

## 研究業績

2022 年

### 英文原著

- 1) Akahoshi T, Kaku N, **Shono Y**, Yamamoto Y, Takahashi K, Iyonaga T, Momii K, Nishihara M, Maki J, Tokuda K, Yamaura K. Impact of antithrombin activity levels following recombinant antithrombin gamma therapy in patients with sepsis-induced disseminated intravascular coagulation. *Clin Appl Thromb Hemost* 28:10760296221135790, 2022
- 2) Asada M, Shibata M, Hirabayashi N, Ohara T, **Furuta Y**, Nakazawa T, Honda T, **Hata J**, Hosoi M, Sudo N, Yamaura K, Ninomiya T. Association between chronic low back pain and regional brain atrophy in a Japanese older population: The Hisayama Study. *Pain* 163:2185-2193, 2022
- 3) De Marchis GM, Seiffge DJ, Schaederlin S, Wilson D, Caso V, Acciarresi M, Tsivgoulis G, **Koga M**, **Yoshimura S**, **Toyoda K**, Cappellari M, Bonetti B, Macha K, Kallmünzer B, Cereda CW, Lyrer P, Bonati LH, Paciaroni M, Engelbert ST, Werring DJ. Early versus late start of direct oral anticoagulants after acute ischaemic stroke linked to atrial fibrillation: an observational study and individual patient data pooled analysis. *J Neurol Neurosurg Psychiatry* 93:119-125, 2022
- 4) Enzan N, Hiasa KI, Ichimura K, Nishihara M, Iyonaga T, **Shono Y**, Tohyama T, Funakoshi K, **Kitazono T**, Tsutsui H. Delayed administration of epinephrine is associated with worse neurological outcomes in patients with out-of-hospital cardiac arrest and initial pulseless electrical activity: insight from the nationwide multicentre observational JAAM-OHCA (Japan Association for Acute Medicine) registry. *Eur Heart J Acute Cardiovasc Care* 11:389-396, 2022
- 5) Fujiwara K, Yasuda M, **Hata J**, Nakano S, Hashimoto S, Ueda E, Nakamura S, Murakami Y, Nakamuro T, Iwase A, Araie M, Tawara A, Kubota T, Yoshitomi T, Ninomiya T, Sonoda KH. Prevalence of glaucoma and its systemic risk factors in a general Japanese population: the Hisayama Study. *Transl Vis Sci Technol* 11:11, 2022
- 6) **Fukuda K**, **Matsuo R**, **Kamouchi M**, **Kiyuna F**, **Sato N**, **Nakamura K**, **Hata J**, **Wakisaka Y**, **Ago T**, Imaizumi T, Kai H, **Kitazono T**; FSR Investigators. Day-by-day blood pressure variability in the subacute stage of ischemic stroke and long-term recurrence. *Stroke* 53:70-78, 2022
- 7) Fukuma K, Ikeda S, Tanaka T, **Kamogawa N**, Ishiyama H, Abe S, Tojima M, Kobayashi K, Shimotake A, Nakaoku Y, Nishimura K, Koga M, Toyoda K,

- Matsumoto R, Ikeda A, Ihara M. Clinical and imaging features of nonmotor onset seizure in poststroke epilepsy. *Epilepsia* 63:2068-2080, 2022
- 8) Furuta M, Takeuchi K, Takeshita T, Shibata Y, Suma S, Kageyama S, Asakawa M, Shimazaki Y, **Hata J**, Ninomiya T, Yamashita Y. Baseline periodontal status and modifiable risk factors are associated with tooth loss over a 10-year period: Estimates of population attributable risk in a Japanese community. *J Periodontol* 93:526-536, 2022
- 9) Gu YH, Hawkins BT, Izawa Y, **Yoshikawa Y**, Koziol JA, Del Zoppo GJ. Intracerebral hemorrhage and thrombin-induced alterations in cerebral microvessel matrix. *J Cereb Blood Flow Metab* 42:1732-1747, 2022
- 10) Hamasaki H, Maeda N, Sasagasko N, Honda H, **Shijo M**, Mori SI, Yagita K, Arahata H, Iwaki T. Neuropathology of classic myotonic dystrophy type 1 is characterized by both early initiation of primary age-related tauopathy of the hippocampus and unique 3-repeat tauopathy of the brainstem. *J Neuropathol Exp Neurol* 82:29-37, 2022
- 11) Hamasaki H, **Shijo M**, Nakamura A, Honda H, Yamada Y, Oda Y, Ohara T, Ninomiya T, Iwaki T. Concurrent cardiac transthyretin and brain  $\beta$  amyloid accumulation among the older adults: The Hisayama study. *Brain Pathol* 32:e13014, 2022
- 12) Higaki R, Yamaguchi S, Haruyama H, **Osaki M**, **Arakawa S**, Sayama T. Effectiveness of the digging through thrombus technique by using an aspiration catheter and stent retriever for cerebral venous thrombosis. *Neurol Med Chir (Tokyo)* 62:336-341, 2022
- 13) Hirabayashi N, **Hata J**, **Furuta Y**, Ohara T, Shibata M, Hirakawa Y, Yamashita F, Yoshihara K, **Kitazono T**, Sudo N, Ninomiya T. Association between diabetes and gray matter atrophy patterns in a general older Japanese population: The Hisayama Study. *Diabetes Care* 45:1364-1371, 2022
- 14) Honda T, Chen S, **Hata J**, Yoshida D, Hirakawa Y, **Furuta Y**, Shibata M, Sakata S, **Kitazono T**, Ninomiya T. Development and validation of a risk prediction model for atherosclerotic cardiovascular disease in Japanese adults: The Hisayama Study. *J Atheroscler Thromb* 29:345-361, 2022
- 15) Honda T, Hirakawa Y, **Hata J**, Chen S, Shibata M, Sakata S, **Furuta Y**, Higashioka M, Oishi E, **Kitazono T**, Ninomiya T. Active commuting, commuting modes and the risk of diabetes: 14-year follow-up data from the Hisayama study. *J Diabetes Investigig* 13:1677-1684, 2022
- 16) Honda T, Ishida Y, Oda M, Noguchi K, Chen S, Sakata S, Oishi E, **Furuta Y**,

- Yoshida D, Hirakawa Y, **Hata J**, **Kitazono T**, Ninomiya T. Changes in body weight and concurrent changes in cardiovascular risk profiles in community residents in Japan: the Hisayama Study. *J Atheroscler Thromb* 29:252-267, 2022
- 17) Hyakutake K, Morishita T, Saita K, Fukuda H, Abe H, **Ogata T**, Kamada S, Inoue T. Effect of robot-assisted rehabilitation to botulinum toxin A injection for upper limb disability in patients with chronic stroke: A case series and systematic review. *Neurol Med Chir (Tokyo)* 15:35-44, 2022
- 18) **Kimura S**, Toyoda K, **Yoshimura S**, Minematsu K, **Yasaka M**, Paciaroni M, Werring DJ, Yamagami H, Nagao T, **Yoshimura S**, Polymeris A, Zietz A, Engelter ST, Kallmünzer B, Cappellari M, Chiba T, Yoshimoto T, Shiozawa M, **Kitazono T**, **Koga M**; SAMURAI, RELAXED, RAF, RAF-NOAC, CROMIS-2, NOACISP LONGTERM, Erlangen Registry and Verona Registry Investigators. Practical "1-2-3-4-day" rule for starting direct oral anticoagulants after ischemic stroke with atrial fibrillation: Combined hospital-based cohort study. *Stroke* 53:1540-1549, 2022
- 19) Kimura Y, Yoshida D, Ohara T, **Hata J**, Honda T, Hirakawa Y, Shibata M, Oishi E, Sakata S, **Furuta Y**, Chen S, Uchida K, Nakao T, **Kitazono T**, Ninomiya T. Long-term association of vegetable and fruit intake with risk of dementia in Japanese older adults: the Hisayama study. *BMC Geriatr* 22:257, 2022
- 20) **Kitamura T**, Koyanagi M, Ogura T, Chihara H, Miyata T, Hatano T. Impact of the position of the aspiration catheter to the first pass effect during the combined technique. *Clin Neurol Neurosurg* 217:107257, 2022
- 21) Koyama S, Noguchi H, Yagita K, Hamasaki H, **Shijo M**, Yoshimura M, Inoshita K, Sasagasko N, Honda H. Characteristic distribution and molecular properties of normal cellular prion protein in human endocrine and exocrine tissues. *Sci Rep* 12:15289, 2022
- 22) Liu Y, Zhang Y, Thyreau B, Tatewaki Y, Matsudaira I, Takano Y, Hirabayashi N, **Furuta Y**, **Hata J**, Ninomiya T, Taki Y; Japan Prospective Studies Collaboration for Aging and Dementia (JPSC-AD) Study Group. Altruistic social activity, depressive symptoms, and brain regional gray matter volume: Voxel-based morphometry analysis from 8,695 old adults. *J Gerontol A Biol Sci Med Sci* 77:1789-1797, 2022
- 23) Ma J, Furuta M, Uchida K, Takeshita T, Kageyama S, Asakawa M, Takeuchi K, Suma S, Sakata S, **Hata J**, Sohn W, Ninomiya T, Yamashita Y. Yogurt product intake and reduction of tooth loss risk in a Japanese community. *J Clin Periodontol* 49:345-352, 2022
- 24) Maki K, **Hata J**, Sakata S, Oishi E, **Furuta Y**, Nakano T, Oda Y, **Kitazono T**, Ninomiya T. Serum uric acid levels and nephrosclerosis in a population-based

- autopsy study: The Hisayama Study. *Am J Nephrol* 53:69-77, 2022
- 25) Mihara A, Ohara T, **Hata J**, Chen S, Honda T, Tamrakar S, Isa A, Wang D, Shimizu K, Katakura Y, Yonemoto K, Nakao T, **Kitazono T**, Ninomiya T. Association of serum s-adenosylmethionine, s-adenosylhomocysteine, and their ratio with the risk of dementia and death in a community. *Sci Rep* 12:12427, 2022
- 26) Mishra A, et al. (39th author: Ago T; 61th author; Hata J; 72th author: Kamouchi M; 74th author: Kitazono T). Stroke genetics informs drug discovery and risk prediction across ancestries. *Nature* 611:115-123, 2022
- 27) Mishra A, et al. (39th author: Ago T; 61th author; Hata J; 72th author: Kamouchi M; 74th author: Kitazono T). Publisher Correction: Stroke genetics informs drug discovery and risk prediction across ancestries. *Nature* 612:E7, 2022
- 28) Miyamatsu Y, Nakamizo A, Amano T, Matsuo S, **Kuwashiro T**, **Yasaka M**, Okada Y, Mizoguchi M, Yoshimoto K. Ankle-brachial index and cardio-ankle vascular index as predictors of cognitive decline over time after carotid endarterectomy. *Cureus* 14:e26534, 2022
- 29) Miyano K, Okamoto S, Kajikawa M, **Kiyohara T**, Kawai C, Yamauchi A, Kuribayashi F. Regulation of Derlin-1-mediated degradation of NADPH oxidase partner p22phox by thiol modification. *Redox Biol* 56:102479, 2022
- 30) Miwa K, **Koga M**, Inoue M, **Yoshimura S**, Sasaki M, Yakushiji Y, Fukuda-Doi M, **Okada Y**, Nakase T, Ihara M, Nagakane Y, Takizawa S, Asakura K, Aoki J, Kimura K, Yamamoto H, **Toyoda K**. Cerebral microbleeds development after stroke thrombolysis: A secondary analysis of the THAWS randomized clinical trial. *Int J Stroke* 17:628-636, 2022
- 31) Miwa K, **Koga M**, Jensen M, Inoue M, **Yoshimura S**, Fukuda-Doi M, Boutitie F, Ma H, Ringleb PA, Wu O, Schwamm LH, Warach S, Hacke W, Davis SM, Donnan GA, Gerloff C, Thomalla G, **Toyoda K**; Evaluation of Unknown Onset Stroke Thrombolysis Trials (EOS) Investigators. Alteplase for stroke with unknown onset time in chronic kidney disease: A pooled analysis of individual participant data. *Stroke* 53:3295-3303, 2022
- 32) Miwa K, **Koga M**, Nakai M, **Yoshimura S**, Sasahara Y, Koge J, Sonoda K, Ishigami A, Iwanaga Y, Miyamoto Y, Kobayashi S, Minematsu K, **Toyoda K**; Japan Stroke Data Bank Investigators. Etiology and outcome of ischemic stroke in patients with renal impairment including chronic kidney disease: Japan Stroke Data Bank. *Neurology* 98:e1738-e1747, 2022
- 33) **Nakanishi Y**, **Furuta Y**, **Hata J**, Yubi T, Oishi E, Sakata S, Hirakawa Y, **Wakisaka Y**, Ago T, **Kitazono T**, Ninomiya T. Long-term trends in the 5-year risk of recurrent

stroke over a half century in a Japanese community: The Hisayama Study. *J Atheroscler Thromb* 29:1759-1773, 2022

- 34) Nakamizo A, Amano T, Matsuo S, Miyamatsu Y, **Kuwashiro T, Yasaka M, Okada Y, Mizoguchi M, Yoshimoto K.** Five-year changes in cognitive function and their predictor in adult moyamoya disease. *World Neurosurg* 165:e346-e351, 2022
- 35) Nakazawa T, Ohara T, Hirabayashi N, **Furuta Y, Hata J, Shibata M, Honda T, Kitazono T, Nakao T, Ninomiya T.** Multiple-region grey matter atrophy as a predictor for the development of dementia in a community: the Hisayama Study. *J Neurol Neurosurg Psychiatry* 93:263-271, 2022
- 36) Nishihara M, Hiasa KI, Enzan N, Ichimura K, Iyonaga T, **Shono Y, Kashiura M, Moriya T, Kitazono T, Tsutsui H.** Hyperoxemia is ssociated with poor neurological outcomes in patients with out-of-hospital cardiac arrest rescued by extracorporeal cardiopulmonary resuscitation: Insight from the nationwide multicenter observational JAAM-OHCA (Japan Association for Acute Medicine) Registry. *J Emerg Med* 63:221-231, 2022
- 37) Noguchi H, Koyama S, Yagita K, **Shijo M, Matsuzono K, Hamasaki H, Kanemaru T, Okamoto T, Kai K, Aishima S, Abe K, Sasagasko N, Honda H.** Silence of resident microglia in GPI anchorless prion disease and activation of microglia in Gerstmann-Sträussler-Scheinker disease and sporadic Creutzfeldt-Jakob disease. *J Neuropathol Exp Neurol* 82:38-48, 2022
- 38) Noguchi-Shinohara M, Ono K, Yuki-Nozaki S, Iwasa K, Yokogawa M, Komai K, Thyreau B, Tatewaki Y, Taki Y, Shibata M, Ohara T, **Hata J, Ninomiya T, Yamada M.** Association of the prefrailty with global brain atrophy and white matter lesions among cognitively unimpaired older adults: the Nakajima study. *Sci Rep* 12:12129, 2022
- 39) Noguchi-Shinohara M, Yuki-Nozaki S, Abe C, Mori A, Horimoto M, Yokogawa M, Ishida N, Suga Y, Ishizaki J, Ishimiya M, Nakamura H, Komai K, Nakamura H, Shibata M, Ohara T, **Hata J, Ninomiya T, Yamada M;** Japan Prospective Studies Collaboration for Aging and Dementia (JPSC-AD) study group. Diabetes mellitus, elevated hemoglobin A1c, and glycated albumin are associated with the presence of all-cause dementia and Alzheimer's disease: The JPSC-AD Study. *J Alzheimers Dis* 85:235-247, 2022
- 40) Ohara T, **Hata J, Tanaka M, Honda T, Yamakage H, Inoue T, Hirakawa Y, Kusakabe T, Shibata M, Kitazono T, Nakao T, Satoh-Asahara N, Ninomiya T.** Association of daily sleep duration with the incident dementia by serum soluble TREM2 in a community. *J Am Geriatr Soc* 70:1147-1156, 2022
- 41) **Ohya Y, Matsuo R, Sato N, Irie F, Nakamura K, Wakisaka Y, Ago T, Kamouchi M, Kitazono T;** Investigators for Fukuoka Stroke Registry. Causes of ischemic stroke in young adults

versus non-young adults: A multicenter hospital-based observational study. *PLoS One* 17:e0268481, 2022

- 42) Okada T, Yoshimoto T, **Wada S, Yoshimura S**, Chiba T, Egashira S, **Kimura S**, Shiozawa M, Inoue M, Ihara M, **Toyoda K**, Takashima H, **Koga M**. Intravenous thrombolysis with Alteplase at 0.6 mg/kg in patients with ischemic stroke taking direct oral anticoagulants. *J Am Heart Assoc* 11:e025809, 2022
- 43) Okuda T, Arimura K, **Matsuo R**, Tokunaga S, Hara K, Yamaguchi S, Yoshida H, Kurogi R, Kameda K, Ito O, Tsumoto T, Iihara K, Mizokami T, **Uwatoko T**, Nishimura A, Iwaki K, Mizoguchi M; QNET investigators. Efficacy of combined use of a stent retriever and aspiration catheter in mechanical thrombectomy for acute ischemic stroke. *J Neurointerv Surg* 14:892-897, 2022
- 44) Oyama H, Oda K, Matsuo R. Factors associated with health-related quality of life in long-stay in patients with chronic schizophrenia. *Psychiatry Clin Neurosci Rep* 1:e42, 2022
- 45) Polymeris AA, Macha K, Paciaroni M, Wilson D, **Koga M**, Cappellari M, Schaadelin S, Zietz A, Peters N, Seiffge DJ, Haupenthal D, Gassmann L, De Marchis GM, Wang R, Gensicke H, Stoll S, Thilemann S, Avramiotis NS, Bonetti B, Tsivgoulis G, Ambler G, Alberti A, **Yoshimura S**, Brown MM, Shiozawa M, Lip GYH, Venti M, Acciarresi M, Tanaka K, Mosconi MG, Takagi M, Jäger RH, Muir K, Inoue M, Schwab S, Bonati LH, Lyrer PA, **Toyoda K**, Caso V, Werring DJ, Kallmünzer B, Engelter ST; NOACISP-LONGTERM, Erlangen Registry, CROMIS-2, RAF, RAF-DOAC, SAMURAI-NVAF and Verona Registry Collaborators. Oral anticoagulants in the oldest old with recent stroke and atrial fibrillation. *Ann Neurol* 91:78-88, 2022
- 46) Ren N, Ogata S, Kiyoshige E, Nishimura K, Nishimura A, **Matsuo R, Kitazono T**, Higashi T, Ogasawara K, Iihara K; Close The Gap-Stroke, J-ASPECT Study Collaborators. Associations between adherence to evidence-based, stroke quality indicators and outcomes of acute reperfusion therapy. *Stroke* 53:3359-3368, 2022
- 47) Sasaki T, Sakata S, Oishi E, **Furuta Y**, Honda T, **Hata J**, Tsuboi N, **Kitazono T**, Yokoo T, Ninomiya T. Day-to-day blood variability and risk of incident chronic kidney disease in a general Japanese population. *J Am Heart Assoc* 11:e027173, 2022
- 48) **Shono Y, Mezuki S**, Akahoshi T, Nishihara M, Kaku N, Maki J, Tokuda K, **Kitazono T**. Prediction of intracranial lesions in patients with consciousness disturbance by ultrasonography in the intensive care unit. *J Int Med Res* 50:3000605221119358, 2022
- 49) Suda S, Abe A, Iguchi Y, Yagita Y, Kanzawa T, Okubo S, Ohara N, Mizunari T, Yamazaki M, Nakajima N, Kondo K, **Fujimoto S**, Inoue T, Iwanaga T, Terasawa Y, Shibasaki K, Kono Y, Nakajima M, Nakajima M, Mishina M, Adachi K, Imafuku I, Nomura K, Nagao T, Yaguchi H, Okamoto S, **Osaki M**, Kimura K. Characteristics of ischemic versus

hemorrhagic stroke in patients receiving oral anticoagulants: Results of the PASTA Study.  
*Intern Med* 61:801-810, 2022

- 50) Takashima M, Nakamura K, Kiyohara T, Wakisaka Y, Hidaka M, Takaki H, Yamanaka K, Shibahara T, Wakisaka M, Ago T, Kitazono T. Low-dose sodium-glucose cotransporter 2 inhibitor ameliorates ischemic brain injury in mice through pericyte protection without glucose-lowering effects. *Commun Biol* 5:653, 2022
- 51) Tanaka K, Miwa K, Takagi M, Sasaki M, Yakushiji Y, Kudo K, Shiozawa M, Tanaka J, Nishihara M, Yamaguchi Y, Fujita K, Honda Y, Kawano H, Ide T, Yoshimura S, Koga M, Hirano T, Toyoda K. Increased cerebral small vessel disease burden with renal dysfunction and albuminuria in patients taking antithrombotic agents: The Bleeding with Antithrombotic Therapy 2. *J Am Heart Assoc* 11:e024749, 2022
- 52) Thyreau B, Tatewaki Y, Chen L, Takano Y, Hirabayashi N, Furuta Y, Hata J, Nakaji S, Maeda T, Noguchi-Shinohara M, Mimura M, Nakashima K, Mori T, Takebayashi M, Ninomiya T, Taki Y; Japan Prospective Studies Collaboration for Aging and Dementia (JPSC-AD) Study Group. Higher-resolution quantification of white matter hypointensities by large-scale transfer learning from 2D images on the JPSC-AD cohort. *Hum Brain Mapp* 43:3998-4012, 2022
- 53) Tokunaga K, Yasaka M, Toyoda K, Mori E, Hirano T, Hamasaki T, Yamagami H, Nagao T, Yoshimura S, Uchiyama S, Minematsu K; RELAXED Study Investigators. Bridging therapy with heparin before starting rivaroxaban in ischemic stroke or transient ischemic attack with non-valvular atrial fibrillation. *Circ J* 86:958-963, 2022
- 54) Toyoda K, Omae K, Hoshino H, Uchiyama S, Kimura K, Miwa K, Minematsu K, Yamaguchi K, Suda Y, Toru S, Kitagawa K, Ihara M, Koga M, Yamaguchi T; CSPS.com Trial Investigators. Association of timing for starting dual antiplatelet treatment with cilostazol and recurrent stroke: A CSPS.com Trial Post Hoc Analysis. *Neurology* 98:e983-e992, 2022
- 55) Toyoda K, Yoshimura S, Fukuda-Doi M, Qureshi AI, Martin RH, Palesch YY, Ihara M, Suarez JI, Okada Y, Hsu CY, Itabashi R, Wang Y, Yamagami H, Steiner T, Sakai N, Yoon BW, Inoue M, Minematsu K, Yamamoto H, Koga M; ATACH Trial Investigators and the SAMURAI Investigators. Intensive blood pressure lowering with nicardipine and outcomes after intracerebral hemorrhage: An individual participant data systematic review. *Int J Stroke* 17:494-505, 2022
- 56) Toyoda K, Yoshimura S, Nakai M, Koga M, Sasahara Y, Sonoda K, Kamiyama K, Yazawa Y, Kawada S, Sasaki M, Terasaki T, Miwa K, Koge J, Ishigami A, Wada S, Iwanaga Y, Miyamoto Y, Minematsu K, Kobayashi S; Japan Stroke Data Bank Investigators. Twenty-year change in severity and outcome of ischemic and hemorrhagic strokes. *JAMA Neurol*

79:61-69, 2022

- 57) Ueda E, Hirabayashi N, Ohara T, **Hata J**, Honda T, Fujiwara K, **Furuta Y**, Shibata M, Hashimoto S, Nakamura S, Nakazawa T, Nakao T, **Kitazono T**, Ninomiya T, Sonoda KH. Association of inner retinal thickness with prevalent dementia and brain atrophy in a general older population: The Hisayama Study. *Ophthalmol Sci* 2:100157, 2022
- 58) Yagita K, Honda H, Ohara T, Hamasaki H, Koyama S, Noguchi H, Mihara A, Nakazawa T, **Hata J**, Ninomiya T, Iwaki T. A comparative study of site-specific distribution of aging-related tau astrogliopathy and its risk factors between Alzheimer disease and cognitive healthy brains: The Hisayama Study. *J Neuropathol Exp Neurol* 81:106-116, 2022
- 59) Yamashita K, **Kuwashiro T**, Ishikawa K, Furuya K, Harada S, Shin S, Wada N, Hirakawa C, **Okada Y**, Noguchi T. Right entorhinal cortical thickness is associated with Mini-Mental State Examination scores from multi-country datasets using MRI. *Neuroradiology* 64:279-28, 2022
- 60) Yamauchi K, Kumagae K, Goto K, Harayama E, Tanaka S, Hagiwara R, Uchida Y, Kuroyama S, Koyanagi Y, **Arakawa S**. Ambulation status at an acute care hospital predicts pneumonia and mortality in stroke patients: A retrospective cohort study. *Geriatr Gerontol Int* 22:554-559, 2022
- 61) Yasuhiko Y, Ishigami M, Machino S, Fujii T, Aoki M, **Irie F**, Kanda Y, Yoshida M. Comparison of the lower limit of benchmark dose confidence interval with no-observed-adverse-effect level by applying four different software for tumorigenicity testing of pesticides in Japan. *Regul Toxicol Pharmacol* 133:105201, 2022
- 62) Washio Y, Sakata S, Fukuyama S, Honda T, Kan-O K, Shibata M, **Hata J**, Inoue H, **Kitazono T**, Matsumoto K, Ninomiya T. Risks of mortality and airflow limitation in Japanese individuals with preserved ratio impaired spirometry. *Am J Respir Crit Care Med* 206:563-572, 2022
- 63) Zhou Z, Xia C, Mair G, Delcourt C, **Yoshimura S**, Liu X, Chen Z, Malavera A, Carcel C, Chen X, Wang X, Al-Shahi Salman R, Robinson TG, Lindley RI, Chalmers J, Wardlaw JM, Parsons MW, Demchuk AM, Anderson CS. Thrombolysis outcomes according to arterial characteristics of acute ischemic stroke by alteplase dose and blood pressure target. *Int J Stroke* 17:566-575, 2022

#### 英文症例報告

- 1) Hattori Y, **Tagawa N**, Nakamura M, Ihara M. Impact of blood flow volume in determining the destination of intracardiac thrombi using computational fluid dynamics. *eNeurologicalSci* 29:100437, 2022
- 2) Ikeuchi Y, Kitayama J, Sahara N, Okata T, Miyake N, Matsumoto N, **Kitazono T**,

**Ago T.** Filamin A variant as a possible second-hit gene promoting moyamoya disease-like vascular formation associated with RNF213 p.R4810K variant. *Neurol Genet* 8:e200017, 2022

- 3) **Koga N**, Shoji H, **Matsushita T**, **Fukushima Y**, **Fukuda K**, Oguri S. Varicella zoster virus associated-polyradiculoneuritis in an elderly woman: A new subtype of varicella zoster virus neuropathy. *Rinsho Shinkeigaku* 62:935-939, 2022
- 4) **Sakai S**, Tsurusaki Y, Morita T, Miki K, Inoue D, Haga S, **Arihiro S**. Multiple thrombectomies for cerebral and coronary artery occlusion in Troussseau syndrome. *Journal of Neuroendovascular Therapy* 16:116-122, 2022
- 5) **Shibahara T**, Sakamoto K, **Yoshino F**, Matsuoka M, Tachibana M, Kamezaki K, **Kuroda J**, Kuroiwa M, **Nakane H**. Usefulness of arterial spin labeling in identifying status epilepticus secondary to acquired thrombotic thrombocytopenic purpura. *eNeurologicalSci* 29:100435, 2022
- 6) **Shibahara T**, Nakamura K, Abe D, Tagawa N, Wakisaka Y, Kitazono T, Ago T. Progressive small-vessel strokes following antiretroviral therapy in a patient with acquired immunodeficiency syndrome. *J Stroke Cerebrovasc Dis* 31:106409, 2022
- 7) **Shibahara T**, **Yoshino F**, Matsuoka M, Tachibana M, Nakamura K, Ago T, **Kuroda J**, **Nakane H**. Neurosarcoidosis presenting with prominent periventricular white-matter lesions during steroid treatment for autoimmune hepatitis. *Case Rep Neurol* 14:334-340, 2022
- 8) Shiraishi W, Umemura T, Nakayama Y, Yamada Y, **Shijo M**, Hashimoto T. Paraneoplastic tumefactive demyelination associated with seminoma. *Front Neurol* 13:946180, 2022
- 9) Tomoyose R, Miyata T, Shiraishi W, Ogura T, **Koga N**, Agawa Y, Umemura T, Tsujimoto Y, Nakajima H, Sakamoto H, Wakabayashi T, Nakazawa Y, Hatano T. Gadolinium-enhanced MR improved motion sensitized driven equilibrium (iMSDE) for intracranial vessel imaging in giant cell arteritis. *J Stroke Cerebrovasc Dis* 31:106697, 2022
- 10) **Tsurusaki Y**, **Sakai S**, Morita T, Miki K, Inoue D, Haga S, **Arihiro S**. A case of huge scrotal hematoma during mechanical thrombectomy. *Journal of Neuroendovascular Therapy* 16:565–569, 2022

#### 英文総説・その他

- 1) **Fujimoto S**. What is the best anticoagulant therapy in acute-phase ischemic stroke with nonvalvular atrial fibrillation? *Circ J* 86:964-965, 2022
- 2) **Irie F**. Commentary on the risk assessment of lead by the food safety commission of

Japan. *Food Saf (Tokyo)* 10:102-111, 2022

- 3) Kiyohara T, Ago T. Can calcium channel blockers prevent ischemic stroke in nonvalvular atrial fibrillation patients?: The optimal choice of antihypertensive drug for subtype-specific stroke prevention. *Hypertens Res* 45:1076-1078, 2022
- 4) Toyoda K. Intensive blood pressure lowering for ischemic stroke patients: does it prevent ischemia or bleeding? *Hypertens Res* 45:769-771, 2022
- 5) Toyoda K, Koga M. Controlling blood pressure soon after intracerebral hemorrhage: The SAMURAI-ICH Study and its successors. *Hypertens Res* 45:583-590, 2022
- 6) Wakisaka M, Nakamura K, Kitazono T. The presence of sodium glucose co-transporter 2 in mesangial cells and pericytes and its roles in mesangial lesions and in capillaries under diabetic and ischemic conditions. *Diabetes Res Clin Pract* 192:110096, 2022
- 7) Wakisaka Y. Processing speed domain of cognitive function for screening early cognitive impairment among individuals with atrial fibrillation. *Circ J* 87:27-28, 2022

### 和文原著

- 1) 入江研一, 三輪佳織, 池之内初, 千葉哲矢, 細木聰, 吉村壯平, 猪原匡史, 豊田一則, 古賀政利. 頭蓋内椎骨動脈解離における延髄梗塞の特徴と機能的転帰. *脳卒中* 44:512-517, 2022
- 2) 上床武史、井戸啓介、溝上泰一朗、横溝明史、藤井裕太郎、並川裕貴、尤郁偉、高島洋、松本健一. 佐賀における高齢者脳血栓回収術の現状と対応. *佐賀救急医学会雑誌* 8:9-12, 2022
- 3) 原山永世, 阿野菜々美, 山内康太, 荒川修治. 急性期脳損傷後の自動車運転再開困難者における高次脳機能障害の特徴と傾向. *日本安全運転医療学会誌* 2:38-45, 2022
- 4) 牧園征也, 溝口忠孝, 古賀翔, 横道信之, 成瀬真子, 田村眞衣華, 星野瑠璃, 田口裕子, 田川直樹, 森興太, 桑城貴弘, 杉森宏, 矢坂正弘, 梶原秀明, 岡田靖. 脳卒中ケアユニット入院患者の ADL 動作に対するリハビリテーションスタッフと看護師の FIM 評価の比較. *医療* 76:161-167, 2022

### 和文症例報告

- 1) 江頭柊平, 吉本武史, 田中寛大, 鴨川徳彦, 塩澤真之, 高下純平, 豊田一則, 古賀政利. バセドウ病, IgG 関連眼疾患を有し COVID-19 回復後に一過性脳虚血発作を呈した脳静脈洞血栓症. *臨床神経学* 62:928-934, 2022
- 2) 小倉健紀, 北村泰佑, 波多野武人. 短期間で増大する解離性椎骨動脈瘤に対

し、フローダイバーターステントを留置して治癒し得た 1 例. *脳神経外科ジャーナル* 31:471-476, 2022

- 3) 長堀貴, 北村泰佑, 友寄龍太, 白石渉, 宮田武, 白井保之, 波多野武人. 機械的血栓回収療法で回収した塞栓子より *Gemella haemolysans* の菌塊を検出し、早期大腸癌の発見につながった 1 例. *脳卒中* 44:157-161, 2022
- 4) 原山永世, 山内康太, 熊谷謙一, 小柳靖裕, 荒川修治. 脳梗塞に対する脳血管内治療後の二相性経過を伴う遅発性白質病変の 1 例. *The Japanese Journal of Rehabilitation Medicine* 59:223-230, 2022
- 5) 森田隆雄, 有廣昇司, 鶴崎雄一郎, 坂井翔建, 芳賀整. Arterial spin labeling 法による頭部 MR 灌流画像で血行動態を評価した頸部内頸動脈攣縮症の 1 例. *臨床神経学* 62:178-183, 2022

### 和文総説

- 1) 吾郷哲朗. 【最新の診断と治療】病態生理 脳微小循環と neurovascular unit. *日本臨床* 80 増刊号 1 最新臨床脳卒中学(上) 1118-124, 2022
- 2) 吾郷哲朗. 【最新の診断と治療】基礎研究の動向 脳虚血病態におけるペリサイド機能の重要性. *日本臨床* 80 増刊号 2 最新臨床脳卒中学(下) 644-649, 2022
- 3) 吾郷哲朗. 【発展する脳卒中診療の最前線】脳卒中病態解明の進歩 Neurovascular unit 脳梗塞発症から機能回復まで. *医学のあゆみ* 280:1020-1027, 2022
- 4) 安部大介, 竹迫仁則. 【最新の診断と治療】脳梗塞各論 心原性脳塞栓症 慢性期治療. *日本臨床* 80 増刊号 2 最新臨床脳卒中学(下) 181-186, 2022
- 5) 荒川修治. 【最新の診断と治療】脳梗塞各論 ラクナ梗塞 慢性期治療. *日本臨床* 80 増刊号 2 最新臨床脳卒中学(下) 134-139, 2022
- 6) 有廣昇司. 【最新の診断と治療】脳梗塞各論 心原性脳塞栓症 画像診断. *日本臨床* 80 増刊号 2 最新臨床脳卒中学(下) 169-1744, 2022
- 7) 位田隆一, 井林雪郎, 小笠原邦昭, 古賀政利, 塩川芳昭, 中島弘, 橋本洋一郎, 藤本茂, 宮本享, 薬師寺祐介, 片岡大治, 一般社団法人日本脳卒中学会, 重症脳卒中における生命倫理プロジェクトチーム. 重症脳卒中の維持期における緩和と療養に関する提言. *脳卒中* 44:82-85, 2022
- 8) 伊藤鉄英, 長尾哲彦. 「慢性肺炎」の話をしよう. *臨床と研究* 99:770-777, 2022
- 9) 井上尚英, 長尾哲彦. 【治せる認知症・認知症様状態を見逃さないために】パーキンソン病と共に歩んできた 50 年. *臨床と研究* 99:1372-1379, 2022
- 10) 今村裕佑, 脇坂義信, 北園孝成. 【脂質異常症診療の最新知識】動脈硬化性疾患の脂質管理 脳血管障害. *臨床と研究* 99:65-68, 2022
- 11) 大星博明. 【最新の診断と治療】病態生理 虚血再灌流障害. *日本臨床* 80 増

刊号1 最新臨床脳卒中学(上) 137-142, 2022

- 12) 大星博明. 【最新の診断と治療】脳出血総論 慢性期治療. *日本臨床* 80 増刊号2 最新臨床脳卒中学(下) 298-303, 2022
- 13) 緒方利安. 【最新の診断と治療】脳梗塞総論 慢性期治療 血圧管理. *日本臨床* 80 増刊号2 最新臨床脳卒中学(下) 80-85, 2022
- 14) 岡田靖. 【最新の診断と治療】脳卒中治療ガイドライン 2021 その他の脳血管障害. *日本臨床* 80 増刊号1 最新臨床脳卒中学(上) 667-671, 2022
- 15) 尾崎雄一, 矢坂正弘, 杉森宏. 【抗血栓薬の使用の留意点】虚血性脳血管障害と抗血栓薬. *日本医師会雑誌* 150:1962-1966, 2022
- 16) 鍵山智子. 【重症患者受け入れ1割増の余波-現場から】(Part 2)現場から 受け入れ患者層広がったがきめ細かな対応で本来のリハビリテーション病院としての機能を堅持. *回復期リハビリテーション* 21:17, 2022
- 17) 鴨川徳彦, 豊田一則. 【発展する脳卒中診療の最前線】脳卒中治療の進歩 抗血小板療法の最新動向. *医学のあゆみ* 280:1070-1076, 2022
- 18) 北山次郎. 【最新の診断と治療】脳梗塞各論 アテローム血栓性脳梗塞 急性期治療. *日本臨床* 80 増刊号2 最新臨床脳卒中学(下) 151-156, 2022
- 19) 熊井康敬. 【最新の診断と治療】脳梗塞各論 心原性脳塞栓症 心原性脳塞栓症の急性期治療. *日本臨床* 80 増刊号2 最新臨床脳卒中学(下) 175-180, 2022
- 20) 黒田淳哉. 【最新の診断と治療】脳梗塞各論 心原性脳塞栓症 病態と症候. *日本臨床* 80 増刊号2 最新臨床脳卒中学(下) 163-168, 2022
- 21) 桑城貴弘. 私の診療経験から 脳卒中治療ガイドライン改訂による最新の抗血栓治療. *臨床と研究* 99:1279-1283, 2022
- 22) 桑城貴弘. 【最新の診断と治療】脳梗塞各論 一過性脳虚血発作 治療. *日本臨床* 80 増刊号2 最新臨床脳卒中学(下) 242-247, 2022
- 23) 芝原友也. 脳梗塞後の組織修復と機能回復におけるペリサイトとマクロファージの相互作用. *先進医薬研究振興財団研究成果報告集*, 2022:246-247
- 24) 杉森宏. 【最新の診断と治療】画像診断 超音波検査 経頭蓋超音波ドプラ検査. *日本臨床* 80 増刊号1 最新臨床脳卒中学(上) 499-503, 2022
- 25) 七田崇. 【最新の診断と治療】基礎研究の動向 脳血管障害と炎症細胞. *日本臨床* 80 増刊号2 最新臨床脳卒中学(下) 668-672, 2022
- 26) 杉森宏, 桑城貴弘, 矢坂正弘. 【知っておきたい血栓予防療法のエッセンス】各種血栓予防療法 脳血管血栓予防. *診断と治療* 110:487-492, 2022
- 27) 杉森宏, 森興太, 矢坂正弘, 岡田靖. 【高齢者における抗血栓薬の使い方】転倒や出血を考慮した抗血栓薬管理. 日本老年医学会雑誌 59:305-311, 2022
- 28) 豊田一則. 循環器病トピックス 脳卒中医学の臨床試験 国民病制圧への弛まぬ挑戦. *医療の広場* 62:4-7, 2022

- 29) 豊田一則. 神経感染症と神経難病」 感染症と脳血管障害 感染性心内膜炎と新型コロナウイルス感染症. *NEUROINFECTION* 27:75–79, 2022
- 30) 豊田一則. 【最新の診断と治療】わが国における大規模臨床試験 CSPS.com. *日本臨床* 80 増刊号 2 最新臨床脳卒中学(下) 536–541, 2022
- 31) 豊田一則, 吉村壮平. 【最新の診断と治療】疫学 日本脳卒中データバンク. *日本臨床* 80 増刊号 1 最新臨床脳卒中学(上) 76–80, 2022
- 32) 中西泰之, 秦淳, 二宮利治. 【最新の診断と治療】疫学 久山町研究. *日本臨床* 80 増刊号 1 最新臨床脳卒中学(上) 47–52, 2022
- 33) 中根博. 院長就任のごあいさつ. *ほすびたる* 2022;No763, 11月号、5
- 34) 中村朱里, 七田崇. 【細胞死のすべて-そのメカニズムと,生命現象・疾患との関わり】疾患と細胞死 脳梗塞における神経細胞死の誘導機序. *医学のあゆみ* 283:506–510, 2022
- 35) 中村晋之. 【最新の診断と治療】基礎研究の動向 細胞外マトリックス. *日本臨床* 80 増刊号 2 最新臨床脳卒中学(下) 679–686, 2022
- 36) 秦淳, 二宮利治. 【冠動脈疾患の一次予防 update】冠動脈疾患の疫学と危険因子. *循環器内科* 92:359–365, 2022
- 37) 日高壮意, 吾郷哲朗. 【BBB-単なる障壁ではない】正常におけるメカニズム 単なる壁細胞ではない 脳機能遂行の鍵を握るペリサイト. *Clinical Neuroscience* 40:1522–1525, 2022
- 38) 日高壮意, 脇坂義信, 北園孝成. 【脳梗塞-急性期治療の進歩と今後の課題】脳梗塞再発予防のための内科的リスク管理. *カレントテラピー* 40:277–281, 2022
- 39) 福田賢治. 【最新の診断と治療】脳梗塞各論 アテローム血栓性脳梗塞 慢性期治療. *日本臨床* 80 増刊号 2 最新臨床脳卒中学(下) 157–162, 2022
- 40) 藤本茂. 【脳卒中と循環器病克服第二次 5 カ年計画-ストップ CVD(脳心血管病)健康長寿を達成するために!-】5 戦略事業のトピックス 脳卒中センターへの脳卒中相談窓口の設置. *Progress in Medicine* 42:149–152, 2022
- 41) 藤本茂. 【脳卒中対策基本法での医療の未来図】脳卒中と福祉・人材育成. *脳神経内科* 96:364–368, 2022
- 42) 藤本茂. 【最新の診断と治療】脳梗塞各論 分類不能例 大動脈原性脳塞栓症. *日本臨床* 80 増刊号 2 最新臨床脳卒中学(下) 193–198, 2022
- 43) 松尾龍. 【最新の診断と治療】脳梗塞各論 分類不能例 塞栓源不明脳塞栓症(ESUS). *日本臨床* 80 増刊号 2 最新臨床脳卒中学(下) 225–232, 2022
- 44) 松尾龍, 吾郷哲朗. 【脳卒中と社会背景】気候・大気汚染と脳卒中. *脳神経内科* 94:512–520, 2022
- 45) 松尾龍, 鴨打正浩. 【脳血管障害-脳卒中医療の今,そして未来】実地医家に必要な最新の知識 脳卒中疫学の最近の話題. *Medical Practice* 39:1797–1803, 2022
- 46) 松尾龍, 北園孝成, 鴨打正浩. 【最新の診断と治療】疫学 Fukuoka Stroke Registry. *日*

**日本臨床** 80 増刊号 1 最新臨床脳卒中学(上) 81-88, 2022

- 47) 宮本享, 位田隆一, 井林雪郎, 小笠原邦昭, 片岡大治, 古賀政利, 塩川芳昭, 竹川英宏, 中島弘, 橋本洋一郎, 藤井由記代, 藤本茂, 薬師寺祐介, 一般社団法人日本脳卒中学会, 脳卒中における緩和と療養の生命倫理に関するプロジェクトチーム. 自宅復帰困難な後遺症を呈する脳卒中の維持期(生活期)における緩和と療養に関する提言. **脳卒中** 44:671-679, 2022
- 48) 森興太, 矢坂正弘, 杉森宏, 岡田靖. 治療の実際 超高齢社会における脳梗塞慢性期治療 脳梗塞予防と頭蓋内出血回避を如何に両立させるか. **臨床と研究** 99:1161-1165, 2022
- 49) 矢坂正弘, 杉森宏, 桑城貴弘, 岡田靖. 【最新の診断と治療】治療概論 抗血栓療法の新たな展開. **日本臨床** 80 増刊号 1 最新臨床脳卒中学(上) 546-553, 2022
- 50) 矢坂正弘, 杉森宏, 桑城貴弘, 岡田靖. 【脳梗塞-急性期治療の進歩と今後の課題】治療薬解説 登場が期待される新規抗血栓薬. **カレントテラピー** 40:295-299, 2022
- 51) 矢坂正弘, 吉村壮平, 奥村謙, 金澤英明, 原英彦. 【ブレインハートチーム】塞栓源性心疾患の治療とブレインハートチーム. **Cardio-Coagulation** 9:138-146, 2022
- 52) 吉村昭彦, 七田崇, 伊藤美菜子. 【シン・マクロファージ あらゆる疾患を制御する機能的多様性】(第2章)病気とマクロファージの多様性を知る 14 の方法 脳梗塞後の炎症とマクロファージ. **実験医学** 40:7774-780, 2022
- 53) 吉村壮平. 【最新臨床脳卒中学(第2版)上-最新の診断と治療-】診断 一般検査. **日本臨床** 80 増刊号 1 最新臨床脳卒中学(上) 428-433, 2022
- 54) 脇坂義信, 北園孝成. 【頸動脈病変の臨床-その診断と治療に必要な知識】日本人の脳梗塞において頸動脈病変について. **カレントテラピー** 40:650-656, 2022

#### 和文著書

- 1) 中村晋之. 脳梗塞急性期と慢性期の抗血小板療法. **最新主要文献でみる脳神経外科学レビュー2023-24**, 新井一ほか(編), 総合医学社, 東京, pp82-88, 2022

他施設の先生方との共同発表・共同著書が多い岡田靖先生(九州医療センター)、矢坂正弘先生(九州医療センター)、豊田一則先生(国立循環器病研究センター)、藤本茂先生(自治医科大学)、古賀政利(国立循環器病研究センター)の5名の先生方の業績については、筆頭演者または筆頭著者の場合に限定して記載しています。  
なお、共同演者・共同著者に脳循環代謝研究室メンバーが含まれている場合は、5先生方が筆頭著者・筆頭演者でない場合も業績一覧に含めています。