

近年の主な業績

英文論文

1. Osawa S, Ohno M, Miyakita Y, Takahashi M, Yanagisawa S, Honda-Kitahara M, Nakashima T, Fujita S, Tsuchiya T, Sato T, Sugino H, Yoshida A, Ichimura K, Suzuki H, Narita Y: Usefulness of Frameless Neuronavigation-Guided Stereotactic Biopsy for Brain Lesions Under Local Anesthesia: Surgical Outcomes and Feasibility for Molecular Diagnosis-Case Series. *Neurosurg Pract.* 2025 Apr 3;6(2):e00133. doi: 10.1227/neuprac.0000000000000133. eCollection 2025 Jun. PMID: 41163986
2. Masui K, Onizuka H, Muragaki Y, Kawamata T, Kurata A, Komori T: Progression of long-term "untreated" oligodendroglioma cases: possible contribution of genomic instability. *Brain Tumor Pathol.* 2025 Apr;42(2):43-47. doi: 10.1007/s10014-025-00497-0. Epub 2025 Feb 26. PMID: 40009147.
3. Nakazato Y, Hirano K, Mitsuma T, Arimasu Y, Hirokawa T, Chiba T, Fujiwara M, Tanaka R, Kondo H, Kamma H: Regulatory SNP of TERT promoter accompanied by C228T and BRAFV 600E is an exacerbating factor of papillary thyroid carcinoma. *Oncol Lett.* 2025 Apr 7;29(6):267. doi: 10.3892/ol.2025.15013. eCollection 2025 Jun. PMID: 40235685
4. Kikuchi R, Inoue S, Inoue S, Kato S, Watanabe K, Hidaka M, Sekiguchi M, Kondo A, Katano A, Yasaka K, Ushiku T, Ikemura M, Hirato J, Nobusawa S, Ichimura K, Takami H, Kato M: Comprehensive Genome Analysis Facilitates the Diagnosis of Ependymoma With ZFTA::NCOA2 Fusion. *Pediatr Blood Cancer.* 2025 Jun 15:e31855. doi: 10.1002/pbc.31855. Online ahead of print. PMID: 40518604
5. Taomoto R, Aoki M, Enomoto T, Hirao N, Abe H, Shibahara J, Ichimura K, Satomi K, Hamasaki M: Difficulties of Differentiating Primary Histiocytic Sarcoma of the Central Nervous System from Glioblastoma in Older Patients: Methylation Analysis and Review of the Literature. *NMC Case Rep J.* 2025 Jun 30;12:275-281. doi: 10.2176/jns-nmc.2024-0335. PMID: 40698019; PMCID: PMC12279446.

6. Satomi K, Shibayama T, Hibiya T, Hayashi A, Nagahama K, Kato K, Nikai Y, Matsushita Y, Gomyo M, Yamagishi Y, Sasaki N, Saito K, Kobayashi K, Takeda A, Fujimoto S, Matsuo T, Takai K, Komori T, Tsuchiya K, Nagane M, Ichimura K, Shibahara J: MYB::QKI fusion-positive diffuse glioma of the cerebellum: A case report. *Neuropathology*. 2025 Jun;45(3):228-233.
7. Ishikawa T, Fukuoka K, Oba D, Ichimura K, Kanemura Y, Tanami Y, Ohashi H, Nakazawa A, Kurihara J, Koh K: Cerebellopontine angle SHH-activated embryonal tumor without interaction from the cerebellum in a patient with Cowden syndrome: A case report. *J Neuropathol Exp Neurol*. 2025 Jul 11:nlaf080. doi: 10.1093/jnen/nlaf080. Online ahead of print. PMID: 40644441
8. Kawama K, Tobisawa S, Uruha A, Uruha S, Nishimura H, Onizuka H, Masui K, Yoshizawa S, Yamamoto T, Komori T, Ishizawa K, Takahashi K: Myositis associated with antimitochondrial autoantibodies presenting with early respiratory failure. *Neuromuscul Disord*. 2025 Jul;52:105395. doi: 10.1016/j.nmd.2025.105395. Epub 2025 May 27. PMID: 40554190.
9. Kitahama K, Ho YJ, Satomi K, Shibayama T, Nagahama K, Ohtsuka K, Ohnishi H, Sakamoto Y, Shibahara J, Hayashi A: Epigenetic evolution and clinicopathological implications of distinct DNA methylation profiles in pancreatic ductal adenocarcinoma. *Sci Rep*. 2025 Aug 6;15(1):28747.
10. Ogihara R, Matsuura M, Ishida T, Morikubo H, Mitsui T, Saito D, Miyoshi J, Shibahara J, Sunami E, Hisamatsu T: A case of ulcerative colitis in a patient undergoing surgery due to exacerbation resulting in toxic megacolon after SARS-CoV-2 vaccination. *Clin J Gastroenterol*. 2025 Aug;18(4):557-562. doi:10.1007/s12328-025-02136-9. Epub 2025 Apr 28. PMID: 40295434.
11. Takami H, Satomi K, Liu APY, Abdelbaki MS: Non-germinomatous germ cell tumors of the CNS: Classification, diagnosis, and treatment. *Adv Cancer Res*. 2025;167:303-326. doi: 10.1016/bs.acr.2025.08.005. Epub 2025 Sep 10. PMID: 41198340.
12. Mizushima Y, Fukuoka K, Ichimura K, Oba D, Honda M, Mitani Y, Oshima K, Mori M, Arakawa Y, Ohashi H, Tanami Y, Ichimura K, Satomi K, Hirato J, Nakazawa A, Kurihara J, Koh K: Aqueductal posterior fossa type B ependymoma in Li-Fraumeni

- syndrome. *J Neuropathol Exp Neurol*. 2025 Sep 12:nlaf100. doi: 10.1093/jnen/nlaf100. Online ahead of print. PMID: 40971456
13. Watakabe M, Fukuoka K, Ichimura K, Tanami Y, Kobayashi M, Kurihara J, Nakazawa A, Koh K: Molecular features reflect clinical outcomes after recurrence in medulloblastoma: a single-institution experience. *Childs Nerv Syst*. 2025 Sep 23;41(1):287. doi: 10.1007/s00381-025-06965-4. PMID: 40987845
 14. Matsumoto Y, Suruga Y, Satomi K, Inoue Y, Hattori Y, Ishida J, Kurozumi K, Nobusawa S, Hirato J, Tanaka T, Yanai H, Washio K, Ichimura K, Ichikawa T, Otani Y, Tanaka S: A rare case of supratentorial ependymosarcoma harboring ZFTA::RELA fusion. *Brain Tumor Pathol*. 2025 Nov 23. doi: 10.1007/s10014-025-00523-1. Epub ahead of print. PMID: 41276717.
 15. Oba R, Ueno H, Oishi A, Nagahama K, Kanzaki G, Tsuboi N, Yokoo T, Nagase M: Upregulation of Piezo2 and increased extracellular matrix protein in diabetic kidney disease mice. *Hypertens Res*. 2025;48(4):1514-1528. DOI:10.1038/s41440-024-02082-y.
 16. Nikai Y, Satomi K, Saito K, Gomyo M, Matsushita Y, Kato K, Nagahama K, Isomura A, Hayashi A, Yamagishi Y, Sasaki N, Kobayashi K, Tsuchiya K, Nagane M, Ichimura K, Shibahara J: Glioblastoma, IDH-wildtype manifesting as intracranial hemorrhage A case report highlighting the clinical utility of digital polymerase chain reaction in integrated diagnoses. *Neuropathology*. 2025;45(4):e13025. DOI:10.1111/neup.13025.
 17. Miyazaki T, Hirai T, Nishida H, Fujii T, Isomura A, Nagahama K: Hepatitis E Virus-Associated Endocapillary Proliferative Glomerulonephritis in an Immunocompetent Adult. *Kidney Int Rep*. 2025;10(8):2871-2872. DOI:10.1016/j.ekir.2025.06.028.
 18. Otani M, Nagahama K, Nakamura K, Nagatomo A, Yoshida S, Okai K, Suzuki A, Sasaki M, Hirasawa S, Aki S, Tanaka H: Granulomatous interstitial nephritis due to sarcoidosis following SARS-CoV-2 infection a rare case report. *CEN Case Rep*. 2025;14(5):706-712. DOI:10.1007/s13730-025-01008-y.
 19. Sato H, Kanno M, Ito M, Ichimura K, Sonoda Y, Mitsui T: A congenital infant-type hemispheric glioma case with EML4::ALK fusion. *Childs Nerv Syst*. 2026 Jan 2;42(1):1. doi: 10.1007/s00381-025-07111-w. PMID: 41499502

20. Rokutan H, Ideyama M, Ono S, Kanazawa N, Nonaka K, Ishiwata T, Arai T: Practical marker-based stratification of early gastric neoplasms in older adults. *Am J Clin Pathol* . 2026 Jan 5;165(2):aqag002. doi: 10.1093/ajcp/aqag002

21. Takayama Y, Yaegashi M, Satomi K, Ishiyama T, Shioda M, Yazawa O, Ye W, Okagawa H, Saito S, Sasaoka K, Okura M, Koyama A, Oshima A, Sonoda M, Natsumeda M, Ichimura K, Yamanaka S, Fujii S, Yamamoto T, Tateishi K: BRAF-mutant high-grade glioma with pleomorphic and pseudopapillary features (HPAP): A PLNTY mimic demonstrating tumor progression during longitudinal follow-up. *Neurooncol Adv*. 2026 Jan 18;8(1):vdag008. doi: 10.1093/noajnl/vdag008. PMID: 41798681; PMCID: PMC12962799.

22. Inoue Y, Nakashima T, Shirakura T, Otani Y, Sasada S, Ishida J, Tanaka T, Miyahira A, Hibiya Y, Yoshioka T, Hirato J, Ichimura K, Suzuki H, Nobusawa S, Tanaka S: A Case of Spinal Astroblastoma-Like Neuroepithelial Tumor With MAMLD1::BEND2 Fusion. *Pathol Int*. 2026 Jan;76(1):e70075. doi: 10.1111/pin.70075. Online ahead of print. PMID: 41466358

23. Ishikawa T, Tsurubuchi T, Nagatomo K, Hosaka S, Fukushima H, Sakamoto N, Hirato J, Inoue Y, Ichimura K, Mizumoto M, Muroi A, Takada H, Ishikawa E: Primary subdural tumor mimicking subdural hematoma: illustrative case. *J Neurosurg Case Lessons*. 2026 Feb 2;11(5):CASE25849. doi: 10.3171/CASE25849. Print 2026 Feb 2. PMID: 41628438

24. Nikai Y, Yamashita K, Dobashi A, Togashi Y, Baba S, Hirasawa T, Ri M, Nunobe S, Kawachi H, Takeuchi K: Gastric mesenchymal tumor with PTCH1::GLI2 fusion: a distinct subset of GLI1/GLI2-altered tumors? *Virchows Arch*. 2026 Feb 11. doi: 10.1007/s00428-026-04439-9. Epub ahead of print.

25. Fujimoto K, Honda-Kitahara M, Hattori N, Matsushita Y, Hibiya Y, Satomi K, Matsunaga H, Tsutsumi S, Okamoto A, Inoue T, Yamada M, Watanabe M, Wakimoto H, Onuki R, Kato M, Sato TA, Ushijima T, Kitabayashi I, Ichimura K: Long-term administration of the mutant IDH inhibitor DS-1001b suppresses the growth of IDH1-mutant glioma in vitro and in mouse xenograft models and alters epigenetic profiles. *Acta Neuropathol*. 2026 Feb 12;151(1):15. doi: 10.1007/s00401-026-02989-5. PMID: 41677944.

26. Kodama T, Shimizu Y, Suzuki M, Akiyama O, Ogino I, Ichimura K, Kondo A: Utility of digital PCR for detecting TERT promoter mutations and CDKN2A homozygous deletion in meningioma. *Brain Tumor Pathol.* 2026 Feb 16. doi: 10.1007/s10014-025-00528-w. Online ahead of print. PMID: 41699167

27. Inamine I, Fukuoka K, Ichimura K, Mitani Y, Oba D, Satomi K, Kouzuki K, Honda M, Oshima K, Mori M, Tanami Y, Kobayashi M, Ohashi H, Watanabe N, Arakawa Y, Kurihara J, Koh K: Clinical Significance of Molecular Genetic Analysis in Diffuse Intrinsic Pontine Glioma: Two Case Reports. *Pediatr Blood Cancer.* 2026 Feb;73(2):e70043. doi: 10.1002/1545-5017.70043. Epub 2025 Dec 25. PMID: 41449987.

28. Tao K, Yoshioka T, Kato M, Komatsu K, Tsujimoto S, Sakamoto K, Tanimura K, Sugiyama M, Sekiguchi M, Nakano Y, Otani Y, Yatabe Y, Yoshida A, Okita H, Hirato J, Kohashi K, Tanaka Y, Kohsaka S, Kubo T, Sunami K, Hirata M, Tsutsumi S, Aburatani H, Koh K, Hirayama M, Karakawa S, Terashita Y, Fujisaki H, Yagi T, Yoneda A, Mochizuki S, Shichino H, Suzuki T, Takimoto T, Ichimura K, Ogawa C, Matsumoto K, Ichikawa H, Kato M: Genomic Profiling of Pediatric Solid Tumors With a Dual DNA/RNA Panel: JCCG-TOP2 Study. *Cancer Sci.* 2026 Feb;117(2):522-535. doi: 10.1111/cas.70249. PMID: 41249692

29. Go K, Katsuma A, Yoshioka E, Shofuda T, Fukuoka K, Ichimura K, Matsushita Y, Mineharu Y, Makino Y, Kawauchi T, Sasaki A, Hirato J, Inoue T, Kodama Y, Mano M, Kanematsu D, Kijima N, Kagawa N, Keino D, Mukasa A, Suzuki T, Yoshimoto K, Kuga D, Horiguchi K, Yamaguchi S, Kanamori M, Yamasaki K, Ishibashi K, Akai T, Yamaoka M, Ishizaki R, Kawamura A, Ohba S, Ishida J, Ando R, Fukai J, Miwa T, Fujii M, Muroi A, Saito K, Harada A, Hayashi Y, Nonaka M, Park YS, Kobayashi Y, Higuchi T, Miyairi Y, Yoshifuji K, Takebe N, Oya S, Nakajo K, Nakada M, Nakano Y, Kambara M, Adachi K, Tanaka K, Nakamura H, Sonoda Y, Saito R, Wataya T, Kurozumi K, Taylor MD, Narita Y, Shibui S, Arai H, Sakamoto H, Date I, Nagane M, Nishikawa R, Arakawa Y, Kanemura Y: Molecular and clinical features of a Japanese medulloblastoma cohort: Subgroup-specific prognostic stratification using economical/accessible diagnostic methods. *Brain Pathol.* 2026 Mar 11:e70092. doi: 10.1111/bpa.70092. Online ahead of print. PMID: 41808532

30. Morikubo H, Miyoshi J, Hayashi A, Komatsu H, Yonezawa H, Matsuura M, Shibahara J, Hisamatsu T: Transabdominal intestinal ultrasound versus transmural

histopathological findings in severe ulcerative colitis requiring colectomy. *Crohns Colitis* 360. 2026 Mar 7;8(1):otag017.

31. Koba T, Hibiya T, Shibayama T, Kato K, Onizuka H, Satomi K, Nagahama K, Sunami E, Abe N, Kawakami E, Shibahara J, Hayashi A: Relative MYC downregulation and RUNX2 upregulation orchestrate partial epithelial-mesenchymal transition in colorectal cancer tumor budding and poorly differentiated clusters. *J Pathol*. 2026 Mar;268(3):298-310.
32. Santosh V, Sarkar C, Rao S, Ng HK, Shibahara J, Al-Hussaini M, Buckland ME, Park SH, Tihan T, Wesseling P, Louis DN, Komori T: AOSNP-ADAPTR resource level-based recommendations on practical diagnostic strategies for WHO CNS5 adult-type diffuse gliomas. *Brain Pathol*. 2026 Mar;36(2):e70046. doi: 10.1111/bpa.70046. Epub 2025 Oct 26. PMID: 41139930; PMCID: PMC12861567.
33. Ozawa M, Kawai Y, Oshikawa J, Nagahama K, Iwamoto T, Tamura K: One-Year Follow-Up of Red Yeast Rice-Associated Renal Dysfunction A Report of Two Cases. *Cureus*. 2026;18(1):e101317. DOI:10.7759/cureus.101317.