BI, Lyons TE, Giurini JM, Smakowski P, Chrzan JS, Habershaw GM, Veves A, Foster AM, Bates M, Doxford M, Edmonds ME, Kecha O, Winkler R, Martens H, Collette J, Lefèbvre PJ, Greiner D, Geenen V, Atlan-Gepner C, Naspetti M, Valéro R, Barad M, Lepault F, Vialettes B, Naquet P, de Galan B, Netea MG, Hancu N, Smits P, Van der Meer JW, Osterbye T, Jørgensen KH, Tranum-Jensen J, Fredman P, Høy M, Bokvist K, Olsen HL, Horn T, Gromada J, Laub R, Lohmann T, Hahn HJ, Adler T, Emmrich F, Rabuazzo AM, Lupi R, Dotta F, Patanè G, Marselli L, Realacci M, Piro S, Del Guerra S, Santangelo C, Navalesi R, Purrello F, Marchetti P, de Vos P, Visser L, de Haan BJ, Klok P, van Schilfgaarde R, Poppema S, Juang JH, Kuo CH, Hsu BR, Nacher V, Pérez M, Biarnés M, Raurell M, Soler J, Montanya E, Ritzel R, Maubach J, Büsing M, Becker T, Klempnauer J, Hücking K, Schmiegel WH, Nauck MA, Bouček P, Saudek F, Adamec M, Kožitarová R, Jedináková T, Vlasáková Z, Skibová J, Bartoš V, Maffi P, Bertuzzi F, Aldrighetti L, Taglietti MV, Castelnovo A, Pozza G, Di Carlo V, Secchi A, Renier G, Mamputu JC, Gillespie JS, McMaster D, Mercer C, Trimble ER, Lecomte M, Véricel E, Paget C, Ruggiero D, Lagarde M, Wiernsperger N, Pricci F, Leto G, Amadio L, Cordone S, Iacobini C, Catalano S, Violi F, Rotella CM, Pugliese G, Zicari A, Gradini R, Sale P, Pala L, Cresci B, Giannini S, Manuelli C, Dahlfors G, Arnqvist HJ, Gonelle-Gispert C, Halnan PA, Sadoul K, Wolter S, Lang J, Niwa T, Yu W, Hidaka H, Senda T, Niki I, Fukasawa T, Renstrom E, Barg S, Seward E, Rorsman P, Rutter GA, Molinete M, Lilla V, Ravazzola M, Halban PA, Efanov AM, Bertorello AM, Zaitsev SV, Zwiller J, Berggren PO, MŞengül A, Salman F, Sargrn M, Özer E, Karşıdağ K, Salman S,

Gedik S, Satman I, Dinççağ N, Yilmaz MT, Lloyd A, Hopkinson PK, Testa MA, Blonde L, Turner RR, Hayes J, Simonson DC, van der Ven NC, Lubach CH, Snoek FJ, Mollema ED, van der Ploeg HM, Danne T, Hoey H, McGee H, Fitzgerald H, Lernmark B, Thernlund G, Fredin K, Hägglöf B, Lugari R, Dell'Anna C, Ugolotti D, Dei Cas A, Barilli AL, Sard L, Marani B, Iotti M, Zandomenoghi R, Gnudi A, Kjems LL, Volund A, Toft-Nielsen M, Damholt MB, Hilsted L, Hughes TE, Krarup T, Holst JJ, Young A, Gottlieb A, Fineman M, Kolterman O, Cancelas J, García-Martínez JA, Villanueva-Peñacarrillo ML, Valverde I, Malaisse WJ, Filipsson K, Ahrén B, Balkan B, Kwasnik L, Battle B, Li X, Egan JM, Clocquet AR, Elahi D, Petrella E, Prickett K, Petersen KF, Sullivan JT, Amatruda JM, Livingston JN, Shulman GI, Freyse EJ, Knospe S, Glund K, Demuth HU, Walker D, Malik RA, Reljanovic M, Barada A, Milicevic Z, Tack CJ; Croatian Study Group for Diabetic Amyotrophy, Goldstein DS, Van Huysen C, Stevens MJ, Cao X, Sundkvist G, Dahlin LB, Eriksson KF, Rosén I, Lattimer SA, Sima AA, Sullivan K, Shaw JE, de Courten MP, Zimmet PZ, Gourdy P, Ruidavets JB, Arveiler D, Amouyel P, Bingham A, Tauber JP, Lam KS, Wat NM, Lam TH, Janus ED, de Pablos P, Rodriguez F, Martínez J, Sánchez V, Santana C, García I, Macías A, Levin K, Hother-Nielsen O, Henriksen JE, Beck-Nielsen H, Brechtel K, Machann J, Koch M, Nielsen M, Löblein K, Becker R, Deniginger M, Renn W, Machicao F, Claussen CD, Schick F, Diraison F, Moulin P, Beylot M, Thams P, Capito K, Eliasson L, Barg S, Göpel S, Kanno T, Renström E, Meda P, Charollais A, Gjnovci A, Calabrese A, Wonkam A, Caton D, Wiszniewski L, Serre V, Cogne F, Bauquis J, Bosco D, Huarte J, Herrera P, Gotfredsen CF, Vessby B; KANWU study group, Manuel Y, Keenoy B, Engelen W, Vertommen J, Schrans S, Louheranta A, Lindström J, Tuomilehto J; Finnish Diabetes Prevention Study Group, Segal KR, Heymsfield S, Hauptman J, Boldrin M, Lucas C, Pandolfi A, Cetrullo D, Polishchuck R, Alberta M, Pellegrini G, Calafiore A, Vitacolonna E, Capani F, Consoli A, Halleux CM, Gillot EF, Brichard SM, Van der Planken M, Corthouts B, Peiffer F, Scholten D, Walke M, Assert R, Pirags V, Pedula KL, Hillier TA, Brown JB; EURODIAB Prospective Complications Study (PCS) Group, Santini SA, Marra G, Cotroneo P, Manto A, Di Leo MA, Di Gregorio S, Tordi A, Pitocco D, Ruotolo V, Ghirlanda G, Temelkova-Kurktschiev T, Schaper F, Koehler C, Henkel E, Hanefeld M, Mancini L, Citterio F, Cotroneo A, Ceroone S, Castagneto M, Rajbhandari SM, Dent MT, Plater ME, Harris ND, Tesfaye S, Ward JD, Dupuy O, Mayaudon H, Lecoules S, Bauduceau B, Palou M, Farret O, Molinié C, Antonelli-Incalzi R, Fuso L, Giordano A, Calcagni ML, Todaro L, Basso S, Tramaglino LM, Troncone L, Pistelli R, Guillot R, Bringuier A, Porokhov B, Guillausseau PJ, Feldmann G, Zivanic S, Cizmic M, Dragojevic R, Vanovic M, Borghouts LB, van Kranenburg GP, Schaart G, Keizer HA, Niess AM, Dickuth HH, Lutz O, Barbe P, Calazel-Fournier C, Hernandez G, Saint-Martin F, Galitzky J, Gonçalves AA, da Silva EC, Brito IJ, da Silva CA, Lawrence NJ, Kousta E, Mulnier H, Penny A, Millauer B, Johnston DG, Robinson S, Perriello G, Pimenta W, Pampanelli S, Lucidi P, Lepore M, Porcellati F, Cordini MC, De Feo P, Bolli GB, Sjöstrand M, Holmäng A, Lönnroth P, Hauer B, Grauer P, Artzner S, Lang R, Stumvoll M, Monti LD, Piatti PM, Gemone F, Valsecchi G, Magni M, Barbieri E, Setola E, Sandoli EP, Galli-Kienle M, Pontiroli AE, Nichols GA, Brown JB, Salzsieder E, Boltz H, Ramirez JC, Rutscher A, Fischer U, Koenig C, Friske M, Schramm W, Landgraf R, Bachmann W, Bangemann M, Groeneveld G, Edvell A, Lindström P, Tsiotra P, Koukourava A, Raptis SA, Tsigos C, Boutou E, Triandafilopoulou A, Egido EM, Rodríguez-Gallardo J, Gutiérrez E, García P, Silvestre RA, Marco J, Khan A, Ling ZC, Ahren B, Efendic S, Bünting C, Du X, Zhi Sui G, Rösen P, Koschinsky T, Kearney TM, Sharp PS, Lapolla A, Fedele D, Martano L, Garbeglio M, Seraglia R, Favretto D, Traldi P, Meerwaldt R, Smit AJ, Links TP, V Roon AM, Graaf R, Gans RO, Deynell O, Ersöz HÖ, Gogas D, Fak AS, Akalin S, Veglio M, Sivieri R, Chinaglia A, Scaglione L; Neuropathy Study Group of the Italian Society of the Study of Diabetes, Le T, Wong N, Detrano R, Charles MA, Colhoun HM, Francis DP, Rubens M, Underwood SR, Fuller JH, Knudsen E, Sato A, Nielsen FS, Bonora E, Kiechl S, Willeit J, Oberhollenzer F, Egger G, Bonadonna R, Muggeo M, Festa A, D'Agostino R Jr, Howard G, Mykkanen L, Tracy RP, Haffner SM, Poulsen P, Vach K; European Group for the Study of Insulin Resistance (EGIR), Ijzerman RG, Bakker SJ, Truster J, Crowther NJ, Cameron N, Gray IP, Chaillous L, Carel JC, Thivolet C, Boitard C, Charbonnel B, Saï P; D.I.O.R. study group, Decochez K, Keymeulen B, Somers G, Dorchy H, Rottiers R, Winnock F, Ver Elst K, Weets I, Pipeleers D, Gorus F, Seebaum S, Schumm-Draeger PM, Petzoldt R, Federlin K, Bonnevie-Nielsen V, Martensen PM, Justesen J, Worsaa A, Karlsson M, Sederholm S, Ludvigsson J, Bélicar P, Dale C, Vague P, Alessis C, Lassmann-Vague V, Bode BW, Gross

TM, Ghegan M, Steed RD, Davidson PC, Ordoñez A, Rubio JL, Sulleiro JM, Buendía JP, Zamora J, Castillo M, Schaupp L, Ellmerer M, Brunner GA, Sendlhofer G, Schlack C, Skrabal F, Wach P, Pieber TR, Heinemann L, Krämer U, Klötzer HM, Hermann M; Non-Invasive Task Force, Cosgrove KE, Chapman JC, Shepherd RM, McIntyre S, Butler PC, Dunne MJ, Brekardin E, Dörschner H, Schwanstecher C, Schwanstecher M, Uhde I, Emmanouilidou E, Teschemacher AG, Pouli AE, Gylfe E, Tengholm A, Hellman B, Perfetti R, Aggarwal S, Müller G, Welte S, Wied S, Valverde AM, Mur C, Kahn CR, Benito M, Rondinone CM, Peterson T, Laviola L, Belsanti G, Logoluso F, Napoli R, Davalli AM, Weir GC, Giorgino R, Giorgino F, Flesch S, Hompesch B, Rave K, Susanto F, Kühn-Velten WN, Heise T, Rendell M, Dole J; Rosiglitazone Study Group, Esper RJ, Stein E, Lemme L; Cerivastatin/Bezafibrate Latin America Study Group, Rubinstein A, Maritz FJ, Soule S, Market A, Chajek-Shaul T, Maislos M, Tal S, Stolerio D; HIDM investigators, Josefsen K, Beckmann H, Petersen C, Ekman R, Efanova I, Zaitsev S, Berggren PO, Birkenbach M, Holl RW, Rosenbauer J, Grabert M; German Working Group on Quality Control, Icks A, Schwab O, Reile K; German Pediat. Working Group, Janssen MM, de Jongh RT, Casteleijn S, Masurel N, Hoogma RP, Santeusano F, Brunetti P, Fanelli CG, Laureti S, Bartocci L, Maran A, Crepaldi C, Trupiani S, Macdonald IA, Avogaro A, Bouman SD, Keitz M, Bruggink JE, Scheurink AJ, Strubbe JH, Steffens AB, Ferguson SC, McCrimmon RJ, Perros P, Best JJ, Deary IJ, Frier BM, Robinson RT, Ireland NH, Bedford C, Fairclough E, Hudson S, Heller SR, Borch-Johnsen K, Berger M, Overmann H, Bender R, Blank M, Sawicki P, Jörgens V, Mühlhauser I, Nosadini R, Sailer A, Dalla Vestra M, Brocco E, Piarulli F, Frigato F, Sambataro M, Velussi M, Baggio B, Fioretto P, Jager A, van Hinsbergh VW, Kostense PJ, Nijpels G, Gæde P, Pedersen O, Andrysiak-Mamos E, Majkowska L, Krzyżanowska B, Pilarska K, Czekalski S, Mazzon C, Brocco S, Field LL, Nejntsev S, Gombos Z, Veijola R, Knip M, Simell O, Vaarala O, Åkerblom HK, Ilonen J, Krokowski M, Bodalski J, Andrzejewski W, Ławnik M, Teodorczyk A, Heinrich A, Caillat-Zucman S, Buzzetti R, Petrone A, Mesturino C, Giorgi G, Fiori R, Nisticò L, Di Genova G, Cascino I, Klötting I, Kovacs P, McKinney PA, Okasha M, Parslow RC, Law GR, Gurney KA, Williams R, Bodansky HJ, Herzig P, Giani G, Vervoort G, Lutterman JA, Berden JH, Wetzels JF, Paniagua O, Shaw L, Austin C, Heagerty AM, Seppälä-Lindroos A, Vehkavaara S, Yki-Järvinen H, Caballero AE, Lim SC, LoGerfo FW, Horton ES, Zembowicz A, Fragasso G, Caumo A, Phan VC, Costa S, Conti M, Chierchia SL, Vigili de Kreutzenberg S, Marchetto S, Calò L, Wascher TC, Wölkart G, Brunner F, Tripathy D, Carlsson M, Isomaa B, Tuomi T, Groop L, Stoffers DA, Muller DC, Wideman L, Chin GA, Clarke WL, Hanks JB, Habener JF, Guazzarotti L, Toffolo G, Clementi L, Vespasiani G, Cobelli C, Clauin S, Bellanné-Chantelot C, Bartolotta E, Gautier JF, Wilson C, Weyer C, Mort D, Knowler WC, Polonsky K, Bogardus C, Pratley RE, Porksen N, Veldhuis JD, Polonsky KS, Byrne MM, Brandt A, Arnold R, Katschinski M, Göke B, Hardt E, Fritsche A, Stefan N, Schützenauer S, Lüddecke HJ, Renner R, Hepp KD, Shnawa N, Krugluger W, Hopmeier P, Schernthaner G, Kautzky-Willer A, Prager R, Fallucca F, Sabbatini A, Sciallo E, Torresi P, Mazziotti F, Maroccia E, Napoli A, Buongiorno A, Deberg M, Dozio N, Castiglioni MT, Sodoyez-Goffaux F, Carvalheiro M, Fagulha I, Fagulha A, Gomes L, Paiva S, Marta E, Sobral E, Leitão F, Pinto L, Ruas M, Buchanan T, Di Cianni G, Volpe L, Casadidio I, Bottone P, Teti G, Boldrini A, Benzi L, Rasera T, Becciu V, Beretta A, Almirante G, Castiglioni M, Kerényi Z, Stella P, Nádasdi Á, Baranyi É, Csákány MG, Tamás G, Mehta ZM, Manley S, Zimmet P, Bottazzo GF, Hoey H, Mollensen H, Hougaard P, McGee H, Vidal J, Fernández M, Sesmilo G, Casamitjana R, Gomis R, Conget I, Rathmann W, Curran S, Mitchell J, Hennings S, Katsaros T, Saffianis I, Gigiakou E, Kasi E, Polychroniades V, Dzien A, Dzien-Bischinger C, Hadjidakis D, Apostolopoulou N, Sfakianakis M, Raptis AE, Ryssy L, Häkkinen AM, Goto T, Westerbacka J, Halavaara J, Libman I, Pietropaolo M, LaPorte R, Pietropaolo S, Becker D, Pirie FJ, York DF, Motala AA, Omar MA, Tzaneva V, Iotova V, Jaeger C, Hatziagelaki E, Stroedter A, Becker F, Bretzel RG, Strebelow M, Schlosser M, Ziegler B, Ziegler M, Wassmuth R, Ostrauskas R, Žalinkevičius R, Norkus A; Lithuanian Collaborative Group for the Epidemiology of Diabetes, Jarosz-Chobot P, Otto-Buczkowska E, Koehler B, Maklakiewicz E, Green A, Ionescu-Tirgoviste C, Serban V, Guja C, Mota M, Creteanu G, Calin A, Morosan M, Ferariu I, Halmagy I, Cristescu I, Strugariu M, Minescu A, Barbul R, Visalli N, Sabastiani L, Adorisio E, Cassone Faldetta MR, Multari G, Casu A, Songini M, Pozzilli P; IMDIAB Study Group, Muntoni S, Wäänänen S, Law G, Muntoni S, Shubnikov E, Choubnikova J, Mikulecký M, Michalková D, Hlava P, Teuscher AU, Reinli K, Teuscher A, Zhao HX, Stenhouse E, Moyeed R, Demaine AG, Millward BA,

Feltbower RG, Holland P, Campbell F, Fear NT, Wasmuth HE, Elliott RB, McLachlan C, Erhardt G, Kolb H, Guaita G, Pelligra I, Motzo C, Obinu M, Cossu E, Cirillo R, Kinalski M, Krętowski A, Bingley P, Kinalska I, Douek IF, Bingley PJ, Gale EA, Imagawa A, Hanafusa T, Miyagawa J, Matsuzawa Y; Osaka IDDM Study Group, Todd JA, Welsh K, Marshall S, Nolsøe R, Kristiansen OP, Larsen Z, Johannesen J, Jahromi MM, Larsen ZM, Kyvik KO, Jeanclos E, Schork NJ, Aviv A, Sieradzki J, Małecki MT, Klupa T, Hanna L, Sieradzka J, Frey J, Królewski AS, Calvo B, Bilbao JR, Perez de Nanclares G, Castaño L, Santos JL, Pérez-Bravo F, Piquer S, Puig-Domingo M, Carrasco E, Calvillán M, De Leiva A, Albala C, Cavallo MG, Manca Bitti ML, Suraci C, Crinò A, Giordano C, Cervoni M, Sbriglia MS, Bizzarri C, Marietti G, Fuchtenbusch M, Bonifacio E, Kredel K, Schnell O, Ziegler AG, Assaad-Khalil SH, Michelsen BK, El-Azzouni O, Abou-Seif M, Kamel F, Fouad K, Abdel-Aty T, El-Sheikh S, Zamani M, Pociot H, Nerup J, Cassiman JJ, Olivares E, Ladrière L, Laghmich A, Sener A, Scott FW, Ivanova O, Poltorack V; Pramlintide Type 1 Study Group; Pramlintide Type 2 Study Group, Gorbenko N, Gladkich A, Nikitchenko I, Dunger A, Augstein P, Berg S, Williams AJ, Norcross AJ, Gillmor HA, Lampasona V, Bernasconi L, Hermite L, Martin-Moutot N, Boucraut J, Seagar M, Couraud F, Scirpoli M, Maioli M, Tonolo G, Bekris L, Schranz D, Ciccarese M, Lernmark A, Lee HC, Nam JH, Ahn CW, Song YD, Lim SK, Kim KR, Huh KB, Fajardo C, Carmona E, Sanchez-Cuenca JM, Campos V, Carles C, Brazales A, Merino F, Piñón F, Mašek Z, Perušičová J, Bárová H, Šterzl I, Hejduková H, Schneiderka P, Hink S, Muzyka B, Streit G, Kopp HP, Kroiss A, Tankova T, Dakovska L, Kirilov G, Koev D, Abrams P, De Block C, Rooman R, Du Caju M, Eibl NL, Wolf H, Eibl MM, Di Cesare E, Previti M, Lombardo F, Di Benedetto A, Romano G, De Luca F, Cucinotta D, Brunelle RL, Huang J, Fineberg SE, Anderson JH, List C, Lamesch P, Kohlhaw K, Schwarz C, Wenzke M, Richter O, Hauss J, Zeng SF, Xu XS, Zheng SX, Shii K, Baba S, Bonfanti R, Bazzigaluppi E, Meschi F, Boggetti E, Bosi E, Chiumello G, Cinapri V, Quilici S, Forotti G, Giampietro O, Matteucci E, Luppi P, Zanone MM, Rudert W, Haluszczak C, Alexander A, Bertera S, Gottlieb P, Trucco M, Irnstetter A, Jäger G, Schenker M, Ziegler MA, Myśliwiec J, Szelachowska M, Monetini L, Valente L, Coppolino G, Stefanini L, Corbi S, Spera S, Matteoli MC, Ferrazzoli F, Cantagallo A, De Mattia GC, Walker B, Sonnet E, Gibassier J, Derrien C, Massart C, Allannic H, Maugendre D, Leech NJ, Elsegood KA, Narendran P, Hubbard A, Dayan CM, Mianowska B, Bodalska-Lipińska J, Chrul S, Wyka K, Geissler A, Schneider ML, Bochow B, Koop I, Zhang TM, Zhang Y, Han CH, Jin SX, Dervogormiyacıyan H, Araslı M, Aydemir D, Yıllar G, Deniz G, Gürol AO, Aktaş E, Tütüncü Y, Pertyńska MP, Banasik M, Zeman K, Cypriak K, Wilczyński J, Tchórzewski H, Müser ES, Baier JE, Bergbauer M, Schmutz G, Figge A, Reiser M, Schmiegel W, Burkart V, Kim YE, Kauer M, Utsugi T, Kanda T, Kobayashi I, Uchiyama T, Ito H, Ohyama Y, Tomono S, Kawazu S, Nagai R, Hehmke B, Heinke P, Kelemen K, Wegmann D, Hutton JC, Wachlin G, Schröder D, Schmidt S, Schloot NC, Hanifi-Moghaddam P, Goebel C, Rothe H, Hausmann A, Laureys J, Depovere J, Waer M, Karsten V, Tritschler S, Belcourt A, Pinget M, Kessler L, Gregori S, Sala L, Smioldo S, Davalli A, Adorini L, Bo S, Repetti E, Gentile L, Fornengo P, Bruno A, Ferrero L, Kanoun F, Harzallah F, Ftouhi B, Mekaouar A, Bellaaj R, Fekih M, Mebazaa A, Zouari B, Ben Khalifa F; Turkish Diabetes Epidemiology Group, Spijkerman AM, Ruige JB, Colagiuri S, Colagiuri R, Palu T, Na'ati E, Muimui-Heata S, Samiu O, deBlieck C, Ta'ai A, Foliaki S, Hussain Z, McLennan M, Hansen CN, Ibsen H, Dogadin SA, Nozdratchev KG, Lidfeldt J, Nerbrand C, Lindholm LH, Samsioe G, Scherstén B, Agardh CD, Wójcikowski C, Grzeszczak W, Łopatyński J, Bandurska-Stankiewicz E; Screen-Pol Study Group, Mardarowicz G, Król H, Matej A, Czapryniak L, Kropiwnicka A, Drzewoski J, Viljoen E, Costa A, Martinez S, Carmona F, Levy I, Baruffaldi L, Solerte B, Mantovani E, Boullu S, Jeandidier N, Legaludec V, Costa B, Franch J, Martín F, Morató J, Donado A, Basora J, Daniel J; IGT Research Group, Sayeed MA, Mahtab H, Kibriya MG, Khanam PA, Azad Khan AK, de Courten M, Chitson P, Cox H; Mauritian NCD group, King R, Dachtler J, Johnston D, Ito C, Kataoka M, Lakhdar AA, Myers MA, Fuecker K, Echwald SM, Hansen T, Ekstrøm CT, Urhammer SA, Eiberg H, Roberts S, Barrow BA, Hainsworth J, Schousboe K, Henriksenog JE, Sørensen TI, Herlihy OM, Timmer B, Grant PJ, Bennett SM, Ghunaim SA, Stewart MW, Baroni MG, Sentinelli F, Lovari S, Vitali M, Capici F, Barbetti F, Weng JP, Lehto M, Li H, Forsblom C, Groop L, Blanche H, Morel V, Hansen L, Stanojevic V, Petersen HV, Urioste S, Stoffers D, Møller AM, Serup P, Ek J, Durviaux S, Clausen JO, Rousseau GG, Lemaigre FP, Bjørkhaug L, Njølstad PR, Lindner T, Cockburn BN, Molven A, Søvik O, Lindner TH, Horikawa Y, Sovik O, Frederiksen SK, Almind K, Van Obberghen E, Kovács P, van

den Brandt J, Fenger M, Vaag A, Haist K, Weisser M, Rettig A, Zhang M, Chung SS, Pihlajamäki J, Karjalainen L, Karhapää P, Vauhkonen I, Cassell P, Uwakwe N, Kopelman P, Ramachandran A, Snehalaatha C, Rasmussen SK, Lautier C, Grigorescu F, Smith RJ, Frayling T, Turner R, Hitman G, Subba Rao P, Bennett AJ, Jones E, Lathrop GM, Menzel S, Wahid F, Cooper L, Scott J, Aitman TJ, Galli J, Fakhrai-Rad H, Kamel A, Marcus C, Norgren S, Luthman H, Wallis RH, Collins SC, Kaisaki PJ, Ktorza A, Lathrop M, Gauguier D, Huxtable S, McCarthy M, Shimomura H, Hanabusa T, Tsunoda K, Lazdins M, Dalgaard LT, Jensen NM, Jensen JN, Lynn S, Turnbull DM, Pérez de Nanclares G, Gaztambide S, Vázquez JA, Groves CJ, Izmajlowicz ML, Horton VA, Owen RJ, Stratton IR, Green FR, Groves C, Horton V, Owen R, Stratton I, Clark LA, Voigt A, Rochlitz H, Rau H, Braun J, Schmidt K, Plock K, Donner H, Schöneberger A, Usadel KH, Badenhop K, Bendlová B, Mazura I, Včelák J, Vondra K, Palyzová D, Svatoš J, Mikšová P, Russo G, Couture P, Wilson PW, Cupples LA, Otvos JD, Schaefer EJ, Ordovas JM, Malecki MT, Ji L, Curtis S, Rich SS, Warram JH, Krolewski AS, Gudayol M, Usac EF, van Essen EH, Roep BO, 't Hart LM, Janssen JJ, van den Ouweland JM, Lemkes HH, Maassen AJ, Nakano S, Fukuda M, Maejima K, Imaizumi N, Kitazawa M, Nishizawa M, Kigoshi T, Uchida K, Le Gall JY, David V, Baltrusch S, Richter T, da Silva Xavier G, Dickens M, Belin VD, Green IC, Burns CJ, Squires PE, Howell SL, Persaud SJ, Ban N, Yamada Y, Someya Y, Ihara Y, Tsuda K, Seino Y, Alcazar O, Tyrberg B, Carlsson C, Andersson A, Mukai E, Ishida H, Fujimoto S, Kajikawa M, Fujita J, Tsuura Y, Malaisse-Lagae F, Picton S, Tamarit-Rodriguez J, Mukala-Nsengu-Tshibangu A, Fernández S, Giné E, Ortsäter H, Liss P, Åkerman KE, Bergsten P, Hu S, Wang S, Roos ES, Gounarides JS, Shapiro MJ, de Souza CJ, Papas KK, Nishimura M, Kadiata MM, Louchami K, Jijakli H, Rajan AS, Kuang S, Iyer D, Waddell ID, Holloway BR, Ishihara H, Wang H, Wollheim CB, Ayvaz G, Mercan D, Rasschaert J, Giroix MH, Scruel O, Portha B, Broca C, Fernandez-Alvarez J, Manteghetti M, Gross R, Sauvaire Y, Petit P, Ribes G, McClenaghan NH, Ball AJ, Flatt PR, Rustenbeck I, Dickel C, Winkler M, Grimmsmann T, Meyer U, Gross I, Barnes PD, O'Brien RE, Abdel-Wahab YH, Hashmi MN, Giesberts AN, White SJ, Cooper EJ, Hudson AL, Eglen RM, Dillon MP, Chan SL, Morgan NG, Parini A, Gotfredsen C, Ullrich S, Su J, Rösier M, Hescheler J, Greger R, Wardt R, Arredouani A, Gailly P, Henquin JC, Gilon P, Macfarlane WN, Docherty K, Jonkers FC, Schöfl C, Börger J, von Zur Mühlen A, Brabant G, Grapengiesser E, Harris TE, Buchan AM, Jones PM, Jaikaran ET, Marcon G, St George-Hyslop PH, Fraser PE, Clark A, Lebrun P, Antoine MH, Nguyen QA, Rorsman P, Wasmeier C, Antinozzi P, Maechler P, Schwartz E, Wollheim C, Roderigo HM, Matsumoto K, Ebihara K, Yamamoto H, Tabuchi H, Fukunaga K, Yasunami M, Ohkubo H, Miyamoto E, Horn PA, García-Barrado MJ, Sancho C, Martín M, Moratinos J, Westerlund J, Lin JM, Brown R, Björklund A, Grill V, Detimary P, Guiot Y, Rahier J, Elmi A, Sehlin J, Hauge-Evans AC, Cybal M, Druzyńska J, Wierzchowska J, Krippeit-Drews P, Drews G, Krämer C, Jornot L, Düfer M, Nöda M, Yamashita S, Takahashi N, Tsubamoto Y, Kasai H, Sharp GW, Lambert N, Joos HC, Ammon HP, Wahl MA, Ainscow EK, Zhao C, Fabregat ME, Fernández-Álvarez J, Franco C, Novelli M, Fernández-Alvarez J, Masiello P, Lajoix A, Beffy P, Roux S, Chardès T, Roye M, Lajoix AD, Reggio H, Peraldi-Roux S, Henningsson R, Salehi A, Lundquist I, Stickings P, Mistry S, Ratcliff H, Morris SM Jr, Cunningham JM, Ekelund M, Ermakova NV, Paulssen RH, Florholmen J, Carmellini M, Mosca F, Patané G, Longo D, Squatrito S, Clement L, Magnan C, Vincent M, Penicaud L, Assimacopoulos-Jeannet F, Vigneri R, Rolfsen SE, Gregersen S, Hermansen K, Blondeau B, Rojas I, Novials A, Femández-Usac E, Cristóbal P, Higham CE, Lawrie L, Sherman KI, Birch N, Tito P, Robinson CV, de Koning EJ, Verbeek JS, Esapa C, Laube B, Powell DS, Maksoud H, Chargé SB, Matthews DR, Stratton IM, Karlsson S, Myrsén-Axcrona U, Östlund B, Sundler F, Bertrand G, Puech R, Bockaert J, Persson-Sjögren S, Täljedal IB, Mooney MH, O'Harte FP, Simonsson E, Abdel-Halim SM, Efendić S, Ahrén B, Yanagida K, Arima T, Yada T, Egéa JC, Hirtz C, Deville de Périère D, Meoni C, Falqui L, Arcelloni C, Paroni R, Folli F, Barry R, Turner NC, Tadayyon M, Arch JR, Sutti F, Perego L, Baglioni S, Otte A, Soggi C, Raffaele HS, Stumpf E, Aalto Y, Otonkoski T, Knuutila S, Andersson LC, Berra C, Furlan R, Coppelli A, Tellini C, Bordignon C, Rouiller DG, Lister CA, Moore GB, Piercy V, Newman M, Chapman H, Smith SA, Anastasi E, Bulotta A, Tiberti C, Ponte E, Liddi R, Taruscio D, Falchi M, Annerén C, Welsh M, Bernard C, Ilic C, Guilbert V, Palgi J, Korbütt GS, Rayat GR, Rajotte RV, Kieffer TJ, Karlsson E, Sandler S, Boujendar S, Huotari MA, Miettinen PJ, Keski-Oja J, Breda E, Pacini G, Vilsbøll T, Toft-Nielsen MB, Dinesen B, Corssmit EP, Qvigstad E, Mostad IL, Bjerre K, Ann CW, Kume M, Hiramatsu M,

Taniguchi J, Saito Y, Kawasaki Y, Kanazawa M, Notoya Y, Hayashi T, Djemli A, Gallice P, Coste T, Jannot MF, Dufayet D, Raccach D, Vague P, Sattar S, Basak RC, Hasan Z, Ali L, Nikulina MA, Karlsen AE, Hong TP, Andersen NA, Puren AJ, Fantuzzi G, Dinarello CA, Gysemans CA, Sparre T, Fey S, Larsen PM, Andersson AK, John NE, Fey SJ, Mose Larsen P, Frigerio S, Ghayur T, Holländer GA, Zumsteg U, Pinach S, Monge L, Grassi G, Pasquero P, Ruiu G, Dall'Omo A, Carta Q, Hadjivassiliou V, Dunger AM, Green MH, Rasilainen S, Roivainen M, Ylipaasto P, Bouwens L, Hovi T, Sekine N, Takahashi K, Ishikawa T, Okazaki T, Fujita T, Elliott J, Scarpello JH, Conroy S, Byrne P, Newsholme P, Harrison M, Green IC, Kaya F, Süssleyici B, Öztürk M, Eisner M, Guldbakke B, Karpenko N, Brizgalova G, Alesina M, Røder ME, Schwartz RS, Prigeon R, Kahn SE, Kendereški A, Micić D, Šumarac M, Macut D, Zonč S, Čolić M, Cvijović G, Gligorović P, Courtney CH, Atkinson AB, Ennis C, Sheridan B, Bell PM, Jolly M, Amin R, Godsland I, Horvoka R, Anyaoku V, Lawrence N, Krasova N, Sergienko L, Mingrone G, Plat L, Balasse EO, Zykova T, Jenssen T, Strelkova A, Zykova S, Tipisova E, Féry F, Wijenaike AN, Watt PW, Jung RT, Bolton-Smith C, Rennie MJ, Ludvik B, Aigmueller T, Waldhaeusl W, Courtois P, Bource F, Guenat E, Philippe J, Jéquier E, Tappy L, Benny S, Grönemeyer D, Aygen S, Scholz N, Busch M, Tauveron I, Rochon C, Dejax C, Benoit P, Capitan P, Bayle G, Prugnaud J, Fabricio A, Champredon C, Thieblot P, Grizard J, Nielsen MF, Nyholm B, Chandramouli V, Schumann WC, Landau BR, Rizza RA, Mitrakou A, Meyer C, Talias A, Platanisiotis D, Vlachos L, Gerich J, Wajngot A, Sprangers F, Jellema WT, Lopuhaä CE, van Lieshout JJ, van der Zee JS, Mithieux G, Croset M, Zitoun C, Hurot JM, Rajas F, Montano S, Willem R, Verbruggen I, Grue-Sørensen G, Björkling F, Watson ND, Burns SP, Murphy HC, Iles RA, Cohen RD, Rooney K, Swan V, Phuyal J, Millar J, Bryson J, Denyer G, Caterson I, Thompson C, Gaster M, Handberg A, Schröder HD, Alzaid A, Sobki S, Thye-Rønn P, Alford F, Christopher M, Gras F, Brunmair B, Neschen S, Py G, Lambert K, Raynaud E, Mercier J, Tsuchihashi K, Sumida Y, Fujimoto H, Nakamura M, Miyata E, Furuta M, Katsuki A, Ito K, Sasaki R, Hori Y, Yano Y, Adachi Y, Lauritz J, Eriksson JW, Burén J, Zhao LJ, Li ZC, Kullin M, Karlsson FA, Redondo A, Puente J, Clemente F, González N, Moberg E, Amer P, Hagström-Toft E, Bolinder J, Björnholm M, Krook A, Galuska D, Myers M Jr, Zierath JR, Wallberg-Henriksson H, Niklasson M, Strindberg L, Sternberg F, Hebeda S, Kratzer W, Salgado MI, Hoss U, Kalatz B, Lohmann S, Fussgänger R, Khomazjuk AI, Ncscheret AP, Gonchar IV, Quinones-Galvan A, Sironi AM, Cominacini L, Nagai Y, Yamashita H, Takamura T, Kobayashi K, Szanto I, Peth JA, Kinnick TR, Youngblood EB, Tritschler HJ, Henriksen EJ, Gašperíková D, Rufo C, Teran-Garcia M, Nakamura MT, Clarke SD, Pye S, Zhang Z, Radziuk J, Guignot L, Bell KS, Lim-Fraser M, Cooney G, Kraegen EW, Takayama S, Legare DJ, Macedo MP, Lutt WW, Bradley B, Barron P, Davies J, Ader M, Richey JM, Ait El Mkaem S, Macari F, Renard E, Méchaly I, Brun JF, Cros G, Bringer J, Del Aguila LF, Krishnan RK, Farrell PA, Ulbrecht J, Correll PH, Kirwan JP, Mei J, Rahn-Landström T, Brindley D, Manganiello V, Degerman E, Ziv E, Shafrir E, Kaiman R, Galer S, Bar-On H, Geró L, Földes K, Janssen J, Járay J, Perner F, Haap M, Houdali B, Schmit MB, Dietze GJ, Perrini S, Natalicchio A, Montrone C, de Robertis O, De Pergola G, Strack V, Kellerer M, Kausch C, Condorelli G, Beguinot F, Häring HU, Song XM, Chibalin AV, Ryder JW, Jiang XJ, Alessi DR, Hennige AM, Metzinger E, Seipke G, Trüb T, Hey A, Sørensen AR, Schäffer L, Drejer K, Kurtzhals P, Hansen BF, Matozaki T, Noguchi T, Yamao T, Takada T, Ochi F, Takeda H, Inagaki K, Hosoka T, Kasuga M, Schürt M, Meier M, Drenckhan M, Meyer M, Aries SP, Klein HH, Telting D, van der Zon GC, Dorrestijn J, Maassen JA, Clapham JC, Holder JC, Tomlinson KM, Pickavance L, Buckingham R, Wilding J, Jacinto SM, Harrold J, Ljung B, Kjellstedt A, Thalén P, Widdowson P, Williams G, Oakes N, Aoki K, Saito T, Satoh S, Mukasa K, Kaneshiro M, Kawasaki S, Hoshino K, Okamura A, Sekihara H, Smith U, Johansson A, Nilsson E, Olausson T, Nakazawa T, Suzuki M, Martinez J, Murado P, Azal Ö, Yönm A, Çakır B, Polat Z, Kutlu M, Çorakçı A, Bayraktar M, Gürlek A, Koray Z, Damian MS, Linn T, Laube H, Arzner S, Meißner HP, Giunti S, Comune M, Cassader M, Conte MR, Sacchi C, Musso G, Mecca F, Depetris N, Gambino R, Perin PC, Kawakami S, Sandqvist M, Jansson PA, Šindelka G, Widimský J, Haas T, Prázný M, Mari A, Nolan JJ, Uusitupa MI, Karşıdağ K, Hacıhanefioğlu B, Dinççağ N, Drivsholm T, Palacios RT, Vølund A, Pedersen OB, Letiexhe MR, Scheen AJ, Quiñones Galvan A, Simeoni M, Basu A, Uosukainen A, Mäkimattila S, Schlenzka A, Adler AI, Levy J, Stevens R, Matthews D, Holman R, Boland BJ, Jeanjean M, Hermans MP, Maudouigt C, Tonglet R, Robert A, Quiñones-Galvan A, Cini G, Galetta F, Sanna G, Gernone F, Janssen MJ, Gonera RK, Wolffenbuttel BH, de Leeuw PW, Schaper NC, Moleda P,

Kuczerowski R, Czech A, Tatoń J, Taddei S, Patiag D, Qu X, Wilkes M, Gray S, Seale JP, Donnelly R, Campión J, Maestro B, Dávila N, Carranza MC, Calle C, Hales CN, Fernández-Real JM, Grasa M, Pugeat M, Barret C, Ricart W, Lindmark S, Olsson T, Tufvesson M, Loeblein K, Mehnert B, Haering HU, Rave K, Heise T, Clauson P, Hirschberger S, Heinemann L, Claret M, Nadal B, Truc A, Rossi L, Hildebrand P, Ketterer S, Beglinger C, Keller U, Gyr K, Parvin S, Overkamp D, Vayreda M, González-Huix F, G-Huix F, Zavaroni I, Gasparini P, Massironi P, Zuccarelli A, Delsignore R, Reaven GM, Sheu WH, Lee WJ, Chen YT, Iraklianos S, Tournis S, Volonakis I, Spylopoulou M, Bilianou E, Melidonis A, Foussas S, Güler S, Çakir B, Demi Rbaş B, Gürsoy G, Serter R, Aral Y, Morton G, Lee S, Fahey R, de Silva A, Cai XJ, Buckingham RE, Arch JR, Wilson S, Clausen JT, Kristensen P, Nielsen PF, Wulff BS, Thim L, Holness MJ, Sugden MC, Fryer LG, Munns MJ, Mannucci E, Ognibene A, Cremasco F, Bardini G, Mencucci A, Ciani S, Pierazzuoli E, Tsuchihashi K, Rigalleau V, Delafaye C, Baillet L, Vergnot V, Brunou P, Gatta B, Gin H, Felber JP, Munger R, Assimacopoulos F, Bobbioni E, Golay A, Wilken M, Larsen FS, Buckley D, Molina LM, Marquez L, Arceo A, Hernandez C, Kofod H, Damholt AB, Buchan A, Márquez L, Luque MA, Sarti L, Sutton PJ, Behle K, Heimesaat MM, Hüfner M, Gravholt CH, Møller N, Christiansen JS, Schmitz O, Deacon CF, Brock B, Knudsen LB, Agersø H, Huusfeldt PO, Kelly CM, Brunn C, Schioos J, Sewing S, Lemansky P, Wawro S, Mest HJ, Taguchi T, Motoshima H, Yoshizato K, Guenifi A, Henriksson M, Johansson J, Shafqat J, Tally M, Wahren J, Jömvall H, Ekberg K, Rigler R, Pramanik A, Kratz G, Johansson BL, Uhlén M, Jörmvall H, Forst T, Dufayet De La Tour D, Kunt T, Pfützner A, Goitom K, Pohlmann T, Schneider S, Johansson BL, Löbig M, Engelbach M, Beyer J, Ekman B, Nyström F, Arnqvist HJ, Halvatsiotis PG, Meek S, Bigelow M, Nair KS, Maghsoudi S, Fisker S, Vølund AA, Jørgensen JO, Christiansen JS, Hilsted J, Mazerkina NA, Tiulpakov AN, Gorelyshev SK, Peterkova VA, Macut DJ, Dieguez C, Casanueva FF, Catalina PF, Mallo F, Andrade A, García-Mayor RV, Popova VV, Ter Maaten JC, Popp-Snijders C, Madsen L, Ukropec J, Bergene E, Rnstan AC, Berge R, Arner P, Wahl G, Häring H, Bryson JM, Curtis SE, Caterson ID, Winzell MS, Svensson H, Ahnén B, Holm C, Phillips C, Madigan C, Owens D, Collins P, Johnson A, Tomkin GH, Cabezas MC, van Oostrom AJ, Erkelens DW, Summers LK, Fielding BA, Ilic V, Clark ML, Frayn KN, Pietzsch J, Julius U, Nitzsche S, Fischer S, Lindgren C, Amrot-Fors L, Hoffmann MM, Luft D, Schmölling RM, D'Adamo M, Leonetti F, Paoloni A, Ribaudo MC, Basso MS, Elmore U, Restuccia A, Sbraccia P, Emilsson V, O'Dowd J, Heyman R, Cawthorne MA, Pelikánová T, Kazdová L, Žák A, Chvojková Š, Özer EM, Kadioğlu P, Korugan Ü, Hatemi H, Rivellese AA, Dullaart RP, Riemens SC, Sluiter WJ, van Tol A, Farnier M, Megnier S, Turpin G; Cerivastatin Combination Therapy Study Group, Stulp BK, Brambilla P, Brunelli A, Riva MC, Manzoni P, de Poli S, Riboni S, Stolk RP, Meijer R, Wink O, Zelissen PM, van Gils AP, Grobbee DE, Vilarrasa N, Gimenez O, Lopez L, Insa R, Fdez Castañer M, Cabrera-Rode E, Perich P, Diaz-Horta O, Molina G, Fernández Castañer M, López L, Jiménez O, Boltaña A, Ampudia-Blasco FJ, Martínez I, Civera M, Ascaso JF, Carmena R, Ahmed K, Luzio S, Furmaniak V, Owens DR, Dionadji M, Mbaissouroum M, Anderson J, Garg S, MacKenzie T, Shephard M, Peery B, Chase H, Holstein A, Thießen E, Kaufmann N, Egberts EH, Lutgers HL, Hullegie LM, Hoogenberg K, Wientjes KJ, Schoonen AJ, Wientjes KJ, Schoonen AJ, Weitgasser R, Gappmayer B, Pichler M, Sapin R, Friess P, Eskes SA, de Vries JH, Pouwer F, van Ballegooie E, Spijker AJ, Jeng L, Winsett J, Tubiana-Rufi N, Munz-Licha G, Polak M, Sheehan J, Ulchaker M, Toeller M, Üstün A, Yilmaz MT, Aparicio M, Peyron E; EURODIAB Complications Study Group, Rizkalla SW, Taverna M, Guerre-Millo M, Chevalier A, Pacher N, Slama G, Gorshunskaya M, Buyken AE, Heitkamp G, Kabir M, Oppert JM, Wursch P, Bruzzo F, Rahman MH, Fatima K, Ahmed S, Mondal HN, Yilmaz M, Öztok U, Karakoç A, Çakır N, Düzgün E, Yetkin I, Arslan M, Şardaş S, Wilding J, Géloën A, Baret G, Dalmaz Y, Peyronnet J, Clémenceau B, Martignat L, Lalain S, Gouin E, Kenda-Ropson N, Miller AO, You S, Aguilera E, Recasens M, Flores L, Ricart MJ, Fernández-Cruz L, Esmatjes E, Crenier L, Noël C, Le Moine A, Mahy M, Danguy A, Kiss R, Goldman M, Bracci C, De Haan B, Nilsson K, Deschamps JY, Glagolichová A, Smrčková I, Dieterle C, Illner WD, Land W, Feldmeier H, Scheuer R, Lalli C, Di Loreto C, Ellringmann U, Balks HJ, V Zur Mühlen A, Dengler R, Weissenborn K, Rasmussen BM, Ørskov L, Watson J, Owen G, Barrett G, Ingleby J, Weiss M, Deary I, Cavan D, Kerr D, Bruneiii A, Cuce' A, Elsing HG, Kühne D, Quinn ND, Warner DP, Buysschaert M, Jamal R, O'Brien T, Latare P, Mullen J, Rein A, Wargo M, Parkes JL, Ginsberg B, Sotiropoulos A, Peppas TA, Kotsini V, Apostolou O, Bousboulas S, Michailidis E, Sawala M, Pappas S,

Nilsson PM, Nilsson JÅ, Berglund G, Molins T, Esteban JI, Genescà J, Paris I, Haufröid V, Selvais P, Petit JM, Duong M, Grappin M, Guiguet M, Rudoni S, Portier H, Brun JM, Bagg W, Plank L, Drury PL, Sharpe N, Braatvedt GD, Carrascosa JM, Molero JC, Fermín Y, Andrés A, Satrústegui J, Rietzsch H, Patzak A, Schwanebeck U, Simpson H, Robertson-Mackay F, Montegriffo E, Fox C, Chiasson JL, Josse RG, Dorman JM, Gerstein HC, Lau D, Leiter LA, Maheux P, Meneilly GS, Murphy L, Rodger NW, Ross SA, Ryan E, Yale JF, Wolever TM, Haller T, Elias I, Segal P, Standi E, Rybka J, Sencer E, Satman I, Schlcnzka A, Vakkilainen J, Tsaglis H, Ioannidis I, Giakoumaki A, Amantou A, Komitopoulos N, Georgiou S, Varsamis E, Katsilambros N, El Gayar M, Shereba N, Botros R, Fikry R, Jackson D, Balme M, Silva-Nunes J, Alves J, Bogalho P, Gardete-Correia L, Nunes-Corrêa J, Kot'átková A, Němcová D, Vrbíková J, Zamrazil V, Meyer L, Delbachian I, Lehert P, Cugnardey N, Drouin P, Guerçi B, Wagner OF, Jones NP, Vallance SE, Thompson KA, Miller AK, Inglis AM, Patterson S, Jorkasky D, Freed MI, Mathisen AL, Schneider R, Rubin C, Houser V, Beebe KL, Kortboyer JM, Eckland DJ, Cranmer H, Mori Y, Kurokawa N, Komiya H, Horikoshi H, Yokoyama J, Tajima N, Ikeda Y, Bakst A, Hemyari P, Lönnqvist F, Owen S, Vikramadithyan RK, Chakrabarti R, Misra P, Prem Kumar M, Sunil Kumar KB, Ghosh A, Rajagopalan R, Goldstein B, Katoh S, Tsuruoka N, Hata S, Matsushima M, Ikemoto S, Inoue Y, Edwards G, Fonseca V, Biswas N, Bakris G, Viberti G, Rebuck AS, Weill S, Abel MG, Klappoth W, Brodesser A, Linkeschowa R, Pushparaj P, Tan CH, Tan BK, Bahner A, Parker J, Waite G, Lipson V, Nahar N, Rokeya B, Parveen S, Nur-E-Alam M, Mosihuzzaman M, Hansen AK, Lepore M, Kurzhals R, Pampanelli S, Fanelli CG, Bolli GB, Ratner RE, Hirsch IB, Mecca TE, Wilson CA, Mohideen P, Mudaliar S, Deutsch R, Ciaraldi T, Armstrong D, Kim B, Morrill B, Sha X, Henry R, Meyer BH, Scholtz HE, van Niekerk N, Rosenkranz B, Schoenle E; HOE 901/3003 study group, Witthaus E, Bradley C, Stewart J, Barbeau M, Myers S, Flora D, DiMarchi R, Chance R, Plum A, Larsen PS, Larsen UD, Kristensen JB, Jansen JA, Olsen B, Mortensen H, Hylleberg B, Jacobsen LV, Gall MA, Søgaaard B, Ewing FM, Ireland RH, Hoogwerf B, Raskin P, Jovanovic L, Leiter L, Boss AH, Bott U, Ebrahim S, Hirschberger S, Leukel P, Sieber HJ, McGill J, Kilo C, Kamp NM, Wutte A, Le Thai F, Balarac N, Allicar MP, Cazeneuve B, Augendre B, Wise SD, Seah ES, Koivisto V, Torlone E, Del Sindaco P, Ciofetta M, Hedman C, Orre Pettersson AC, Lindström T, Cernigoi AM, Kong N, Kitchen MM, Ryder RE, Petkova M, Angelova-Gateva P, Malone J, Arora V, Bue-Valleskey J, Pein M, Diebler F, Roach P, Gudat U, Dreyer M, Hanusch U, Ristic S, McLeod J, Hirschberg Y, Garreffa S, Keilson L, Mather S, Gagen K, Chen W, Dragonas N, Chuang LM, Juang JH, Wu HP, Chiang YD, Li KL, Jorgensen LN, Tai TY, Cheatham WW, Kennedy F, Woo V, Jain R, Boss A, Moses R, Clauson P, Fischer T, Björk S, Østergaard A, Langendorf KW, Hatorp V, Hasslacher C, Farrar NS, Chambers NJ, Denyer GS, Johnston GA, Hashiguchi S, Jönsson A, Hallengren B, Rydberg T, Herbaut C, Turc A, Mourand I, Chevassus H, Molinier N, Christensen AL, Mathiesen ER, Stage E, Damm P, Boivin S, Gross P, Pennington M, Harder T, Kohlhoff R, Dörner G, Rohde W, Plagemann A, Ferdeghini M, Murru S, Maffei M, Cecchetti P, Dunne F, Brydon P, Smith T, Proffitt M, Holder R, Gee H, Goulis DG, Teoh TG, Asatiani N, Elphick A, Natsvlshvili M, Chanturia T, Shelestova E, Ramazashvili M, Hod M, Cederberg J, Casi AL, Pampfer S, De Hertogh R, Hinck L, Aly S, Bertie J, Botta RM, Imbergamo MP, Impiccihè MG, Todaro B, Greco D, Ekblom P, Clausen P, Feldt-Rasmussen U, Feldt-Rasmussen B, Mølsted Pedersen L, Nørgaard K, Svenningsen A, Nielsen L, Zmudzińska M, Ziętek I, Min Y, Crawford MA, Bozzoni F, Corubolo C, Borrello E, Di Biase N, Spagnolo S, Hawthorne G, Sen D, Bagust A; Northern Diabetic Pregnancy Survey, Maier W, Currie CJ, Sailesh S, Patel V, Hayes D, Cockrill B, Gatling W, Budd S, Mullee MA, Savill AW, Smithers MG, Davies RR, Sandford A, Stutz L, Vadstrup S, Simonsen V, Musaeus L, Molsing B, Lyholm B, Turner BC, Jenkins E, Hejlesen OJ, Andreassen S, Hovorka R, Cavan DA, Klinge A, Strauss KW, Guthrie R, Testa M, Zimmerman R, Sandberg M, Steinfatt H, Hardenberg R, Gottsmann M, König A, Schmauß S, Hierl FX, Renders CM, Valk GD, van Eijk JT, van der Wal G, Jermendy G, Hídvégi T; Hungarian HbA1c Screening Study Group, Müller UA, Junghänel J, Köhler S, Köhler C, Schumann M, Use G, de Valk HW, Blankestijn JG, de Bruin HJ, Bottomley J, Gillam S, Holmes J, Murphy M; TARDIS Steering Committee and UK centres, Madani SF, Müller R, Hunger Dathe W, Grüßer M, Roien D, Hussain M, Vibe-Petersen J, Braun A, Schiel R, Höfer A, Leppert K, Trento M, Passera P, Tomalino M, Bajardi M, Vaccari P, Pagnozzi F, Pomero F, Molinatti GM, Porta M, Blaauwwinkel EE, Hania M, Scholten-Jaegers SM, Links TP, Perciun R, Dumitrescu C, Skeie S, Thue G, Sandberg S, Nordfeldt S, Ludvigsson J, García R, Suárez R, Henry JL,

Kangas M, Wilson PH, Pibernik M, Szabo S, Metelko Ž, González-Clemente JM, Galdon G, De Pedro B, Fontanals L, Miñarro A, Topsever P, Azık A, Karşıdağ K, Dündar Y, Şengül A, Vileikyte L, Apostolou T, Tomenson B, Bundy CH, Gokal R, Gormley DA; WHO/IDF Patient Empowerment Workshop, Baksi AK, Hrachovinová T, Csémy L, Bartášková D, Krch FD, Gåfvels MC, Lithner F, Branchtein L, Matos MC, Gaio D, Yamashita T, Pousada JM, Duncan BB, Schmidt MI; Brazilian Gestational Diabetes Study Group, Buchanan TA, Xiang AH, Tan S, Peters RK, Trigo E, Kjos SL, Lee WP, Azen S, Ilic S, Mezic J, Pettitt DJ, Bastyr EJ, Camps I, Salcedo MD, Rius F, Rubio M, Baptista C, Martins T, Ruas MM, Acosta D, Cerrillos L, Soto A, Quijada D, Morales F, Silva H, García-Hernandez N, Villamil F, Astorga R, Selby PL, Jude EB, Biggs AM, Al-Sabbagh S, Kumar S, Rowbotham J, McKenzie WE, Dodson PM, Barnett AH, Maresh M, Alevizaki M, Anastasiou E, Grigorakis SI, Philippou G, Michalopoulou G, Souvatzoglou A, Corcoy R, Pau E, Pascual E, García-Patterson A, Albareda ML, Ccrmeño J, Altirriba O, Adelantado JM, Ubeda J, Endocrinologia S, Reichelt AJ, Nucci L, Teixeira MM, Costa-E-Forti A, Ciampalini P, Giannone G, Benedetti S, Borrelli P, Czerniawska M, Manowska B, Rami B, Schober E, Hueppe A, Granditsch G, Huber W, Bittmann B, Jaeger A, Saukkonen T, Väisänen S, Savilahti E; Childhood Diabetes in Finland Study Group, Šumník Z, Kotalová R, Loudová M, Cinek O, Šnajderová M, Koloušková S, Vavřinec J, Barbato M, Viola T, Formisano M, Hovind P, Adler IA; UK Prospective Diabetes Study Group, Makita Z, Takeuchi M, Kamada Y, Koike T, Courrèges JP, Pradier P, Bacha J, Aboud E, André L, Lamarca R; Service of internal medicine - diabetologia - vascular diseases, Janeczko-Sosnowska E, Lewandowski Z, Janeczko D, Kopczyński J, Nakagami T, Tomonaga O, Babazono T, Iwamoto Y, Nakanishi K, Higa M, Kosugi E, Elving LD, Szadkowska A, Mirecka MW, Czerniawska E, Weekers L, Hadjadj S, Belloum R, Gallois Y, Bouhanick B, Marre M, Saucha W, Skwarna B, Zychma M, Żukowska-Szczechowska E, Zychma MJ, Zukowska-Szczechowska E, Nazim J, Dziatkowiak H, Sanak M, Cieślik G, Nannipieri M, Viberti GC, De Cosmo S, Piras G, Errannini E, Uchigata Y, Miura J, Okada T, Gong JS, Zhang J, Tanaka M, Wamoto Y, Zucaro L, Bacci S, Miscio G, Thomas M, Piras GP, Cavallo Perin P, Mauer M, Barzon I, Bortoloso E, Saller A, Crepaldi G, Latif ZA, Christensen PK, V Larsen S, Olsen S, Bombonato G, Sacerdoti D, Chiesura-Corona M, Marangon A, Rudberg S, Rasmussen L, Bangstad HJ, Össterby R, Sivous GI, Kasatkina EP, Demurov LM, Nosikov VV, Kotova AK, Kuraeva TL, Mishina II, Gorashko NM, Nosicov VV, Petercova VA, Berrut G, Alhenc-Gelas F, Tsimaratos M, Gerbi A, Barone R, Ollerton RL, Playle RA, Luzio SD, Evans WD, Burch A, Siebenhofer A, Meinitzer A, Brandmaier H, Brunner G, Plank J, West P, Tindall H, McKenna K, Smith D, Tormey W, Kesson CM, Thompson CJ, Penno G, Anichini R, Bandinelli S, Boldrini E, Giannarelli R, Piazza F, Pucci L, Karunakaran S, Morris RJ, Nádas J, Farkas K, Daróczy A, Péterfai É, Svensson M, Weigert C, Facchin S, Gambaro G, Brodbeck K, Schleicher E, Tada H, Nomura K, Kuboki K, Tsukamoto M, Inokuchi T, Menè P, Pugliese F, Iino K, Yoshinari M, Iwase M, Asano T, Sonoki K, Wakisaka M, Takata Y, Ujishima M, Del Prete D, Anglani F, Antonucci F, Mauri JM, Vallés M, Gutiérrez C, Vendrell J, Shinada M, Akdeniz A, Panagiotopoulos P, Bach LA, Law VA, Lecomte PP, Yokota C, Okuda Y, Odawara M, Yamashita K, Yamada N, Kawai K, Açbay Ö, Mazlum A, Kural E, Gündoğdu S, Jensen C, Körner A, Eklöf AC, Jaremko G, Lal M, DiBona G, Aperia A, Yavuz DG, Tuncer M, Sargon M, Küçükkaya B, Ahiskali R, Akalin S, Nohara E, Oates PJ, Ellery CA, Yonem A, Azal O, Cakýr B, Erdogan MF, Corakcý A, Ozdemir IC, Stevens RJ, Yudkin JS, Webber J, Wheeler DC, Taylor KG, Jones SL, Srivatsa A, Anderson SG, Cruikshank JK, Florkowski CM, Scott RS, Graham PJ, Moir CL, Flores C, Ruggenenti P, Dodesini AR, Vasile B, Gaspari F, Arnoldi F, Ferrari S, Ciocca I, Spalluzzi A, Remuzzi G, Delvigne C, Ballaux D, Bosman DR, Winkler AS, Marsden J, Watkins PJ, Stratton D, Erbey JR, Jacobsen P, Rossing K, Jensen JS, Mansfield MW, Kowalska I, Telejko B, Bachórzewska-Gajewska A, Prokop J, Kochman W, Musiał W, Naskręt D, Oleksa R, Zozulińska D, Sowiński J, Wierusz-Wysocka B, Klamann A, Jonas M, Müller-Lung U, Heuser L, Launhardt V, Valensi P, Pariès J, Torremocha F, Brulport V, Sachs RN, Vanzetto G, Levy M, Lormeau B, Halimi S, Perforinis A, Boumal D, Zimmermann C, Bernard Y, Sabbah A, Meneveau N, Gautier S, Bassand JP, Anděl M, Kraml P, Potočková J, Dvořáková H, Trešlová L, Nuttall SL, Martin U, Kendall MJ, Schiaffini R, Pantaleo A, Battocletti T, Vaccari V, Brufani C, Martuscelli E, Gargiulo P, Niesznier E, Posa I, Kocsis E, Préda I, Pogatsa G, Koltai MZ, Stefanidis A, Manoussakis S, Handanis S, Zairis M, Vitalis D, Dadiotis L, Fiorina P, La Rocca E, Astorri E, Rossetti C, Lucignani G, Giudici D, Castoldi R, Mazarakis N, Giagiakou E, Karavidas A, Agellou A, Karamani O,

Matsakas E, Caviezel F, Morricone L, Ranucci M, Denti S, Cazzaniga A, Enrini R, Isgrò G, González de Molina FJ, Sala J, Masià R, Marrugat J, Kruszewski P, Wolnik B, Bieniaszewski L, Świerblewska E, Semetkowska-Jurkiewicz E, Krupa-Wojciechowska B, Vasilikos PG, Alaveras AE, Anastasopoulos NG, Chala E, Sidira M, Christakopoulos PD, Poulsen PL, Hansen KW, Ebbenhøj E, Knudsen ST, Mogensen CE, Ramu Y, Vidyullatha Y, Strojek K, Gorska J, Morawin E, Ritz E, Ciavarella A, Malini PL, Strocchi E, Fiumi N, Ambrosioni E, Idzior-Waluś B, Stevens L, McEneny J, O'Kane MJ, Moles KW, McMaster C, Young IS, Leonhardt W, Konstadelou E, Gürlek A, Soedamah-Muthu S, Taskinen MR, Ehnholm C, Wägner A, Bayen L, Rigla M, Ortega E, Caixàs A, Mestrón A, Ordóñez J, Pérez A, Sotiropoulou G, Servais PL, Bertolotto A, Pilo M, Suchánková G, Andratschke S, Tschöp M, Strasburger CJ, Rizzo L, Aerts P, Vinckx M, Ansquer JC, Ryan M, Buter H, Navis GJ, de Jong PE, de Zeeuw D, Carreras G, Giménez G, Pou JM, Howorka K, Gabriel M, Pumpřla J, Köves A, Bhowmik NB, Haque A, Rahman A, Paleari F, Gamba P, Mauri G, Rovaris G, Giannattasio C, Piatti ML, Zincone A, Cavaletti G, Mancina G, Lan S, Arezzo J, Gerber RA, Klioze SS, Saponara C, Tartaglione T, Cercione S, Caputo S, Meloni T, Brunetti D, Di Lazzaro V, Xu G, Jiang HY, Shy ME, Sugimoto K, Zhang WX, Kuchmerovskaya T, Donchenko G, Shymansky I, Kuchmerovsky N, Pakyrbaeva L, Cameron NE, Keegan A, Cotter MA, Mirrlees D, Smale SE, Biessels GJ, Duis SE, Kamal A, Gispen WH, Carrington A, Carman S, Smiarowski H, Lavoie D, Sawicki D, Sabetta A, Litchfield J, Van Zandt M, Sredy J, Smirnova V, Strokov I, Ivanova L, Ichunina A, Nakamura J, Nakayama M, Hamada Y, Chaya S, Kato K, Kasuya Y, Mizubayashi R, Miwa K, Yasuda Y, Kamiya H, Hotta N, Bíró K, Kukorelli T, Szilágyi N, Kürthy M, Komáromy A, Mogyorosi T, Nagy K, Çakir M, Baskal N, Güllü S, Elhan AH, Erdogan G, Ziegler D, Piolot R, Neubauer J, Senesi B, Bonetti R, Napolitano A, Canepa F, Ottonello P, Schabmann A, Giménez-Pérez G, Arroyo JA, López T, Ponz E, Mauricio D, Diem P, Zanchin L, Suter SL, Lefrandt JD, Smit A, van Roon AM, Dullaart R, Voita D, Mackevics V, Vitols A, Lengyel C, Farkas G, Török T, Légrády P, Várkonyi TT, Kardos A, Gingl Z, Kempler P, Rudas L, Lonovics J, Marchand M, Stevens LK, Tarnás G; EURODIAB IDDM Study Group, Estrella F, Christensen NJ, Keresztes K, Barna I, Hermányi Z, Vargha P, Bonnevie L, Chanudet X, Larroque P, Tutuncu NB, Deger A, Batur MK, Yildirim A, Onalan O, Aksöyek S, Kabakçı G, Erbaş T, Galicka-Latała D, Surdacki A, Gerritsen J, TenVoorde BJ, Heethaar RM, Tagawa TS, Kodama M, Yoshioka R, Yamasaki Y, Didangelos T, Athyros V, Kontopoulos A, Papageorgiou A, Karamitsos D, Lacigová S, Rušavý Z, Kárová R, Perrild H, Kay L, Jørgensen T, Bień AI, Witek P, Geraldine E, Rodrigues D, Pereira L, Doménech A, Leitão P, Anagnostopoulos D, Foster AV, Nag S, Barsoum M, Lewis G, Dunlop N, Connolly V, Bilous R, Kelly W, Chantelau E, Gede A, Sharman D, O'Halloran D, Best C, Abbas ZG, Lutale J, Gill GV, Jarvis WR, Archibald LK, Corcoran S, Mansell J, Pibworth L, Terada H, Shiba T, Utugi N, Utugi T, Blum M, Strobel J, Höffken K, Razvi FM, Kritzing EE, Taylor K, Jones S, Illahi W, Grüber M, Hartmann P, Hoffstadt K, van Leiden HA, Moll AC, Polak BC, Pietragalla GB, Maurino M, Montanaro M, Karadeniz Ş, Tommasini P, Quadrini C, Demiraj V, Rispoli E, Ota A, Takama H, Saito N, Hernández C, Lepore D, Antico L, Giardina B, Franconi F, Michoud E, Chamot S, Riva C, Hammes HP, Renner O, Breier G, Lin J, Alt A, Betzholtz C, Bretzel RG 3rd, Manti R, Gallo M, Molinar Hin A, Brignardello E, Boccuzzi G, Li S, Xiang K, Zhang R, Shangguan X, Wu J, Donnan PT, Broomhall J, Hunter K, Morris AD; DARTS/MEMO Collaboration, Ioannidis G, Peppia M, Rontogianni E, Kallifronas M, Lekatsas I, Chrysanthopoulou G, Anthopoulos L, Kesse M, Thalassinou N, Neves C, Medina JL, Lopes F, Yilmaz M, Güvener N, Güvener M, Kocagöz T, Böke E, Paşaoglu I, Bascil Tutuncu N, Oto A, Karvonen MK, Koulou M, Pesonen U, Mercuri M, Rauramaa R; Pittsburgh Epidemiology of Diabetes Complications (EDC) Study, Rutter MK, Kestevan P, McComb JM, Marshall SM, Sobieska M, Wiktorowicz K, Kanter SD, Banga JD, Algra A, Frijns CJ, Beutler JJ, Fijnheer R, Nicoloff G, Baydanoff S, Stanimirova N, Petrova C, Lario S, Campistol JM, Cases A, Clària J, Iñigo P, Esmatjes E, Sárman B, Tóth M, Kocsis I, Somogyi A, Bumbure A, Jachimowicz K, Samson J, Tomasiak M, Sobol A, Stańczyk L, Watała C, Stradina P, Wiśniewska-Jarosińska M, Marciniak D, Więclawska B, Watała C, Golański J, Zinnat R, Mahmud I, Büyükasik Y, Demiroğlu H, Szczepanik A, Skowroński M, Murawska A, Meeking DR, Allard S, Munday J, Chowienicz P, Shaw KM, Cummings MH, Šimková R, Jirsa M, Hadoke PW, McIntyre CA, Jones GC, Williams BC, Elliott AI, McKnight JA, Pernow J, Bombonato GC, Finucci GF, Zotta L, Senses V, Ozyazgan S, Ince E, Tunçdemir M, Oztürk M, Sultuybek G, Akkan AG, Özyazgan S, Unlüceri Y, Bekpınar S, Meyer MF, Lee BC, Shore AC, Humphreys JM, Tooke

JE, Dell'Omo G, Giovannitti G, Caricato F, Mariani M, Pedrinelli R, Kiviet-Boehm C, Schwelling V, Matthäei S, Pfohl M, McInerney D, Itoh H, Ohno T, Katoh N, Baumgartner-Parzer S, Artwohl M, Graier W, Ludwig C, Tachi Y, Bannai C, Shinohara M, Shimpuku H, Ohura K, Bertacca A, Sasvári M, Szaleczki E, Pusztai P, Boes U, Klaus E, Dittrich P, Wagner Z, Wittmann I, Pótó L, Wagner L, Mazák I, Nagy J, Feletto F, Taboga C, Tonutti L, Lizzio S, Russo A, Selmo V, Ceriello A, Lekakis J, Papamichael CM, Stamatelopoulos K, Stamatelopoulos S, Yillar DO, Gay M, Lillaz E, Passaro A, Vanini A, Calzoni F, D'Elia K, Carantoni M, Zuliani G, Fellin R, Solini A, Chwatko G, Bald E, Dramais AS, Wallemacq PE, Vandeleene B, Ciaria MV, Ariano M, Strom R, Gibney J, Weiss U, Turner B, O'Gorman P, Watts G, Powrie J, Crook M, Shaw K, Cummings M. 35th Annual Meeting of the European Association for the Study of Diabetes : Brussels, Belgium, 28 September-2 October 1999. *Diabetologia*. 1999 Aug;42(Suppl 1):A1-A330. PubMed PMID: 27770183.

499: Asakawa H, Yanaka K, Narushima K, Meguro K, Nose T. Anomaly of the axis causing cervical myelopathy. Case report. *J Neurosurg*. 1999 Jul;91(1 Suppl):121-3. PubMed PMID: 10419358.

500: Araki M, Fan J, Haraoka S, Moritake T, Yoshii Y, Watanabe T. Extracranial metastases of anaplastic ganglioglioma through a ventriculoperitoneal shunt: a case report. *Pathol Int*. 1999 Mar;49(3):258-63. PubMed PMID: 10338084.

501: Matsumura A, Ayuzawa S, Doi M, Enomoto T, Takeuchi S, Yoshii Y, Nose T. Chronic progressive hematomyelia: case reports and review of the literature. *Surg Neurol*. 1999 May;51(5):559-63. Review. PubMed PMID: 10321889.

502: Suzuki K, Meguro K, Wada M, Fujita K, Nose T. Embolization of a ruptured aneurysm of the distal anterior inferior cerebellar artery: case report and review of the literature. *Surg Neurol*. 1999 May;51(5):509-12. Review. PubMed PMID: 10321881.

503: Nakai Y, Hyodo A, Okazaki M, Shibata Y, Matsumaru Y, Nose T. [Transient cortical blindness and convulsion mimicking a hemorrhagic complication during embolization of the cerebellar AVM]. *No Shinkei Geka*. 1999 Mar;27(3):249-53. Japanese. PubMed PMID: 10190160.

504: Matsuda W, Matsumura A, Enomoto T, Nose T, Suga A, Miyabe M, Toyooka H. [Ketamine infusion therapy for refractory neuralgia in spinal disease: report of two cases]. *No Shinkei Geka*. 1999 Feb;27(2):195-200. Japanese. PubMed PMID: 10065454.

505: Yanaka K, Meguro K, Narushima K, Fukuda I, Noguchi Y, Nose T. Combined carotid endarterectomy and coronary artery bypass graft. *Neurol Med Chir (Tokyo)*. 1998 Dec;38(12):836-42; discussion 842-3. PubMed PMID: 10063357.

506: Nakai Y, Yanaka K, Iguchi M, Fujita K, Narushima K, Meguro K, Doi M, Nose T. [A case of multiple myeloma presenting with a subcutaneous mass: significance of "dural tail sign" in the differential diagnosis of the meningeal tumors]. *No Shinkei Geka*. 1999 Jan;27(1):67-71. Japanese. PubMed PMID: 10024987.

507: Shibata Y, Matsumura A, Yamamoto T, Nakagawa K, Yoshii Y, Nose T, Sakata I, Nakajima S, Hayakawa Y, Ono K. Neutron capture therapy with a new boron-porphyrin compound in the rat 9L glioma model. *J Exp Clin Cancer Res*. 1998 Sep;17(3):285-9. PubMed PMID: 9894763.

508: Hyodo A, Kato N, Anno I, Sato H, Nose T, Okazaki M, Kamezaki T, Ito M. Intra-aneurysmal Embolization for the Treatment of Cerebral Aneurysms Using Detachable Coils. *Interv Neuroradiol*. 1998 Nov 30;4 Suppl 1:67-9. Epub 2001 May 15. PubMed PMID: 20673445.

509: Hyodo A, Matsumaru Y, Anno I, Sato H, Kato N, Nakai Y, Nose T. Percutaneous Transluminal

Angioplasty for Atherosclerotic Stenosis of the Intracranial Cerebral Arteries. Special reference to the device for reducing the complications drawn from the analysis of our complicated cases. *Interv Neuroradiol.* 1998 Nov 30;4 Suppl 1:57-62. Epub 2001 May 15. PubMed PMID: 20673443.

510: Watanabe T, Enomoto T, Uemura K, Tomono Y, Nose T. [Gelastic seizures treated by partial resection of a hypothalamic hamartoma]. *No Shinkei Geka.* 1998 Oct;26(10):923-8. Japanese. PubMed PMID: 9789298.

511: Uemura K, Matsumura A, Kobayashi E, Tomono Y, Nose T. CT and MR presentation of acute hemorrhage in a spinal schwannoma. *Surg Neurol.* 1998 Sep;50(3):219-20. PubMed PMID: 9736082.

512: Suzuki K, Meguro K, Wada M, Nakai K, Nose T. Anterior spinal artery syndrome associated with severe stenosis of the vertebral artery. *AJNR Am J Neuroradiol.* 1998 Aug;19(7):1353-5. PubMed PMID: 9726482.

513: Shibata Y, Matsumura A, Yoshida F, Yamamoto T, Nakai K, Nose T, Sakata I, Nakajima S. Cell cycle dependency of porphyrin uptake in a glioma cell line. *Cancer Lett.* 1998 Jul 3;129(1):77-85. PubMed PMID: 9714338.

514: Yamamoto T, Matsumura A, Shibata Y, Fujimori H, Nakai K, Yoshida F, Nose T, Sakata I, Nakajima S, Miwa N. Manganese-metalloporphyrin (ATN-10) as a tumor-localizing agent: magnetic resonance imaging and inductively coupled plasma atomic emission spectroscopy study with experimental brain tumors. *Neurosurgery.* 1998 Jun;42(6):1332-7; discussion 1337-8. PubMed PMID: 9632193.

515: Yanaka K, Meguro K, Narushima K, Takano S, Doi M, Nose T. Basal perforating artery aneurysm within the cavum septi pellucidi. Case report. *J Neurosurg.* 1998 Mar;88(3):601-4. PubMed PMID: 9488321.

516: Hyodo A, Matsumaru Y, Anno I, Sato H, Kato N, Hashimoto T, Yoshii Y, Nose T, Kamezaki T, Okazaki M. Intravascular neurosurgery for cerebral aneurysm using interlocking detachable coils. *Interv Neuroradiol.* 1997 Nov 30;3 Suppl 2:149-53. Epub 2001 May 15. PubMed PMID: 20678407.

517: Sato H, Hyodo A, Matsumaru Y, Anno I, Kato T, Nose T, Kamezaki T, Kobayashi E, Tsukada A. The evaluation of preoperative embolization of meningioma. *Interv Neuroradiol.* 1997 Nov 30;3 Suppl 2:101-5. Epub 2001 May 15. PubMed PMID: 20678396.

518: Maki Y. My memories of Japanese pediatric neurosurgery. *Childs Nerv Syst.* 1997 Aug-Sep;13(8-9):448-53. PubMed PMID: 9410559.

519: Yamano M, Kamato T, Nagakura Y, Miyata K. Effects of gastroprokinetic agents on gastroparesis in streptozotocin-induced diabetic rats. *Naunyn Schmiedeberg's Arch Pharmacol.* 1997 Jul;356(1):145-50. PubMed PMID: 9228202.

520: Ohsawa H, Yamaguchi S, Ishimaru H, Shimura M, Sato Y. Neural mechanism of pupillary dilation elicited by electro-acupuncture stimulation in anesthetized rats. *J Auton Nerv Syst.* 1997 Jun 6;64(2-3):101-6. PubMed PMID: 9203130.

521: Uemura K, Meguro K, Matsumura A. Pneumocephalus associated with fracture of thoracic spine: case report. *Br J Neurosurg.* 1997 Jun;11(3):253-6. Review. PubMed PMID: 9231018.

522: Suzuki K, Meguro K, Nakayama J, Aoki T, Tsurushima H. MRI of an infant with Fisher syndrome. *Childs Nerv Syst.* 1997 Feb;13(2):95-6. PubMed PMID: 9105745.

- 523: Ayuzawa S, Yano H, Enomoto T, Kobayashi H, Nose T. The Bi-Digital O-Ring Test used in the successful diagnosis & treatment (with antibiotic, anti-viral agents & oriental herbal medicine) of a patient suffering from pain & weakness of an upper extremity & Barré-Liéou syndrome appearing after whiplash injury. A case report. *Acupunct Electrother Res.* 1997;22(3-4):167-74. PubMed PMID: 9494625.
- 524: Yoshida M, Fukumoto Y, Kuroda Y, Ohkoshi N. Sympathetic denervation of myocardium demonstrated by 123I-MIBG scintigraphy in pure progressive autonomic failure. *Eur Neurol.* 1997;38(4):291-6. PubMed PMID: 9434088.
- 525: Fujimori H, Matsumura A, Yamamoto T, Shibata Y, Yoshizawa T, Nakagawa K, Yoshii Y, Nose T, Sakata I, Nakajima S. Tumor specific contrast enhancement study of Mn-metalloporphyrin (ATN-10)-comparison of rat brain tumor model, cytotoxic and vasogenic edema models. *Acta Neurochir Suppl.* 1997;70:167-9. PubMed PMID: 9416311.
- 526: Matsumaru Y, Hyodo A, Nose T, Hirano T, Ohashi S. Embolic materials for endovascular treatment of cerebral lesions. *J Biomater Sci Polym Ed.* 1997;8(7):555-69. Review. PubMed PMID: 9195334.
- 527: Yoshizawa T, Nose T, Moore GJ, Sillerud LO. Functional magnetic resonance imaging of motor activation in the human cervical spinal cord. *Neuroimage.* 1996 Dec;4(3 Pt 1):174-82. PubMed PMID: 9345507.
- 528: Tsurushima H, Meguro K, Wada M, Narushima K, Nagatomo Y, Suzuki K, Yoshii Y, Nose T. [FLAIR images of cerebral and brain stem infarction]. *No To Shinkei.* 1996 Nov;48(11):1029-33. Japanese. PubMed PMID: 8951895.
- 529: Tsurushima H, Tsuboi K, Yoshii Y, Ohno T, Meguro K, Nose T. Expression of N-ras gene in gliomas. *Neurol Med Chir (Tokyo).* 1996 Oct;36(10):704-8. PubMed PMID: 8937091.
- 530: Suzuki K, Kamezaki T, Tsuboi K, Kobayashi E. Dural cavernous angioma causing acute subdural hemorrhage-case report. *Neurol Med Chir (Tokyo).* 1996 Aug;36(8):580-2. PubMed PMID: 8831201.
- 531: Uemura K, Yoshizawa T, Matsumura A, Asakawa H, Nakamagoe K, Nose T. Spinal extradural meningeal cyst. Case report. *J Neurosurg.* 1996 Aug;85(2):354-6. PubMed PMID: 8755770.
- 532: Goyagi T, Nishikawa T. Oral clonidine premedication enhances the quality of postoperative analgesia by intrathecal morphine. *Anesth Analg.* 1996 Jun;82(6):1192-6. PubMed PMID: 8638790.
- 533: Takasuna M, Iwasaki T. Active and passive avoidance learning in rats neonatally treated with intraventricular 6-hydroxydopamine. *Behav Brain Res.* 1996 Jan;74(1-2):119-26. PubMed PMID: 8851920.
- 534: Matsumaru Y, Hyodo A, Nose T, Ito S, Hirano T, Ohashi S. Application of thermosensitive polymers as a new embolic material for intravascular neurosurgery. *J Biomater Sci Polym Ed.* 1996;7(9):795-804. PubMed PMID: 8773883.
- 535: Nagatomo Y, Yanaka K, Kamezaki T, Kobayashi E, Matsumura A, Nose T. Recovery from primary deep cerebral venous sinus thrombosis with recanalisation. *Neuroradiology.* 1995 Nov;37(8):645-8. PubMed PMID: 8748896.
- 536: Yamamoto T, Enomoto T, Nose T. Epidural hematoma associated with cephalohematoma in a neonate-case report. *Neurol Med Chir (Tokyo).* 1995 Oct;35(10):749-52. Review. PubMed PMID:

8532132.

537: Yamano M, Ito H, Kamato T, Miyata K. Species difference in the 5-hydroxytryptamine₃ receptor associated with the von Bezold-Jarisch reflex. *Arch Int Pharmacodyn Ther*. 1995 Sep-Oct;330(2):177-89. PubMed PMID: 8861711.

538: Kitama T, Ohki Y, Shimazu H, Tanaka M, Yoshida K. Site of interaction between saccade signals and vestibular signals induced by head rotation in the alert cat: functional properties and afferent organization of burster-driving neurons. *J Neurophysiol*. 1995 Jul;74(1):273-87. PubMed PMID: 7472330.

539: Tsurushima H, Meguro K, Matsumura A, Narushima K, Nakada Y, Nose T. Multiple arteriovenous malformations of spinal cord and brain in a child. *Pediatr Neurosurg*. 1995;23(3):166-70. PubMed PMID: 8751298.

540: Shibata Y, Matsumura A, Yoshii Y, Nose T. Osteomas of the skull: comparison of magnetic resonance imaging and histological findings. *Neurol Med Chir (Tokyo)*. 1995 Jan;35(1):13-6. PubMed PMID: 7700476.

541: Maeda N, Matsuoka N, Yamaguchi I. Role of the dopaminergic, serotonergic and cholinergic link in the expression of penile erection in rats. *Jpn J Pharmacol*. 1994 Sep;66(1):59-66. PubMed PMID: 7861668.

542: Fukuda T, Dohi S, Naito H. Comparisons of tetracaine spinal anesthesia with clonidine or phenylephrine in normotensive and hypertensive humans. *Anesth Analg*. 1994 Jan;78(1):106-11. PubMed PMID: 8267146.

543: Matsumura A, Shibata Y, Nakagawa K, Nose T. MRI contrast enhancement by Gd-DTPA-mono-clonal antibody in 9L glioma rats. *Acta Neurochir Suppl (Wien)*. 1994;60:356-8. PubMed PMID: 7976589.

544: Sato S, Okubo N, Tajima K, Takahashi H, Fukuda T. Plasma alcohol concentrations after celiac plexus block in gastric and pancreatic cancer. *Reg Anesth*. 1993 Nov-Dec;18(6):366-8. PubMed PMID: 8117633.

545: Tsurushima H, Yuasa S, Kawamura K, Nose T. Expression of tenascin and BDNF during the migration and differentiation of grafted Purkinje and granule cells in the adult rat cerebellum. *Neurosci Res*. 1993 Nov;18(2):109-20. PubMed PMID: 7510375.

546: Kuga K, Yamaguchi I, Sugishita Y. Age-related changes of sinus node function and autonomic regulation in subjects without sinus node disease—assessment by pharmacologic autonomic blockade. *Jpn Circ J*. 1993 Aug;57(8):760-8. PubMed PMID: 8355393.

547: Yanaka K, Kamezaki T, Yamada T, Takano S, Meguro K, Nose T. Acute subdural hematoma—prediction of outcome with a linear discriminant function. *Neurol Med Chir (Tokyo)*. 1993 Aug;33(8):552-8. PubMed PMID: 7692328.

548: Sato S, Asakura N, Endo T, Naito H. Cervical epidural block can relieve postoperative intractable hiccups. *Anesthesiology*. 1993 Jun;78(6):1184-6. PubMed PMID: 8512115.

549: Arasaki K, Kusunoki S, Kudo N, Kanazawa I. Acute conduction block in vitro following exposure to antiganglioside sera. *Muscle Nerve*. 1993 Jun;16(6):587-93. PubMed PMID: 8502255.

- 550: Yasuda S, Enomoto T, Yamada Y, Nose T, Iwasaki N. Crouzon disease associated with sinus pericranii: a report on identical twin sisters. *Childs Nerv Syst.* 1993 Apr;9(2):119-22. PubMed PMID: 8319233.
- 551: Sato S, Okubo N, Fukuda T, Takahashi H, Naito H. Arteriovenous differences of blood alcohol concentrations after celiac plexus block. *Clin Pharmacol Ther.* 1992 Sep;52(3):249-51. PubMed PMID: 1526080.
- 552: Yanaka K, Hyodo A, Tsuchida Y, Yoshii Y, Nose T. Symptomatic cerebral vasospasm after intraventricular hemorrhage from ruptured arteriovenous malformation. *Surg Neurol.* 1992 Jul;38(1):63-7. Review. PubMed PMID: 1615376.
- 553: Yao Y, Nakamura M, Miyazaki JI, Kirinoki M, Hirabayashi T. Expression pattern of skeletal muscle troponin T isoforms is fixed in cell lineage. *Dev Biol.* 1992 Jun;151(2):531-40. PubMed PMID: 1601184.
- 554: Yanaka K, Enomoto T, Fujimori H, Nose T. Cavernous hemangioma over the anterior fontanelle. *Surg Neurol.* 1992 May;37(5):380-3. PubMed PMID: 1631765.
- 555: Shibata Y, Meguro K, Narushima K, Shibuya F, Doi M, Kikuchi Y. Malignant lymphoma of the central nervous system presenting with central neurogenic hyperventilation. Case report. *J Neurosurg.* 1992 Apr;76(4):696-700. Review. PubMed PMID: 1545265.
- 556: Yanaka K, Kamezaki T, Kobayashi E, Matsueda K, Yoshii Y, Nose T. MR imaging of diffuse glioma. *AJNR Am J Neuroradiol.* 1992 Jan-Feb;13(1):349-51. PubMed PMID: 1595474.
- 557: Usuki S, Otani S, Goto K, Matsumoto H, Suzuki N, Yanagisawa M, Masaki T. Endothelin induces DNA polymerase alpha activity in ovaries of hypophysectomized estrogen-treated immature rats. *Horm Metab Res.* 1991 Dec;23(12):621-2. PubMed PMID: 1778601.
- 558: Shibata Y, Yoshii Y, Tsukada A, Nose T. Radiolucent osteoma of the skull: case report. *Neurosurgery.* 1991 Nov;29(5):776-8. PubMed PMID: 1961413.
- 559: Sugimoto K, Enomoto T, Nose T. Reversible porencephaly. Alteration of the cerebrospinal fluid flow after shunt malfunction. *Childs Nerv Syst.* 1991 Nov;7(7):394-8. PubMed PMID: 1794120.
- 560: Yanaka K, Kamezaki T, Kobayashi E, Nose T. [The actual situation in surgical management of occlusive cerebrovascular disease]. *No To Shinkei.* 1991 Oct;43(10):913-6. Japanese. PubMed PMID: 1799493.
- 561: Kitama T, Ohno T, Tanaka M, Tsubokawa H, Yoshida K. Stimulation of the caudate nucleus induces contraversive saccadic eye movements as well as head turning in the cat. *Neurosci Res.* 1991 Oct;12(1):287-92. PubMed PMID: 1660987.
- 562: Matsuoka N, Maeda N, Ohkubo Y, Yamaguchi I. Differential effects of physostigmine and pilocarpine on the spatial memory deficits produced by two septo-hippocampal deafferentations in rats. *Brain Res.* 1991 Sep 20;559(2):233-40. PubMed PMID: 1794099.
- 563: Saito S, Dohi S, Naito H. Hyperventilation induced coronary artery spasm during anesthesia for neurosurgery. *J Anesth.* 1991 Jul;5(3):309-12. PubMed PMID: 15278637.
- 564: Komatsu Y, Narushima K, Kobayashi E, Tomono Y, Nose T. Aspergillus mycotic aneurysm—case report. *Neurol Med Chir (Tokyo).* 1991 Jun;31(6):346-50. Review. PubMed PMID: 1724300.

- 565: Shibata Y, Hyodo A, Tsuboi K, Yoshii Y, Nose T. Isolated cerebral varix with magnetic resonance imaging findings—case report. *Neurol Med Chir (Tokyo)*. 1991 Mar;31(3):156-8. PubMed PMID: 1715050.
- 566: Maeda N, Matsuoka N, Yamaguchi I. Septohippocampal cholinergic pathway and penile erections induced by dopaminergic and cholinergic stimulants. *Brain Res*. 1990 Dec 24;537(1-2):163-8. PubMed PMID: 1982238.
- 567: Kogo N, Arita H. In vivo study on medullary H(+)-sensitive neurons. *J Appl Physiol* (1985). 1990 Oct;69(4):1408-12. PubMed PMID: 2262462.
- 568: Saito A, Meguro K, Matsumura A, Komatsu Y, Oohashi N. Magnetic resonance imaging of a fat embolism of the brain: case report. *Neurosurgery*. 1990 May;26(5):882-4; discussion 884-5. PubMed PMID: 2352609.
- 569: Matsumura A, Meguro K, Tsurushima H, Kikuchi Y, Wada M, Nakata Y. Magnetic resonance imaging of spinal cord injury without radiologic abnormality. *Surg Neurol*. 1990 Apr;33(4):281-3. PubMed PMID: 2326734.
- 570: Matsumura A, Meguro K, Doi M, Tsurushima H, Tomono Y. Suprasellar ectopic pituitary neuroendocrine tumor: case report and review of the literature. *Neurosurgery*. 1990 Apr;26(4):681-5. Review. PubMed PMID: 2184378.
- 571: Iida K, Koide Y, Sugishita Y, Matsuda M, Kawai K, Yukisada K, Tomono Y, Yamashita K, Ito I. Follow-up study of the heart in acromegaly: pre- and post-operative evaluation. *Jpn J Med*. 1990 Jan-Feb;29(1):22-6. PubMed PMID: 2145456.
- 572: Yanaka K, Meguro K, Tsukada A, Sugimoto K, Kubo H, Nose T. [Barbiturate therapy in traumatic cerebral vascular disease: report of two cases]. *No Shinkei Geka*. 1989 Dec;17(12):1153-7. Japanese. PubMed PMID: 2615899.
- 573: Yanaka K, Yoshii Y, Nose T, Maki Y. A small temporal lobe glioma detected only by magnetic resonance imaging. *Clin Radiol*. 1989 Sep;40(5):528-9. PubMed PMID: 2791468.
- 574: Komatsu Y, Narushima K, Kobayashi E, Ebihara R, Enomoto T, Nose T, Maki Y. CT and MR of germinoma in the basal ganglia. *AJNR Am J Neuroradiol*. 1989 Sep-Oct;10(5 Suppl):S9-11. PubMed PMID: 2505594.
- 575: Usuki S, Shioda M. Growth hormone elevates DNA polymerase-alpha activity related to DNA synthesis in ovaries of hypophysectomized immature rat. *Horm Metab Res*. 1989 Aug;21(8):455-6. PubMed PMID: 2793068.
- 576: Koshima I, Endo T. Experimental study of vascularized muscle: multifactorial analysis of muscle regeneration following denervation. *J Reconstr Microsurg*. 1989 Jul;5(3):225-30. PubMed PMID: 2769626.
- 577: Saito A, Shiba R, Kimura S, Yanagisawa M, Goto K, Masaki T. Vasoconstrictor response of large cerebral arteries of cats to endothelin, an endothelium-derived vasoactive peptide. *Eur J Pharmacol*. 1989 Mar 21;162(2):353-8. PubMed PMID: 2656274.
- 578: Yaginuma H, Matsushita M. Spinocerebellar projections from the upper lumbar segments in the cat, as studied by anterograde transport of wheat germ agglutinin-horseradish peroxidase. *J Comp Neurol*. 1989 Mar 8;281(2):298-319. PubMed PMID: 2708577.

- 579: Yanaka K, Enomoto T, Nose T, Maki Y. Post-inflammatory arachnoid cyst of the quadrigeminal cistern. Observation of development of the cyst. Childs Nerv Syst. 1988 Oct;4(5):302-5. Review. PubMed PMID: 3072076.
- 580: Maki Y, Enomoto T. Moyamoya disease. Childs Nerv Syst. 1988 Aug;4(4):204-12. Review. PubMed PMID: 3048657.
- 581: Kuga K, Yamaguchi I, Sugishita Y, Ito I. Assessment by autonomic blockade of age-related changes of the sinus node function and autonomic regulation in sick sinus syndrome. Am J Cardiol. 1988 Feb 1;61(4):361-6. PubMed PMID: 3341215.
- 582: Enomoto T, Hashikawa M, Nose T, Maki Y, Hamano K, Nakamura N. Marked cerebrospinal fluid collection associated with hepatic failure. Brain Dev. 1988;10(6):389-92. PubMed PMID: 3218713.
- 583: Usuki S, Shioda M. Induction of DNA polymerase alpha in isolated immature rat ovaries by follicle-stimulating hormone. Horm Metab Res. 1987 Oct;19(10):508-9. PubMed PMID: 3123350.
- 584: Matsumura A, Nose T, Yamada T, Homma K. Magnetic resonance imaging of acute intracerebral hematomas: in vivo and in vitro studies. Neurosurg Rev. 1987;10(1):53-6. PubMed PMID: 3670628.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

<https://neurosurgerywiki.com/wiki/doku.php?id=tsukuba>

Last update: **2025/04/26 00:17**

