

リソース研究_研究成果_2019年

1. Fujita K, Matsubara T, Miyamoto R, Sumikura H, Takeuchi T, Maruyama, Saladini K, Kawarai T, Nodera H, Udaka F, Kume K, Morino H, Kawakami H, Hasegawa M, Kaji R, Murayama S, Izumi Y: Co-morbidity of progressive supranuclear palsy and amyotrophic lateral sclerosis: a clinical-pathological case report. *BMC Neurol* 2019, 19:168.
2. Hatsuta H, Takao M, Nogami A, Uchino A, Sumikura H, Takata T, Morimoto S, Kanemaru K, Adachi A, Arai T, Hasegawa M, Murayama S: Tau and TDP-43 accumulation of the basal nucleus of Meynert in individuals with cerebral lobar infarcts or hemorrhage. *Acta Neuropathologica Communications*. 2019; 7(1): 49.
3. Hongo Y, Iizuka T, Kaneko A, Suga H, Uchino A, Murayama S, Namba K, Inoue Y, Nishiyama K: An autopsy case of MM2-thalamic subtype of sporadic Creutzfeldt-Jakob disease with Lewy bodies presenting as a sleep disorder mimicking anti-IgLON5 disease. *J Neurol Sci* 2019, 404:36-9.
4. Ikegawa M, Nirasawa T, Kakuda N, Miyasaka T, Kuzuhara Y, Murayama S, Ihara Y: Visualization of Amyloid beta Deposits in the Human Brain with Matrix-assisted Laser Desorption/Ionization Imaging Mass Spectrometry. *J Vis Exp* 2019.
5. Ishiura H, Shibata S, Yoshimura J, Suzuki Y, Qu W, Doi K, Almansour MA, Kikuchi JK, Taira M, Mitsui J, Takahashi Y, Ichikawa Y, Mano T, Iwata A, Harigaya Y, Matsukawa MK, Matsukawa T, Tanaka M, Shirota Y, Ohtomo R, Kowa H, Date H, Mitsue A, Hatsuta H, Morimoto S, Murayama S, Shiio Y, Saito Y, Mitsutake A, Kawai M, Sasaki T, Sugiyama Y, Hamada M, Ohtomo G, Terao Y, Nakazato Y, Takeda A, Sakiyama Y, Umeda-Kameyama Y, Shinmi J, Ogata K, Kohno Y, Lim SY, Tan AH, Shimizu J, Goto J, Nishino I, Toda T, Morishita S, Tsuji S: Noncoding CGG repeat expansions in neuronal intranuclear inclusion disease, oculopharyngodistal myopathy and an overlapping disease. *Nat Genet* 2019, 51:1222-32.
6. Kubo A, Misonou H, Matsuyama M, Nomori A, Wada-Kakuda S, Takashima A, Kawata M, Murayama S, Ihara Y, Miyasaka T: Distribution of endogenous normal tau in the mouse brain. *J Comp Neurol* 2019, 527:985-98.
7. Kubo A, Ueda S, Yamane A, Wada-Kakuda S, Narita M, Matsuyama M, Nomori A, Takashima A, Kato T, Onodera O, Goto M, Ito M, Tomiyama T, Mori H, Murayama S, Ihara Y, Misonou H, Miyasaka T: Ectopic Expression Induces Abnormal Somatodendritic Distribution of Tau in the Mouse Brain. *J Neurosci* 2019, 39:6781-97.
8. Kurihara M, Koda H, Aono H, Izumi S, Sakurai Y, Sano T, Saito Y, Murayama S, Mori M: Rapidly progressive miliary brain metastasis of lung cancer after EGFR tyrosine kinase inhibitor discontinuation: An autopsy report. *Neuropathology*. 2019; 39: 147-155
9. Matsubara T, Oda M, Takahashi T, Watanabe C, Tachiyama Y, Morino H, Kawakami H, Kaji R, Maruyama H, Murayama S, Izumi Y: Amyotrophic lateral sclerosis of long clinical course clinically presenting with progressive muscular atrophy. *Neuropathology*. 2019; 39: 47-53.
10. Matsuda Y, Itabashi M, Tachibana Y, Sugihara T, Sakashita Y, Matsubara T, Murayama S, Yumura W, Shimizu A, Takei T, Arai T: Citrullinated histone H3 expression in anti-neutrophil cytoplasmic antibody-associated vasculitis in older Japanese autopsy patients. *Geriatr Gerontol Int* 2019.

11. Matsuda Y, Nonaka K, Seki A, Kakizaki M, Takakuma S, Hamamatsu A, Wang T, Nakano Y, Takata T, Takahashi-Fujigasaki J, Murayama S, Sawabe M, Arai T: Disseminated varicella zoster virus infection and acute hepatitis: Autopsy-proven cases from a single institute. *Pathol Int* 2019, 69:378-80.
12. Nelson P, Dickson D, Trojanowski J, Jack Jr. C, Boyle P, Arfanakis K, Rademakers R, Alafuzoff I, Attems J, Brayne C, Chui H, Coyle-Gilchrist I, Fardo D, Flanagan M, Halliday G, Hokkanen S, Hunter S, Jicha G, Katsumata Y, Kawas C, Keene C, Kovacs G, Kukull W, Levey A, Makkinejad N, Montine T, Murayama S, Murray M, Nag S, Rissman R, Seeley W, Sperling R, White C, Yu L, Schneider J: Limbic-predominant Age-related TDP-43 Encephalopathy (LATE): Consensus Working Group Report. *Brain*. 2019; 142: 1503-1527
13. Nonaka K, Matsuda Y, Kakizaki M, Takakuma S, Hamamatsu A, Sakashita Y, Matsubara T, Murayama S, Ishiwata T, Yamanaka N, Itabashi M, Takei T, Nakajima N, Hasegawa H, Arai T: Acute liver failure associated with influenza A virus infection: an autopsy case report. *Jpn J Infect Dis* 2019.
14. Nonaka K, Matsuda Y, Kakizaki M, Takakuma S, Matsubara T, Murayama S, Ishiwata T, Kameyama M, Ogura K, Kobayashi S, Arai T: Occult mucin-producing urothelial-type adenocarcinoma of the prostate with elevated serum levels of carcinoembryonic antigen and carbohydrate antigen 19-9: Report of an autopsy-proven case. *Urol Case Rep* 2019, 23:6-9.
15. Saito T, Mihira N, Matsuba Y, Sasaguri H, Hashimoto S, Narasimhan S, Zhang B, Murayama S, Higuchi M, Lee VMY, Trojanowski JQ, Saido TC: Humanization of the entire murine Mapt gene provides a murine model of pathological human tau propagation. *J Biol Chem* 2019, 294:12754-65.
16. Sharma G, Huo A, Kimura T, Shiozawa S, Kobayashi R, Sahara N, Ishibashi M, Ishigaki S, Saito T, Ando K, Murayama S, Hasegawa M, Sobue G, Okano H, Hisanaga SI: Tau isoform expression and phosphorylation in marmoset brains. *J Biol Chem* 2019, 294:11433-44.
17. Tachibana M, Mohri I, Hirata I, Kuwada A, Kimura-Ohba S, Kagitani-Shimono K, Fushimi H, Inoue T, Shiomi M, Kakuta Y, Takeuchi M, Murayama S, Nakayama M, Ozono K, Taniike M: Clasmotodendrosis is associated with dendritic spines and does not represent autophagic astrocyte death in influenza-associated encephalopathy. *Brain & development* 2019, 41:85-95.
18. Tago T, Toyohara J, Harada R, Furumoto S, Okamura N, Kudo Y, Takahashi-Fujigasaki J, Murayama S, Ishii K: Characterization of the binding of tau imaging ligands to melanin-containing cells: putative off-target-binding site. *Annals of nuclear medicine* 2019, 33:375-82.
19. Tago T, Toyohara J, Sengoku R, Murayama S, Ishii K: MAO-B binding of ¹⁸F-THK5351 visualized glioblastoma and associated gliosis: an autopsy- confirmed case. *Clin Nucl Med*. 2019; 44: 507-509
20. Takahashi Y, Uchino A, Shioya A, Sano T, Matsumoto C, Numata-Uematsu Y, Nagano S, Araki T, Murayama S, Saito Y: Altered immunoreactivity of ErbB4, a causative gene product for ALS19, in the spinal cord of patients with sporadic ALS. *Neuropathology* 2019, 39:268-78.

21. Yu WY, Xu Z, Lee HY, Tokumaru A, Tan JMM, Ng A, Murayama S, Lim CCT: Identifying patients with neuronal intranuclear inclusion disease in Singapore using characteristic diffusion-weighted MR images. *Neuroradiology*. 2019;61,1281-1290.
22. Kawakami I, Arai T, Hasegawa M: The basis of clinicopathological heterogeneity in TDP-43 proteinopathy, *Acta Neuropathol*. 2019;138(5):751-770.
23. Kurihara M, Mano T, Saito Y, Murayama S, Toda T, Iwata A: Colocalization of BRCA1 with tau aggregates in human tauopathies. *Brain Sciences*, 10(1) 2019 Dec 20. Doi:10.3390/brainsci10010007.
24. Tanaka H, Homma H, Fujita K, Kondo K, Yamada S, Jin X, Waragai M, Ohtomo G, Iwata A, Tagawa K, Atsuta N, Katsuno M, Tomita N, Furukawa K, Saito Y, Saito T, Ichise A, Shibata S, Arai H, Saido T, Sudol M, Muramatsu SI, Okano H, Mufson EJ, Sobue G, Murayama S, Okazawa H: YAP-dependent necrosis occurring in early stages regulates Alzheimer's-like pathology in mice. *Nature Comm*. 2020 Jan 24;11(1):507. doi: 10.1038/s41467-020-14353-6.