

リソース研究_研究成果_2018年

1. Hata Y, Ma N, Yoneda M, Morimoto S, Okano H, Murayama S, Kawanishi S, Kuzuhara S, Kokubo Y: Nitritative Stress and Tau Accumulation in Amyotrophic Lateral Sclerosis/Parkinsonism-Dementia Complex (ALS/PDC) in the Kii Peninsula, Japan. *Front Neurosci.* 2018; 11:751. doi: 10.3389/fnins.2017.00751.
2. Matsuda Y, Seki A, Nonaka K, Kakizaki M, Wang T, Aida J, Ishikawa N, Nakano Y, Kaneda D, Takata T, Takahashi-Fujigasaki J, Murayama S, Takubo K, Ishiwata T, Sawabe M, Arai T: Clinicopathological characteristics of distant metastases of adenocarcinoma, squamous cell carcinoma and urothelial carcinoma: An autopsy study of older Japanese patients. *Geriatr Gerontol Int.* 2018;18(2):211-215.
3. Uchino A, Ogino M, Takahashi-Fujigasaki J, Oonuma S, Kanazawa N, Kajita S, Ichinoe M, Hasegawa M, Nishiyama K, Murayama S: Pathological and immunoblot analysis of phosphorylated TDP-43 in sporadic amyotrophic lateral sclerosis with pallido-nigro-luysian degeneration. *Neuropathology.* 2018 Apr;38(2):171-178. doi: 10.1111/neup.12430.
4. Morimoto S, Hatsuta H, Motoyama R, Kokubo Y, Ishiura H, Tsuji S, Kuzuhara S, Murayama S: Optineurin pathology in the spinal cord of amyotrophic lateral sclerosis/parkinsonism-dementia complex patients in Kii Peninsula, Japan. *Brain Pathol.* 2018; 28(3): 422-426.
5. Morimoto S, Takao M, Nishina Y, Sakurai K, Komiya T, Kanemaru K, Murayama S: Spinocerebellar ataxia type 2 presenting with rapidly progressing muscle weakness and muscular atrophy. *Geriatr Gerontol Int.* 2018;18(2):361-364.
6. Nagata K, Mano T, Murayama S, Saido TC, Iwata A: DNA methylation level of the neprilysin promoter in Alzheimer's disease brains. *Neurosci Lett.* 2018;670:8-13.
7. Zhao Y, Perera G, Takahashi-Fujigasaki J, Mash DC, Paul J, Vonsattel G, Uchino A, Hasegawa K, Nichols RJ, Holton JL, Murayama S, Dzamko N, Halliday GM : Reduced LRRK2 in association with retromer dysfunction in postmortem brain tissue from LRRK2 mutation carriers. *Brain.* 2018; 141(2): 486-495.
8. Endo R, Takashima N, Nekooki-Machida Y, Komi Y, Hui KK, Takao M, Akatsu H, Murayama S, Sawa A, Tanaka M: TAR DNA-Binding Protein 43 and Disrupted in Schizophrenia 1 Coaggregation Disrupts Dendritic Local Translation and Mental Function in Frontotemporal Lobar Degeneration. *Biol Psychiatry.* 2018;84(7):509-521
9. Hasegawa I, Takeda A, Hatsuta H, Kubo Y, Ohsawa M, Nakano Y, Ikeuchi T, Hasegawa M, Murayama S, Itoh Y: An autopsy case of globular glial tauopathy presenting with clinical features of motor neuron disease with dementia and iron deposition in the motor cortex. *Neuropathology.* 2018. 38:372-379
10. Lionnet A, Leclair-Visonneau L, Neunlist M, Murayama S, Takao M, Adler CH, Derkinderen P, Beach TG: Does Parkinson's disease start in the gut?. *Acta Neuropathol.* 2018;135(1):1-12.
11. Morimoto S, Hatsuta H, Kokubo Y, Nakano Y, Hasegawa M, Yoneda M, Hirokawa Y, Kuzuhara S, Shiraishi T, Murayama S: Unusual tau pathology of the cerebellum in patients with amyotrophic

lateral sclerosis/parkinsonism-dementia complex from the kii peninsula, Japan. Brain Pathol 2018 ;28(2):287-291.

12. Nishioka M, Bundo M, Ueda J, Katsuoka F, Sato Y, Kuroki Y, Ishii T, Ukai W, Murayama S, Hashimoto E, Nagasaki M, Yasuda J, Kasai K, Kato T, Iwamoto K: Identification of somatic mutations in postmortem human brains by whole genome sequencing and their implications for psychiatric disorders. Psychiatry Clin Neurosci 2018;72(4):280-294.
13. Omoto S, Hayashi T, Matsuno H, Higa H, Kameya S, Sengoku R, Takahashi-Fujigasaki J, Murayama S, Iguchi Y: Neuronal intranuclear hyaline inclusion disease presenting with childhood-onset night blindness associated with progressive retinal dystrophy. J Neurol Sci, 2018;388: 84-86.
14. Sano K, Atarashi R, Satoh K, Ishibashi D, Nakagaki T, Iwasaki Y, Yoshida M, Murayama S, Mishima K, Nishida N : Prion-Like Seeding of Misfolded alpha-Synuclein in the Brains of Dementia with Lewy Body Patients in RT-QUIC. Mol Neurobiol. 2018 ;55(5):3916-3930
15. Ren Q, Ma M, Yang J, Nonaka R, Yamaguchi A, Ishikawa KI, Kobayashi KS, Murayama S. Hwang H, Saiki S, Akamatsu W, Hattori N, Hammock BD, Hashimoto K: Soluble epoxide hydrolase plays a key role in the pathogenesis of Parkinson's disease. Proc Natl Acad Sci U S A. 2018;115(25):E5815-E5823
16. Tarutani A, Arai T, Murayama S, Hisanaga SI, Hasegawa M: Potent prion-like behaviors of pathogenic alpha-synuclein and evaluation of inactivation methods. Acta Neuropathol Commun, 2018;6(1): 29.
17. Higashihara M, SonooM, Ishiyama A, Nagashima Y, Matsumoto K, Uesugi H, Mori Yoshimura M, Murata M, Murayama S, Komaki H: Quantitative Analysis of Surface Electromyography for Pediatric Neuromuscular Disorders. Muscle Nerve, 2018;58:824–827
18. Izumi Y, Miyamoto R, Fujita K, Yamamoto Y, Yamada H, Matsubara T, Unai Y, Tsukamoto A, Takamatsu N, Nodera H, Hayashi S, Oda M, Mori A, Nishida Y, Watanabe S, Ogawa H, Uehara H, Murayama S, Sata M, Kaji R: Distinct Incidence of Takotsubo Syndrome Between Amyotrophic Lateral Sclerosis and Synucleinopathies: A Cohort Study.Front Neurol. 2018;9:1099