

リソース研究_研究成果_2014年

1. Hasegawa M, Watanabe S, Kondo H, Akiyama H, Mann DMA, Saito Y, Murayama S: 3R and 4R tau isoforms in paired helical filaments in Alzheimer's disease. *Acta Neuropathol* 2014, **127**(2): 303-305
2. Takeda A, Shimada H, Tamura A, Yasui M, Yamamoto K, Itoh K, Ataka S, Tanaka S, Ohsawa M, Hatsuta H, Hirano M, Sakamoto H, Ueno S, Nakamura Y, Tsutada T, Miki T. A case of anti-N-methyl-D-aspartate receptor encephalitis with multiple sclerosis-like demyelinated lesions. *Multiple Sclerosis and Related Disorders*. 2014, **3**(3) 391-397
3. Araki, K., Y. Nakano, A. Kobayashi, T. Matsudaira, A. Sugiura, M. Takao, T. Kitamoto, S. Murayama and T. Obi. Extensive cortical spongiform changes with cerebellar small amyloid plaques: The clinicopathological case of MV2K+C subtype in Creutzfeldt-Jakob disease. *Neuropathology* 2014, **34**(6):541-546.
4. Hasegawa, H., L. Liu, I. Tooyama, S. Murayama and M. Nishimura. The FAM3 superfamily member ILEI ameliorates Alzheimer's disease-like pathology by destabilizing the penultimate amyloid-beta precursor. *Nat Commun* 2014, **5**: 3917.
5. Hasegawa, M., S. Watanabe, H. Kondo, H. Akiyama, D. M. Mann, Y. Saito and S. Murayama. 3R and 4R tau isoforms in paired helical filaments in Alzheimer's disease. *Acta Neuropathol* 2014, **127**(2): 303-305.
6. Ishibashi, K., K. Ishiwata, J. Toyohara, S. Murayama and K. Ishii. Regional analysis of striatal and cortical amyloid deposition in patients with Alzheimer's disease. *Eur J Neurosci* 2014, **40**(4): 2701-2706.
7. Ito, S., M. Takao, H. Hatsuta, K. Kanemaru, T. Arai, Y. Saito, M. Fukayama and S. Murayama. Alpha-synuclein immunohistochemistry of gastrointestinal and biliary surgical specimens for diagnosis of Lewy body disease. *Int J Clin Exp Pathol* 2014, **7**(4):1714-1723.
8. Iwata, A., K. Nagata, H. Hatsuta, H. Takuma, M. Bundo, K. Iwamoto, A. Tamaoka, S. Murayama, T. Saido and S. Tsuji. Altered CpG methylation in sporadic Alzheimer's disease is associated with APP and MAPT dysregulation. *Hum Mol Genet* 2014, **23**(3): 648-656.
9. Matsumoto, H., R. Sengoku, Y. Saito, Y. Kakuta, S. Murayama and I. Imafuku. Sudden death in Parkinson's disease: a retrospective autopsy study. *J Neurol Sci* 2014, **343**(1-2): 149-152.
10. Miyashita, A., Y. Wen, N. Kitamura, E. Matsubara, T. Kawarabayashi, M. Shoji, N. Tomita, K. Furukawa, H. Arai, T. Asada, Y. Harigaya, M. Ikeda, M. Amari, H. Hanyu, S. Higuchi, M. Nishizawa, M. Suga, Y. Kawase, H. Akatsu, M. Imagawa, T. Hamaguchi, M. Yamada, T. Morihara, M. Takeda, T. Takao, K. Nakata, K. Sasaki, K. Watanabe, K. Nakashima, K. Urakami, T. Ooya, M. Takahashi, T. Yuzuriha, K. Serikawa, S. Yoshimoto, R. Nakagawa, Y. Saito, H. Hatsuta, S. Murayama, A. Kakita, H. Takahashi, H. Yamaguchi, K. Akazawa, I. Kanazawa, Y. Ihara, T. Ikeuchi and R. Kuwano. Lack of genetic association between TREM2 and late-onset Alzheimer's disease in a Japanese population. *J Alzheimers Dis* 2014, **41**(4): 1031-1038.

11. Nagao, S., O. Yokota, C. Ikeda, N. Takeda, H. Ishizu, S. Kuroda, K. Sudo, S. Terada, S. Murayama and Y. Uchitomi. Argyrophilic grain disease as a neurodegenerative substrate in late-onset schizophrenia and delusional disorders. *Eur Arch Psychiatry Clin Neurosci* 2014, **264**(4): 317-331.
12. Oikawa, N., H. Hatsuta, S. Murayama, A. Suzuki and K. Yanagisawa. Influence of APOE genotype and the presence of Alzheimer's pathology on synaptic membrane lipids of human brains. *J Neurosci Res* 2014, **92**(5): 641-650.
13. Qina, T., N. Sanjo, M. Hizume, M. Higuma, M. Tomita, R. Atarashi, K. Satoh, I. Nozaki, T. Hamaguchi, Y. Nakamura, A. Kobayashi, T. Kitamoto, S. Murayama, H. Murai, M. Yamada and H. Mizusawa. Clinical features of genetic Creutzfeldt-Jakob disease with V180I mutation in the prion protein gene. *BMJ Open* 2014, **4**(5): e004968.
14. Saito, Y., T. Miyasaka, H. Hatsuta, K. Takahashi-Niki, K. Hayashi, Y. Mita, O. Kusano-Arai, H. Iwanari, H. Ariga, T. Hamakubo, Y. Yoshida, E. Niki, S. Murayama, Y. Ihara and N. Noguchi. Immunostaining of oxidized DJ-1 in human and mouse brains. *J Neuropathol Exp Neurol* 2014, **73**(7): 714-728.
15. Sakurai, K., A. M. Tokumaru, T. Nakatsuka, S. Murayama, S. Hasebe, E. Imabayashi, K. Kanemaru, M. Takao, H. Hatsuta, K. Ishii, Y. Saito, Y. Shibamoto, N. Matsukawa, E. Chikui and H. Terada. Imaging spectrum of sporadic cerebral amyloid angiopathy: multifaceted features of a single pathological condition. *Insights Imaging* 2014, **5**(3): 375-385.
16. Xie, C., T. Miyasaka, S. Yoshimura, H. Hatsuta, S. Yoshina, E. Kage-Nakadai, S. Mitani, S. Murayama and Y. Ihara. The homologous carboxyl-terminal domains of microtubule-associated protein 2 and TAU induce neuronal dysfunction and have differential fates in the evolution of neurofibrillary tangles. *PLoS One* 2014, **9**(2):e89796.
17. Yamada, M., M. Tanaka, M. Takagi, S. Kobayashi, Y. Taguchi, S. Takashima, K. Tanaka, T. Touge, H. Hatsuta, S. Murayama, Y. Hayashi, M. Kaneko, H. Ishiura, J. Mitsui, N. Atsuta, G. Sobue, N. Shimozawa, T. Inuzuka, S. Tsuji and I. Hozumi. Evaluation of SLC20A2 mutations that cause idiopathic basal ganglia calcification in Japan." *Neurology* 2014, **82**(8):705-712.
18. Miyashita A, Hatsuta H, Kikuchi M, Nakaya A, Saito Y, Tsukie T, Hara N, Ogishima S, Kitamura N, Akazawa K, Kakita A, Takahashi H, Murayama S, Ihara Y, Ikeuchi T, Kuwano R, Japanese Alzheimer's Disease Neuroimaging Initiative.: Genes associated with the progression of neurofibrillary tangles in Alzheimer's disease. *Transl Psychiatry* 2014,**4**:e396.
doi:10.1038/tp.2014.35
19. Nishida K, Garringer HJ, Futamura N, Funakawa I, Jinnai K, Vidal R, Takao M: A novel ferritin light chain mutation in neuroferritinopathy with an atypical presentation. *J Neurol Sci* 2014, **342**(1-2):173-7