

1. Harada H, Tamaoka A, Ishii K, Shoji S, Kametaka S, Kametani F, Saito Y, Murayama S: Beta-site APP cleaving enzyme 1 (BACE1) is increased in remaining neurons in Alzheimer's disease brains. *Neurosci Res* 2006; 54: 24-29
2. Mitsui J, Saito Y, Momose T, Shimizu J, Arai N, Shibahara J, Ugawa Y, Kanazawa I, Tsuji S, Murayama S: Pathology of the sympathetic nervous system corresponding to the decreased cardiac uptake in 123I-metaiodobenzylguanidine (MIBG) scintigraphy in a patient with Parkinson disease. *J Neurol Sci* 2006; 243: 101-104
3. Maeda S, Sahara N, Saito Y, Murayama S, Ikai A, Takashima A: Increased levels of granular tau oligomers: an early sign of brain aging and Alzheimer's disease. *Neurosci Res* 2006; 54: 179-201
4. Mizuta I, Satake W, Nakabayashi Y, Ito C, Suzuki S, Momose Y, Nagai Y, Oka A, Inoko H, Fukae J, Saito Y, Sawabe M, Murayama S, Yamamoto M, Hattori N, Murata M, Toda T: Multiple candidate gene analysis identifies a-synuclein as a susceptibility gene for sporadic Parkinson's disease. *Hum Mol Gen* 2006; 15: 1151-8
5. Umemura K, Yamashita N, Yu X, Arima K, Asada T, Makifuchi T, Murayama S, Saito Y, Kanamaru K, Goto Y, Kohsaka S, Kanazawa I, Kimura H: Autotaxin expression is enhanced in frontal cortex of Alzheimer-type dementia patients. *Neurosci Lett.* 2006; 400: 97-100
6. Silva R, Lashely T, Strand C, Shiarli AM, Shi J, Tian J, Bailery, KL, Davies P, Higio EH, Arima K, Iseki E, Murayama S, Kretschmar H, Neumann M, Lippa C, Halliday G, Mackenzie J, Ravid R, Dickson D, Wszolek Z, Iwatsubo T, Pickering-Brosn SM, Hoton J, Lees A, Tavesz T, Mann DMA: An immunohistochemical study of cases of sporadic and inherited frontotemporal lobar degeneration using 3R- and 4R-specific tau monoclonal antibodies. *Acat Neuropathologica* 2006; 111: 329-40
7. Sawabe, M., Arai, T., Kasahara, I., Hamamatsu, A., Esaki, Y., Nakahara, K. I., Harada, K., Chida, K., Yamanouchi, H., Ozawa, T., Takubo, K., Murayama, S., and Tanaka, N. Sustained progression and loss of the gender-related difference in atherosclerosis in the very old: A pathological study of 1074 consecutive autopsy cases. *Atherosclerosis.* 2006; 186: 374-379
8. Shiarli AM, Jennings R, Shi J, Bailey K, Davidson Y, Tian J, Bigio EH, Ghetti B, Murrell JR, Delisle MB, Mirra S, Crain B, Zolo P, Arima K, Iseki E, Murayama S, Kretschmar H, Neumann M, Lippa C, Halliday G, Mackenzie J, Khan N, Ravid R, Dickson D, Wszolek Z, Iwatsubo T, Pickering-Brown SM, Mann DM: Comparison of extent of tau pathology in patients with frontotemporal dementia with Parkinsonism

linked to chromosome 17 (FTDP-17), frontotemporal lobar degeneration with Pick bodies and early onset Alzheimer's disease. *Neuropathol Appl Neurobiol* 2006; 32: 374-387

9. Ishida K., Mitoma H., Wada Y., Oka T., Shibahara J., Saito Y. , Murayama S., Mizusawa H. Selective loss of Purkinje cells in a patient with anti-glutamic acid decarboxylase antibody-associated cerebellar ataxia. *J Neurol Neurosurg Psychiatry* 2007; 78: 190-192.

10. Kobayashi S, Murayama S: A Japanese family with early-onset ataxia with motor and sensory neuropathy. *J Neurol Sci* in press

11. Fumimura Y, Ikemura M, Saito Y, Sengoku R, Kanemaru K, Sawabe M, Arai T, Ito G, Iwatsubo T, Fukayama M, Mizusawa H, Murayama S: Analysis of the adrenal gland is useful for evaluating pathology of the peripheral autonomic nervous system in Lesy body disease. *J Neuropath Exp Neurol* in press

12. Maeda S, Sahara N, Saito Y, Murayama M, Yuji Y, Kim H, Miyasaka T, Murayama S, Ikai A, Takashima A: Granular Tau Oligomers as Intermediates of Tau Filaments. *Biochemistry* in press

13. Mohri I, Kadoyama K, Kanekiyo T, Sato Y, Kagitani-Shimono K, Saito Y, Suzuki K, Kudo T, Takeda M, Urade Y, Murayama S, Taniike M: Prostaglandin D₂ receptor, DP₁ is selectively up-regulated in microglia and astrocytes within senile plaques from human patients and a mouse model of Alzheimer's disease. *J Neuropath Exp Neurol* in press