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1. Fuju T, Yamagami T, Yamaguchi H, Yamazaki T: A randomized controlled trial of the "positive diary" intervention for family caregivers of people with dementia. *Perspect Psychiatr Care* 58(4): 1949-1958, 2022. doi: 10.1111/ppc.13013 ©
2. Tsuchiya K, Saito M, Okonogi N, Takai S, Jingu Y, Tanaka K, Hirao K, Fujita T, Tanaka Y: Performing One-Session Cognitive Stimulation to Interact with Patients with Dementia in a Hospital for Mood Improvement: A Retrospective Single-Arm Cohort Study. *Int J Environ Res Public Health* 19(3), 2022.
3. Tsukii N : Holistic and individualized interventions for behavioral and psychological symptoms of dementia. *Ann Alzheimers Dement Care* 6 (1) : 14-18, 2022.
4. Fuju T, Yamagami T, Yamaguchi H, Yamazaki T: A randomized controlled trial of the "positive diary" intervention for family caregivers of people with dementia. *Perspect Psychiatr Care* 2021; doi: 10.1111/ppc.13013.
5. Fuju T, Yamagami T, Ito M, Naito N, Yamaguchi H: Development and evaluation of the Behavioral and Psychological Symptoms of Dementia Questionnaire 13-Item Version (BPSD13Q). *Dement Geriatr Cogn Dis Extra* 11(3):222-226, 2021. doi: 10.1159/000518973. PMID: 34721499 ©
6. Fuju T, Yamagami T, Yamaguchi H, Yamazaki T: Development of the Dementia Caregiver Positive Feeling Scale 21-item version (DCPFS-21) in Japan to recognise positive feelings about caregiving for people with dementia. *Psychogeriatrics* 21(4): 650-658, 2021;. doi: 10.1111/psyg.12727.
7. Tanaka S, Yamagami T, Yamaguchi H: Effects of a group-based physical and cognitive intervention on social activity and quality of life for elderly people with dementia in a geriatric health service facility: a quasi-randomized controlled trial. *Psychogeriatrics* 21(1):71-79, 2021. doi: 10.1111/psyg.12627.
8. Ikeda M, (24 名省略) Yamaguchi H, (6 名省略) : Cerebral microbleeds, cerebrospinal fluid, and neuroimaging markers in clinical subtypes of Alzheimer's disease. *Front Neurol* 12:543866, 2021. doi: 10.3389/fneur.2021. 543866.
9. Kakuda N, Yamaguchi H, Akazawa K, Hata S, Suzuki T, Hatsuta H, Murayama S, Funamoto S, Ihara Y: γ -Secretase Activity Is Associated with Braak Senile Plaque Stages. *Am J Pathol* 190(6):1323-1331, 2020
10. Yamaguchi T, Maki Y, Takatama M, Yamaguchi H: Gullibility may be a warning sign of Alzheimer's disease dementia. *Int Psychogeriatr* 31(3): 363-370, 2019
11. Tanaka S, Honda S, Nakano H, Sato Y, Araya K, Yamaguchi H: Comparison between group and personal intervention based on brain-activation rehabilitation in a geriatric health service facility: single-blinded randomized controlled study. *Psychogeriatrics* 17(3):177-185, 2017.
12. Murai T, Yamaguchi H: Effects of a cooking program based on brain-activating rehabilitation for elderly residents with dementia in a geriatric health services facility: A randomized controlled trial. *Progress in Rehabilitation Medicine* 2:20170004, 2017. ©
13. Kamegaya T, Yamaguchi H, Hayashi K: Evaluation by the Basic Checklist and the risk of 3 years incident long-term care insurance certification. *J Gen Fam Med* 18(5):230-236, 2017
14. Tanaka S, Honda S, Nakano H, Sato Y, Araya K, Yamaguchi H: Comparison between group and personal rehabilitation for dementia in a geriatric health service facility: single-blinded randomized controlled study. *Psychogeriatrics*. 17(3):177-185., 2017 doi: 10.1111/psyg.12212

15. Maruya K, Asakawa Y, Ishibashi H, Fujita H, Arai T, Yamaguchi H: Effect of a simple and adherent home exercise program on the physical function of community dwelling adults sixty years of age and older with pre-sarcopenia or sarcopenia. *J Phys Ther Sci*. 2016; 28(11):3183-3188.
16. Fukasawa M, Yamaguchi H: Effect of group activities on health promotion for the community-dwelling elderly. *J Rural Med*. 2016; 11(1):17-24.
17. Yajima M, Asakawa Y, Yamaguchi H: Relations of morale and physical function to advanced activities of daily living in health promotion class participants. *J Phys Ther Sci*. 2016; 28(2):535-40.
18. Matsubayashi Y, Asakawa Y, Yamaguchi H: Low-frequency group exercise improved the motor functions of community-dwelling elderly people in a rural area when combined with home exercise with self-monitoring. *J Phys Ther Sci*. 2016; 28(2):366-371.
19. Murai T, Yamaguchi T, Maki Y, Isahai M, Kaiho Sato A, Yamagami T, Ura C, Miyamae F, Takahashi R, Yamaguchi H: Prevention of cognitive and physical decline by enjoyable walking-habituation program based on brain-activating rehabilitation. *Geriatr Gerontol Int*. 2016; 16(6):701-8.
20. Murai T, Yamaguchi T, Maki Y, Isahai M, Kaiho Sato A, Yamagami T, Ura C, Miyamae F, Takahashi R, Yamaguchi H: Prevention of cognitive and physical decline by enjoyable walking-habituation program based on brain-activating rehabilitation. *Geriatr Gerontol Int* 16(6):701-8, 2016. doi: 10.1111/ggi.12541.
21. Balakrishnan K, Rijal Upadhaya A, Steinmetz J, Reichwald J, Abramowski D, Fändrich M, Kumar S, Yamaguchi H, Walter J, Staufenbiel M, Thal DR. Impact of amyloid β aggregate maturation on antibody treatment in APP23 mice. *Acta Neuropathol Commun*. 2015 Jul 4;3:41. doi: 10.1186/s40478-015-0217-z.
22. Maki Y, Yamaguchi T, Yamagami T, Murai T, Hachisuka K, Miyamae F, Ito K, Awata S, Ura C, Takahashi R, Yamaguchi H: The impact of subjective memory complaints on quality of life in community-dwelling older adults. *Psychogeriatrics*. 2014;14(3):175-81.
23. Ikeda M, Tashiro Y, Takai E, Kurose S, Fugami N, Tsuda K, Arisaka Y, Kodaira S, Fujita Y, Makioka K, Mizuno Y, Shimada H, Harigaya Y, Takatama M, Amari M, Yamazaki T, Yamaguchi H, Higuchi T, Okamoto K, Tsushima Y, Ikeda Y.: CSF levels of A β 1-38/A β 1-40/A β 1-42 and (11)C PiB-PET studies in three clinical variants of primary progressive aphasia and Alzheimer's disease. *Amyloid*. 2014;21(4):238-45.
24. Miyashita A, Wen Y, Kitamura N, Matsubara E, Kawarabayashi T, Shoji M, Tomita N, Furukawa K, Arai H, Asada T, Harigaya Y, Ikeda M, Amari M, Hanyu H, Higuchi S, Nishizawa M, Suga M, Kawase Y, Akatsu H, Imagawa M, Hamaguchi T, Yamada M, Morihara T, Takeda M, Takao T, Nakata K, Sasaki K, Watanabe K, Nakashima K, Urakami K, Ooya T, Takahashi M, Yuzuriha T, Serikawa K, Yoshimoto S, Nakagawa R, Saito Y, Hatsuta H, Murayama S, Kakita A, Takahashi H, Yamaguchi H, Akazawa K, Kanazawa I, Ihara Y, Ikeuchi T, Kuwano R.: Lack of genetic association between TREM2 and late-onset Alzheimer's disease in a Japanese population. *J Alzheimers Dis*. 2014;41(4):1031-8.
25. Maki Y, Yamaguchi H: Early detection of dementia in the community under a community-based integrated care system. *Geriatr Gerontol Int*. 2014;14 Suppl 2:2-10.
26. Toba K, Nakamura Y, Endo H, Okochi J, Tanaka Y, Inaniwa C, Takahashi A, Tsunoda N, Higashi K, Hirai M, Hirakawa H, Yamada S, Maki Y, Yamaguchi T, Yamaguchi H: Intensive rehabilitation for dementia improved cognitive function and reduced behavioral disturbance in geriatric health service facilities in Japan. *Geriatr Gerontol Int*. 2014;14(1):206-11.
27. Kamegaya T, Araki Y, Kigure H; Long-Term-Care Prevention Team of Maebashi City, Yamaguchi H: Twelve-week physical and leisure activity programme improved cognitive function in community-dwelling elderly subjects: a randomized controlled trial. *Psychogeriatrics*. 2014;14(1):47-54.

28. Rijal Upadhaya A, Kosterin I, Kumar S, von Arnim CA, Yamaguchi H, Fändrich M, Walter J, Thal DR.: Biochemical stages of amyloid- β peptide aggregation and accumulation in the human brain and their association with symptomatic and pathologically preclinical Alzheimer's disease. *Brain*. 2014; 137:887-903.
29. Rijal Upadhaya A, Scheibe F, Kosterin I, Abramowski D, Gerth J, Kumar S, Liebau S, Yamaguchi H, Walter J, Staufenbiel M, Thal DR. The type of Abeta-related neuronal degeneration differs between amyloid precursor protein (APP23) and amyloid beta-peptide (APP48) transgenic mice. *Acta Neuropathol Commun*. 2013;1(1):77
30. Thal DR, von Arnim C, Griffin WS, Yamaguchi H, Mrak RE, Attems J, Rijal Upadhaya A. Pathology of clinical and preclinical Alzheimer's disease. *Eur Arch Psychiatry Clin Neurosci*. 2013 Suppl 2:S137-145
31. Maki Y, Yamaguchi T, Yamaguchi H H. Symptoms of Early Dementia-11 Questionnaire (SED-11Q): A Brief Informant-Operated Screening for Dementia. *Dement Geriatr Cogn Dis Extra*. 2013;3(1):131-42.
32. Ikeda M, Yonemura K, Kakuda S, Tashiro Y, Fujita Y, Takai E, Hashimoto Y, Makioka K, Furuta N, Ishiguro K, Maruki R, Yoshida J, Miyaguchi O, Tsukie T, Kuwano R, Yamazaki T, Yamaguchi H, Amari M, Takatama M, Harigaya Y, Okamoto K. Cerebrospinal fluid levels of phosphorylated tau and A β 1-38/A β 1-40/A β 1-42 in Alzheimer's disease with PS1 mutations. *Amyloid*. 2013;20(2):107-12.
33. Wen Y, Miyashita A, Kitamura N, Tsukie T, Saito Y, Hatsuta H, Murayama S, Kakita A, Takahashi H, Akatsu H, Yamamoto T, Kosaka K, Yamaguchi H H, Akazawa K, Ihara Y, Kuwano R. SORL1 is genetically associated with neuropathologically characterized late-onset Alzheimer's disease. *J Alzheimers Dis*. 2013;35(2):387-94.
34. Maki Y, Yamaguchi T, Koeda T, Yamaguchi H. Communicative competence in Alzheimer's disease: metaphor and sarcasm comprehension. *Am J Alzheimers Dis Other Demen*. 2013;28(1):69-74.
35. Maki Y, Yoshida H, Yamaguchi T, Yamaguchi H. Relative preservation of the recognition of positive facial expression "happiness" in Alzheimer disease. *Int Psychogeriatr*. 2013;25(1):105-10.
36. Yamaguchi T, Maki Y, Yamaguchi H: Pitfall Intention Explanation Task with Clue Questions (Pitfall task): assessment of comprehending other people's behavioral intentions in Alzheimer's disease. *Int Psychogeriatr*. 2012;24(12):1919-26
37. Maki Y, Ura C, Yamaguchi T, Takahashi R, Yamaguchi H: Intervention using a community-based walking program is effective for elderly adults with depressive tendencies. *J Am Geriatr Soc*. 2012;60(8):1590-1
38. Maki Y, Amari M, Yamaguchi T, Nakaaki S, Yamaguchi H: Anosognosia: patients' distress and self-awareness of deficits in Alzheimer's disease. *Am J Alzheimers Dis Other Demen*. 2012 ;27(5):339-45
39. Yamaguchi T, Maki Y, Yamaguchi H: Yamaguchi Facial Expression-Making Task in Alzheimer's Disease: A Novel and Enjoyable Make-a-Face Game. *Dement Geriatr Cogn Dis Extra*. 2012;2(1):248-57 ©
40. Kamegaya T, Long-Term-Care Prevention Team of Maebashi City, Maki Y, Yamagami T, Yamaguchi T, Murai T, Yamaguchi H: Pleasant physical exercise program for prevention of cognitive decline in community-dwelling elderly with subjective memory complaints. *Geriatr Gerontol Int*. 2012;12(4):673-9
41. Maki Y, Ura C, Yamaguchi T, Murai T, Isahai M, Kaiho A, Yamagami T, Tanaka S, Miyamae F, Sugiyama M, Awata S, Takahashi R, Yamaguchi H: Effects of intervention using a community-based walking program for prevention of mental decline: a randomized controlled trial. *J Am Geriatr Soc*. 2012;60(3):505-10 ©
42. Yamagami T, Takayama Y, Maki Y, Yamaguchi H H : A Randomized Controlled Trial of Brain-Activating Rehabilitation for Elderly Participants with Dementia in Residential Care Homes. *Dement Geriatr Cogn Disord Extra*. 2012 2:372-380
43. Rijal Upadhaya A, Capetillo-Zarate E, Kosterin I, Abramowski D, Kumar S,

- Yamaguchi H, Walter J, Fandrich M, Staufenbiel M, Thal DR : Dispersible amyloid β -protein oligomers, protofibrils, and fibrils represent diffusible but not soluble aggregates: their role in neurodegeneration in amyloid precursor protein (APP) transgenic mice. *Neurobiol Aging*. 2012 ;33(11):2641-60
44. Abramowski D, Rabe S, Upadhaya AR, Reichwald J, Danner S, Staab D, Capetillo-Zarate E, Yamaguchi H, Saido TC, Wiederhold KH, Thal DR, Staufenbie M : Transgenic expression of intraneuronal A β 42 but not A β 40 leads to cellular A β lesions, degeneration, and functional impairment without typical Alzheimer's disease pathology. *J Neurosci*. 2012 25;32(4):1273-83
 45. Upadhaya AR, Lungrin I, Yamaguchi H, Fandrich M, Thal DR : High-molecular weight A β oligomers and protofibrils are the predominant A β species in the native soluble protein fraction of the AD brain. *J Cell Mol Med*. 2012;16(2):287-95
 46. Mori T, Rezaei-Zaden K, Koyama N, Arendash GW, Yamaguchi H, Kakuda N, Horikoshi-Sakuraba Y, Tan J, Town T : Tannic acid is a natural β -secretase inhibitor that prevents cognitive impairment and mitigates Alzheimer-like pathology in transgenic mice. *J Biol Chem*. 2012; 287:6912-6927
 47. Kakuda N, Shoji M, Arai H, Furukawa K, Ikeuchi T, Akazawa K, Takami M, Hatsuta H, Murayama S, Hashimoto Y, Miyajima M, Arai H, Nagashima Y, Yamaguchi H, Kuwano R, Nagaike K, Ihara Y: Altered γ -secretase activity in mild cognitive impairment and Alzheimer's disease. *EMBO Mol Med*.2012;4:344-352
 48. Yamaguchi H, Maki Y, Takahashi K: Rehabilitation for dementia using enjoyable video-sports games. *Int Psychogeriatr* 23(4):674-676, 2011
 49. Yamaguchi H, Takahashi S, Kosaka K, Okamoto K, Yamazaki T, Ikeda M, Osawa M, Amari M, Harigaya Y, Awata S, Maki Y: Yamaguchi fox-pigeon imitation test (YFPIT) for dementia in clinical practice. *Psychogeriatrics*. 2011; 11(4):221-6.
 50. Yamaguchi H, Maki Y, Yamaguchi T : A figurative proverb test for dementia: rapid detection of disinhibition, excuse and confabulation, causing discommunication. *Psychogeriatrics*. 2011;11(4):205-11.
 51. Yamaguchi H, Maki Y, Maki Y: Tube feeding can be discontinued by taking dopamine agonists and angiotensin-converting enzyme inhibitors in the advanced stages of dementia. *J Am Geriatr Soc*. 58(10):2035-2036, 2010.
 52. Oikawa N, Ogino K, Masumoto T, Yamaguchi H, Yanagisawa K. Gender effect on the accumulation of hyperphosphorylated tau in the brain of locus-ceruleus-injured APP-transgenic mouse. *Neurosci Lett* 468(3):243-247, 2010.
 53. Maki Y, Yoshida H, Yamaguchi H: Computerized visuo-spatial memory test as a supplementary screening test for dementia. *Psychogeriatrics* 10:77-82, 2010
 54. Yamaguchi H, Maki Y, Yamagami T: Yamaguchi fox-pigeon imitation test: A rapid test for dementia. *Dementia Geriatr Cog Dis* 29:245-258, 2010
 55. Nunomura A, Tamaoki T, Tanaka K, Motohashi N, Nakamura M, Hayashi T, Yamaguchi H, Shimohama S, Lee HG, Zhu X, Smith MA, Perry G. Intraneuronal amyloid beta accumulation and oxidative damage to nucleic acids in Alzheimer disease. *Neurobiol Dis*. 37(3):731-737, 2010
 56. Attems J, Yamaguchi H, Saido TC, Thal DR. Capillary CAA and perivascular A β -deposition: two distinct features of Alzheimer's disease pathology. *J Neurol Sci*. 299(1-2):155-162, 2010.
 57. Oikawa N, Yamaguchi H, Ogino K, Taki T, Yuyama K, Yamamoto N, Shin RW, Furukawa K, Yanagisawa K. Gangliosides determine the amyloid pathology of Alzheimer's disease. *Neuroreport*. 2009 Aug 5;20(12):1043-6. PubMed PMID: 19590389.
 58. Kokubo H, Kaye R, Glabe CG, Staufenbiel M, Saido TC, Iwata N, Yamaguchi H: Amyloid beta annular protofibrils in cell processes and synapses accumulate with aging and Alzheimer-associated genetic modification. *Int J Alzheimers Dis* 2009;689285. doi: 10.4061/2009/689285.
 59. Oue M, Mitsumura K, Torashima T, Koyama C, Yamaguchi H, Furuya N, Hirai H.

Characterization of mutant mice that express polyglutamine in cerebellar Purkinje cells. *Brain Res* 1255:9-17, 2009

60. Torashima T, Koyama C, Iizuka A, Mitsumura K, Takayama K, Yanagi S, Oue M, Yamaguchi H, Hirai H. Lentivector-mediated rescue from cerebellar ataxia in a mouse model of spinocerebellar ataxia. *EMBO Rep.* 9(4):393-9, 2008.
61. Lemere CA, Oh J, Stanish HA, Peng Y, Pepivani I, Fagan AM, Yamaguchi H, Westmoreland SV, Mansfield KG. Cerebral amyloid-beta protein accumulation with aging in cotton-top tamarins: a model of early Alzheimer's disease? *Rejuvenation Res* 11(2):321-32, 2008
62. Yamagami T, Oosawa M, Ito S, Yamaguchi H: Effect of activity reminiscence therapy as brain-activating rehabilitation for elderly people with and without dementia. *Psychogeriatrics* 7 (2): 69-75, 2007
63. Zou K, Yamaguchi H, Akatsu H, Sakamoto T, Ko MH, Mizoguchi K, Gong JS, Yu WX, Yamamoto T, Kosaka K, Yanagisawa K, Michikawa M: Angiotensin-converting enzyme converts amyloid beta-protein 1-42 (A beta(1-42)) to A beta(1-40), and its inhibition enhances brain a beta deposition. *J Neurosci*, 27 (32): 8628-8635, 2007
64. Thal DR, Larionov S, Abramowski D, Wiederhold KH, Van Dooren T, Yamaguchi H, Haass C, Van Leuven F, Staufenbiel M, Capetillo-Zarate E: Occurrence and co-localization of amyloid beta-protein and apolipoprotein E in perivascular drainage channels of wild-type and APP-transgenic mice. *Neurobiol Aging* 28 (8): 1221-1230 , 2007
65. Capetillo-Zarate E, Staufenbiel M, Abramowski D, Haass C Escher A, Stadelmann C , Yamaguchi H, Wiestler OD, Thal DR: Selective vulnerability of different types of commissural neurons for amyloid beta-protein-induced neurodegeneration in APP23 mice correlates with dendritic tree morphology. *Brain* 129: 2992-3005, 2006
66. Nakabeppu Y, Kajitani K, Sakamoto, K, Yamaguchi H, Tsuchimoto D: MTH1, an oxidized purine nucleoside triphosphatase, prevents the cytotoxicity and neurotoxicity of oxidized purine nucleotides. *DNA REPAIR* 5 (7): 761-772, 2006
67. Huang SM, Mouri A, **Kokubo** H, Nakajima R, Suemoto T, Higuchi M, Staufenbiel M, Noda Y, Yamaguchi H, Nabeshima T, Saido TC, Iwata N: Neprilysin-sensitive synapse-associated amyloid-beta peptide oligomers impair neuronal plasticity and cognitive function. *J Biol Chem* 281 (26): 17941-17951, 2006
68. van Leeuwen FW, van Tijn P, Sonnemans MAF, Hobo B, Mann DMA, Van Broeckhoven C, Kumar-Singh S, Cras P, Leuba G, Savioz A, Maat-Schieman MLC, Yamaguchi H, Kros JM, Kamphorst W, Hol EM, de Vos RAI, Fischer DF: Frameshift proteins in autosomal dominant forms of Alzheimer disease and other tauopathies. *Neurology* 66: S86-S92 Suppl.1, 2006
69. Kokubo H, Saido TC, Iwata N, Helms JB, Shinohara R, Yamaguchi H: Part of membrane-bound Abeta exist in rafts within senile plaques in Tg2576 mouse brain. *Neurobiol Aging* 26:409-418, 2005
70. Kokubo H, Kaye R, Glabe CG, Yamaguchi H: Soluble Abeta oligomers ultrastructurally localize to cell processes and might be related to synaptic dysfunction in Alzheimer's disease brain. *Brain Res* 1031:222-228, 2005
71. Yamamoto N, Yamaguchi H, (他5名、4番目) : Assembly of hereditary amyloid beta-protein variants in the presence of favorable gangliosides. *FEBS Letters* 579:2185-2190, 2005
72. Yamamoto N, Yamaguchi H, (他3名、4番目) : Suppression of Aβ deposition in brain by peripheral administration of Fab fragments of anti-seed antibody. *Biochem Biophys Res Commun* 335:45-47, 2005
73. Kokubo H, Yamaguchi H, (他5名、7番目) : Oligomeric proteins ultrastructurally localize to cell processes, especially to axon terminals with higher density, but not to lipid rafts in Tg2576 mouse brain. *Brain Res* 1045: 224-228, 2005

74. Miyasaka T, Ding Z, Gengyo-Ando K, Oue M, Yamaguchi H, Mitani S, Ihara Y: Progressive neurodegeneration in *C. elegans* model of tauopathy. *Neurobiol Dis* 20:372-383, 2005
75. Thal DR, Capetillo Zarate E, Schultz C, Rüb U, Saido TC, Yamaguchi H, Haass C, Griffin WST, Del Tredici K, Braak H, Ghebremedhin E: Apolipoprotein E co-localizes with newly formed amyloid β -protein (A β) deposits lacking immunoreactivity against N-terminal epitopes of A β in a genotype-dependent manner. *Acta Neuropathol* 110:459-471, 2005
76. Hayashi H, Kimura N, Yamaguchi H, Hasegawa K, Yokoseki T, Shibata M, Yamamoto N, Michikawa M, Yoshikawa Y, Terao K, Matsuzaki K, Lemere CA, Selkoe DJ, Naiki H, Yanagisawa K: A seed for Alzheimer amyloid in the brain. *J Neurosci* 24:4894-4902, 2004
77. Horikoshi Y, Sakaguchi G, Becker AG, Gray AJ, Duff K, Aisen PS, Yamaguchi H, Maeda M, Kinoshita N, Matsuoka Y: Development of Abeta terminal end-specific antibodies and sensitive ELISA for Abeta variant. *Biochem Biophys Res Commun* 319:733-737, 2004
78. Taguchi N, Hatabu T, Yamaguchi H, Suzuki M, Sato K, Kano S: Plasmodium falciparum: selenium-induced cytotoxicity to *P. falciparum*. *Exp Parasitol* 106:50-55, 2004
79. Horikoshi Y, Mori T, Maeda M, Kinoshita N, Sato K, Yamaguchi H: Abeta N-terminal-end specific antibody reduced beta-amyloid in Alzheimer-model mice. *Biochem Biophys Res Commun* 325:384-387, 2004
80. Maat-Schieman ML, Yamaguchi H, Hegeman-Kleinn IM, Welling-Graafland C, Natte R, Roos RA, van Duinen SG: Glial reactions and the clearance of amyloid beta protein in the brains of patients with hereditary cerebral hemorrhage with amyloidosis-Dutch type. *Acta Neuropathol (Berl)* 107:389-398, 2004
81. Sugiyama M, Ikeda E, Kawai S, Higuchi T, Zhang H, Khan N, Tomiyoshi K, Inoue T, Yamaguchi H, Katakura K, Endo K, Suzuki M: Cerebral metabolic reduction in severe malaria: fluorodeoxyglucose-positron emission tomography imaging in a primate model of severe human malaria with cerebral involvement. *Am J Trop Med Hyg* 71:542-545, 2004
82. Sasaki A, Yamaguchi H, Horikoshi Y, Tanaka G, Nakazato Y: Expression of glucose transporter 5 by microglia in human gliomas. *Neuropathol Appl Neurobiol* 30:447-455, 2004
83. Kokubo H, Helms JB, Ohno-Iwashita Y, Shimada Y, Horikoshi Y, Yamaguchi H: Ultrastructural localization of flotillin-1 to cholesterol-rich membrane microdomains, rafts, in rat brain tissue. *Brain Res* 965:83-90, 2003
84. Sasaki A, Horikoshi Y, Yokoo H, Nakazato Y, Yamaguchi H: Antiserum against human glucose transporter 5 is highly specific for microglia among cells of the mononuclear phagocyte system. *Neurosci Lett* 338:17-20, 2003
85. Horikoshi Y, Sasaki A, Taguchi N, Maeda M, Tsukagoshi H, Sato K, Yamaguchi H: Human GLUT5 immunolabeling is useful for evaluating microglial status in neuropathological study using paraffin sections. *Acta Neuropathol (Berl)* 105:157-162, 2003
86. Hashimoto N, Takeuchi T, Ishihara R, Ukai K, Kobayashi H, Iwata H, Iwai K, Mizuno Y, Yamaguchi H, Shibayama H: Glial fibrillary tangles in diffuse neurofibrillary tangles with calcification. *Acta Neuropathol (Berl)* 106:150-156, 2003
87. Kanamori T, Nishimaki K, Asoh S, Ishibashi Y, Takata I, Kuwabara T, Taira K, Yamaguchi H, Sugihara S, Yamazaki T, Ihara Y, Nakano K, Matuda S, Ohta S: Truncated product of the bifunctional DLST gene involved in biogenesis of the respiratory chain. *EMBO J* 22:2913-2923, 2003
88. Rofina J, van Andel I, van Ederen AM, Papaoiannou N, Yamaguchi H, Gruys E: Canine counterpart of senile dementia of the Alzheimer type: amyloid plaques near

- capillaries but lack of spatial relationship with activated microglia and macrophages. Amyloid: J Protein Folding Disord 10:86-96, 2003
90. Araki Y, Tomita S, Yamaguchi H, Miyagi N, Sumioka A, Kirino Y, Suzuki T: Novel Cadherin-related Membrane Proteins, Alcadeins, Enhance the X11-like Protein-mediated Stabilization of Amyloid β - Protein. J Biological Chemistry 278:49448-49458, 2003
 91. Sun X, Cole GM, Chu T, Xia W, Galasko D, Yamaguchi H, Tanemura K, Frautschy A, Takashima A: Intracellular A β is increased by okadaic acid exposure in transfected neuronal and non-neuronal cell lines. Neurobiol Aging 23:195-203, 2002
 92. Sai X, Kawamura Y, Kokame K, Yamaguchi H, Shiraishi H, Suzuki R, Suzuki T, Kawaichi M, Miyata T, Kitamura T, De Strooper B, Yanagisawa K, Komano H: Endoplasmic reticulum stress-inducible protein, Herp, enhances presenilin-mediated generation of amyloid β -protein. J Biol Chem 277:12915-12920, 2002
 93. Tanemura K, Murayama M, Akagi T, Hashikawa T, Tominaga T, Ichikawa M, Yamaguchi H, Takashima A: Neurodegeneration with tau accumulation in a transgenic mouse expressing V337M human tau. J Neurosci 22: 133-141, 2002
 94. Sun X, Sato S, Murayama O, Murayama M, Park JM, Yamaguchi H, Takashima A: Lithium inhibits amyloid secretion in COS7 cells transfected with amyloid precursor protein C100. Neurosci Lett 321:61-64, 2002
 95. Thal DR, Ghebremedhin E, Rub U, Yamaguchi H, Tredici KD, Braak H: Two types of sporadic cerebral amyloid angiopathy. J Neuropathol Exp Neuro; 61:282-293, 2002
 96. Xia X, Wang P, Sun X, Soriano S, Shum W=K, Yamaguchi H, Trumbauer ME, Takashima A, Koo H, Zheng H: The aspartate-257 of presenilin 1 is indispensable for mouse development and production of beta-amyloid peptides through beta-catenin-independent mechanisms. Proc Natl Acad Sci USA 99:8760-8765, 2002
 97. Takahashi RH, Milner TA, Li F, Nam EE, Edgar MA, Yamaguchi H, Beal MF, Xu H, Greengard P, Gouras GK: Intraneuronal Alzheimer Abeta42 accumulates in multivesicular bodies and is associated with synaptic pathology. Am J Pathol 161:1869-1879, 2002
 98. Yamaguchi H, Sugihara S, Ogawa A, Ihara Y: Alzheimer β amyloid deposition, which is hastened by ApoE ϵ 4 gene, precedes neurofibrillary pathology in the frontal association cortex of non-demented senior subjects. J Neuropathol Exp Neurol 60: 731-739, 2001
 99. Oshima N, Morishima-Kawashima M, Yamaguchi H, Yoshimura M, Sugihara S, Khan K, Games D, Schenk D, Ihara Y: Accumulation of amyloid β -protein in the low-density membrane domain accurately reflects the extent of β -amyloid deposition in the brain. Am J Pathol 158: 2209-2218, 2001
 100. Tanemura K, Akagi T, Murayama M, Kikuchi N, Murayama O, Hashikawa T, Yoshiike Y, Park J-M, Matsuda K, Nakao S, Sun X, Sato S, Yamaguchi H, Takashima A: Formation of filamentous tau aggregations in transgenic mice expressing V337M human tau. Neurobiol Dis 8:1036-1045, 2001
 101. Yamaguchi H, Maat-Schieman ML, van Duinen SG, Prins FA, Neeskens P, Natte R, Roos RA: Amyloid β protein (A β) starts to deposit as plasma membrane-bound form in diffuse plaques of brains from hereditary cerebral hemorrhage with amyloidosis-Dutch type, Alzheimer disease and nondemented aged subjects. J Neuropathol Exp Neurol 59:723-732,2000
 102. Morishima-Kawashima M, Oshima N, Ogata H, Yamaguchi H, Yoshimura M, Sugihara S, Ihara Y: Effect of apolipoprotein E allele ϵ 4 on the initial phase of amyloid β -protein accumulation in the human brain. Am J Pathol 157:2093-2099,2000
 103. Thal DR, Schultz C, Dehghani F, Yamaguchi H, Braak H, Braak E: Amyloid beta-protein (Abeta)-containing astrocytes are located preferentially near N-terminal-truncated Abeta deposits in the human entorhinal cortex. Acta Neuropathol 100:608-617,2000
 104. Kokubo H, Lemere CA, Yamaguchi H: Localization of flotillins in human brain and

- their accumulation with the progression of Alzheimer's disease pathology. *Neurosci Lett* 290:93-96,2000
105. Tsuzuki K, Fukatsu R, Yamaguchi H, Tateno M, Imai K, Fujii N, Yamauchi T: Transthyretin binds amyloid beta peptides, Abeta1-42 and Abeta1-40 to form complex in the autopsied human kidney - possible role of transthyretin for Abeta sequestration. *Neurosci Lett* 281:171-174,2000
 106. Fakla I, Kovacs I, Yamaguchi H, Geula C, Kasa P: Expressions of amyloid precursor protein, synaptophysin and presenilin-1 in the different areas of the developing cerebellum of rat. *Neurochem Int* 36:143-151,2000
 107. Kasa P, Papp H, Kovacs I, Forgon M, Penke B, Yamaguchi H: Human amyloid- β 1-42 applied in vivo inhibits the fast axonal transport of proteins in the sciatic nerve of rat. *Neurosci Lett* 278:117-119,2000
 108. Maat-Schieman ML, Yamaguchi H, van Duinen SG, Natta R, Roos RA: Age-related plaque morphology and C-terminal heterogeneity of amyloid beta in Dutch-type hereditary cerebral hemorrhage with amyloidosis. *Acta Neuropathol* 99:409-19,2000
 109. Sakai Y, Nakamura T, Sakurai A, Yamaguchi H, Hirai S: Right frontal areas 6 and 8 are associated with simultanapraxia, a subset of motor impersistence. *Neurology* 54:522-524, 2000
 110. Oue M, Yamaguchi H, Sato K, Suzuki M: Immunohistochemical localization of acid protease in *Ascaris suum* adult worm. *Exp Parasitol* 95:144-147, 2000
 111. Ishiguro K, Ohno H, Arai H, Yamaguchi H, Urakami K, Park JM, Sato K, Kohno H, Imahori K: Phosphorylated tau in human cerebrospinal fluid is a diagnostic marker for Alzheimer's disease. *Neurosci Lett* 270(2):91-4, 1999. doi: 10.1016/s0304-3940(99)00476-0.
 112. Yamaguchi H, Sugihara S, Ogawa A, Saido TC, Ihara Y: Diffuse plaques associated with astroglial amyloid beta protein, possibly showing a disappearing stage of senile plaques. *Acta Neuropathol.* 95(3):217-22, 1998. doi: 10.1007/s004010050790.
 113. Hayashi Y, Fukatsu R, Tsuzuki K, Yoshida T, Sasaki N, Kimura K, Yamaguchi H, St George-Hyslop PH, Fujii N, Takahata N: Evidence for presenilin-1 involvement in amyloid angiopathy in the Alzheimer's disease-affected brain. *Brain Res* 789(2):307-14, 1998. doi: 10.1016/s0006-8993(98)00027-4.
 114. Galvin JE, Lee VM, Baba M, Mann DM, Dickson DW, Yamaguchi H, Schmidt ML, Iwatsubo T, Trojanowski JQ: Monoclonal antibodies to purified cortical Lewy bodies recognize the mid-size neurofilament subunit. *Ann Neurol* 42(4):595-603, 1997. doi: 10.1002/ana.410420410.
 115. Yamaguchi H, Ishiguro K, Uchida T, Takashima A, Lemere CA, Imahori K: Preferential labeling of Alzheimer neurofibrillary tangles with antisera for tau protein kinase (TPK) I/glycogen synthase kinase-3 beta and cyclin-dependent kinase 5, a component of TPK II. *Acta Neuropathol* 92(3):232-41, 1996. doi: 10.1007/s004010050513.
 116. Lemere CA, Lopera F, Kosik KS, Lendon CL, Ossa J, Saido TC, Yamaguchi H, Ruiz A, Martinez A, Madrigal L, Hincapie L, Arango JC, Anthony DC, Koo EH, Goate AM, Selkoe DJ, Arango JC: The E280A presenilin 1 Alzheimer mutation produces increased A beta 42 deposition and severe cerebellar pathology. *Nat Med* 2(10):1146-50, 1996. doi: 10.1038/nm1096-1146.
 117. Lemere CA, Blusztajn JK, Yamaguchi H, Wisniewski T, Saido TC, Selkoe DJ: Sequence of deposition of heterogeneous amyloid beta-peptides and APO E in Down syndrome: implications for initial events in amyloid plaque formation. *Neurobiol Dis* 3(1):16-32,1996. doi: 10.1006/nbdi.1996.0003.
 118. Yamaguchi H, Sugihara S, Ishiguro K, Takashima A, Hirai S: Immunohistochemical analysis of COOH-termini of amyloid beta protein (Ab) using end-specific antisera for Ab40 and Ab42 in Alzheimer's disease and normal

- aging. Amyloid: Int J Exp Clin Invest 2: 7-16, 1995
119. Tsuzuki K, Fukatsu R, Takamaru Y, Yoshida T, Hayashi Y, Yamaguchi H, Fujii N, Takahata N: Amyloid beta protein in rat soleus muscle in chloroquine-induced myopathy using end-specific antibodies for A beta 40 and A beta 42: immunohistochemical evidence for amyloid beta protein. *Neurosci Lett* 202(1-2):77-80, 1995. doi: 10.1016/0304-3940(95)12205-2.
120. Sugihara S, Ogawa A, Nakazato Y, Yamaguchi H: Cerebral beta amyloid deposition in patients with malignant neoplasms: its prevalence with aging and effects of radiation therapy on vascular amyloid. *Acta Neuropathol* 90(2):135-41, 1995. doi: 10.1007/BF00294312.
121. Araki E, Yamada T, Takemura K, Yamaguchi H, Sakimura K, GHoto I, Sakaki Y: Transgenic mice expressing the amyloid b protein-containing carboxyl-terminal fragment of the Alzheimer amyloid precursor protein. *Amyloid: Int J Exp Clin Invest* 2: 100-106, 1995
123. Takashima A, Yamaguchi H, Noguchi K, Michel G, Ishiguro K, Sato K, Hoshino T, Hoshi M, Imahori K: Amyloid b peptide induces cytoplasmic accumulation of amyloid protein precursor via tau protein kinase I/glycogen synthase kinase-3b in rat hippocampal neurons. *Neurosci Lett* 198:83-86, 1995.
124. Tsuzuki K, Fukatsu R, Takamaru Y, Yoshida T, Hayashi Y, Yamaguchi H, Fujii N, Takahata N: Amyloid b peptide in rat soleus muscle in chloroquin-induced myopathy using end-specific antibodies for Ab40 and Ab42: immunohistochemical evidence for amyloid beta protein. *Neurosci Lett* 202:77-80, 1995.
125. Yamaguchi H, Ishiguro K, Sugihara S, Nakazato Y, Kawarabayashi T, Sun X, Hirai S: Presence of apolipoprotein E on extracellular neurofibrillary tangles and on meningeal blood vessels precedes the Alzheimer beta-amyloid deposition. *Acta Neuropathol* 88(5):413-9, 1994. doi: 10.1007/BF00389492.
126. Ishiguro K, Shoji M, Yamaguchi H, Matsubara E, Ikeda M, Kawarabayashi T, Harigaya Y, Okamoto K, Hirai S: Differential expression of alpha 1-antichymotrypsin in the aged human brain. *Virchows Arch B Cell Pathol Incl Mol Pathol* 64(4):221-7, 1993. doi: 10.1007/BF02915116.
127. Ikeda M, Shoji M, Yamaguchi H, Matsubara E, Amari M, Ishiguro K, Kawarabayashi T, Harigaya Y, Hirai S: Diagnostic significance of skin immunolabelling with antibody against native cerebral amyloid in Alzheimer's disease. *Neurosci Lett.* 150(2):159-61, 1993. doi: 10.1016/0304-3940(93)90525-p.
128. Imagawa M, Naruse S, Tsuji S, Fujioka A, Yamaguchi H: Coenzyme Q10, iron, and vitamin B6 in genetically-confirmed Alzheimer's disease. *Lancet* 340(8820):671, 1992. doi: 10.1016/0140-6736(92)92203-r.
129. Yamazaki T, Yamaguchi H, Nakazato Y, Ishiguro K, Kawarabayashi T, Hirai S: Ultrastructural characterization of cerebellar diffuse plaques in Alzheimer's disease. *J Neuropathol Exp Neurol* 51(3):281-6, 1992
130. Yamaguchi H, Yamazaki T, Ishiguro K, Shoji M, Nakazato Y, Hirai S: Ultrastructural localization of Alzheimer amyloid beta/A4 protein precursor in the cytoplasm of neurons and senile plaque-associated astrocytes. *Acta Neuropathol* 85(1):15-22, 1992.
131. Yamaguchi H, Yamazaki T, Lemere CA, Frosch MP, Selkoe DJ : Beta amyloid is focally deposited within the outer basement membrane in the early stage of amyloid angiopathy of Alzheimer's disease. *Am J Pathol* 141(1):249-59, 1992
132. Shoji M, Hirai S, Yamaguchi H, Harigaya Y, Ishiguro K, Matsubara E Alpha

- 1-antichymotrypsin is present in diffuse senile plaques: a comparative study of
-protein and a 1-antichymotrypsin immunostaining in the Alzheimer brain.
Am J Pathol 138:247-257, 1991
133. Yamazaki T, Yamaguchi H, Okamoto K, Hirai S: Ultrastructural localization
of argyrophilic substances in diffuse plaques of Alzheimer-type dementia
demonstrated by methenamine silver staining. Acta Neuropathol 81:540-545, 1991
134. Kawarabayashi T, Shoji M, Harigaya Y, Yamaguchi H, Hirai S: Amyloid beta
/A4 protein precursor is widely distributed in both the central and peripheral
nervous systems of the mouse. Brain Res 522:1-7, 1991
135. Kawarabayashi T, Shoji M, Harigaya Y, Yamaguchi H, Hirai S: Expression of
APP in the early stage of brain damage. Brain Res 563:334-338, 1991.
136. Sasaki A, Nakanishi Y, Nakazato Y, Yamaguchi H: Application of lectin and
B-lymphocyte-specific monoclonal antibodies for the demonstration of human
microglial in formalin-fixed, paraffin-embedded brain tissue. Virchow Archiv A
Pathol Anat 419:291-299, 1991.
137. Yamaguchi H, Nakazato Y, Shoji M, Okamoto K, Ihara Y, Morimatsu M,
Hirai S.: Secondary deposition of beta amyloid on extracellular neurofibrillary
tangles in Alzheimer-type dementia. Am J Pathol 138:699-705, 1991.©
138. Yamaguchi H, Nakazato Y, Yamazaki T, Shoji M, Kawarabayashi T, Hirai S
Subpial beta/A4 amyloid deposition occurs between astroglial processes in the
Alzheimer-type dementia. Neurosci Letter 223:217-220, 1991.
139. Yamaguchi H, Nakazato Y, Kawarabayashi T, Ishiguro K, Ihara Y,
Morimatsu M, Hirai S: Extracellular neurofibrillary tangles associated with
degenerating neurites and neuropil threads in Alzheimer-type dementia. Acta
Neuropathol 81: 603-609, 1991.
140. Yamaguchi H, Nakazato Y, Shoji M, Takatama M, Hirai S: Ultrastructure of
diffuse plaques in senile dementia of the Alzheimer type: comparison with
primitive plaques. Acta Neuropathol 82:13-20, 1991.
141. Sato K, Kano S, Yamaguchi H, Omer FW, Safi SH, Gaddal AA, Suzuki M: An
ABC-ELISA for malaria serology in the field. Am J Trop Med Hyg 42:24-27, 1990
142. Shoji M, Hirai S, Yamaguchi H, Harigaya Y, Kawarabayashi T: Amyloid
beta-protein precursor accumulate in dystrophic neurites of senile plaques in
Alzheimer-type dementia. Brain Res 512:164-168,1990
143. Matsubara E, Hirai S, Amari M, Shoji M, Yamaguchi H, Okamoto K,
Ishiguro K, Harigaya Y, Kawarabayashi T: Alfa 1-antichymotrypsin as a possible
biochemical marker for Alzheimer- type dementia. Ann Neurol 28:561-567, 1990.
144. Shoji M, Hirai S, Harigaya Y, Kawarabayashi T, Yamaguchi H: The amyloid
beta-protein precursor is localized in smooth muscle cells of leptomenigeal
vessels. Brain Res 530:113-116, 1990.
145. Shoji M, Kawarabayashi T, Harigaya Y, Yamaguchi H, Hirai S, Kamimura
T, Sugiyama T: Alzheimer amyloid beta protein precursor in sperm development.
Am J Pathol 137: 1027-1032, 1990.
146. Yamaguchi H, Nakazato Y, Hirai S, Shoji M: Immunoelectron microscopic
localization of amyloid/3protein in the diffuse plaques of the Alzheimer-type
dementia. Brain Res 508:320-324, 1990
147. Yamaguchi H, Haga C, Hirai S, Nakazato Y, Kosaka K: Distinctive, rapid,
and easy labeling of diffuse plaques in the Alzheimer brains by new methenamine
silver stain. Acta Neuropathol 79:596-572, 1990.
148. Yamaguchi H, Nakazato Y, Hirai S, Shoji M, Ihara Y: Ultrastructure of the
neuropil threads in the Alzheimer brain: Their dendritic origin and accumulation
in the senile plaques. Acta Neuropathol 80:368-374, 1990
149. Yamaguchi H, Ishiguro K, Shoji M, Yamazaki T, Ihara Y, Hirai S: Amyloid
beta protein precursor is bound to neurofibrillary tangles in Alzheimer-type
dementia. Brain Res 537:318-328,1990

150. Yamaguchi H, Hirai S, Morimatsu M, Shoji M, Nakazato Y: Diffuse type of senile plaques in the cerebellum of Alzheimer-type dementia demonstrated by β 3 protein immunostain. *Acta Neuropathol* 77: 314-319, 1989
151. Yamaguchi H, Nakazato Y, Hirai S, Shoji M, Harigaya Y: Electron micrograph of diffuse plaques: Initial stage of senile plaque formation in the Alzheimer brain. *Am J Pathol* 135: 593-597, 1989.
152. Yamaguchi H, Haga C, Hirai S, Nakazato Y, Kosaka K: Methenamine silver stain impregnates amyloid-related components of senile plaques in the Alzheimer brains as clearly as β 3 protein immunostaining. *Ann Rep Coll Technol Gunma Univ* 10:121-129, 1989
153. Shoji M, Harigaya Y, Yamaguchi H, Okamoto K, Hirai S, Takatama M: Immunocytochemical study of alpha 1-antichymotrypsin in the senescent cerebral amyloid. *Prog Clin Biol Res* 317:1049-59, 1989.
154. Harigaya Y, Shoji M, Yamaguchi H, Hirai S, Takatama M: A study of beta protein precursor using antiserum against a synthetic peptide (1-28). *Prog Clin Biol Res* 317:945-52, 1989.
155. Matsubara E, Amari M, Shoji M, Harigaya Y, Yamaguchi H, Okamoto K, Hirai S: Serum concentration of alpha 1-antichymotrypsin is elevated in patients with senile dementia of the Alzheimer type. *Prog Clin Biol Res* 317:707-14, 1989.
156. Yamaguchi H, Hirai S, Morimatsu M, Shooji M, Ihara Y: A variety of cerebral amyloid deposits in the brains of the Alzheimer-type dementia demonstrated by beta protein immunostaining. *Acta Neuropathol* 76:541-549, 1988. ©
157. Yamaguchi H, Hirai S, Morimatsu M, Shoji M, Harigaya Y: Diffuse type of senile plaques in the brains of Alzheimer-type dementia. *Acta Neuropathol* 77: 113-119, 1988. ©
158. Yamaguchi H, Hirai S, Nakazato Y: Formic acid pretreatment selectively abolishes argyrophilia of senile plaques in the brains of the Alzheimer-type dementia. *Ann Rep Coll Med Care Technol Gunma Univ* 9:181-186, 1988.
159. Yamaguchi H, Morimatsu M, Hirai S, Takahashi K: Alzheimer's neurofibrillary tangles are penetrated by astroglial processes and appear eosinophilic in their final stages. *Acta Neuropathol* 72:214-217, 1987
160. Yamaguchi H, Okamoto K, Shooji M, Morimatsu M, Hirai S: Muscle histology of hypocalcaemic myopathy in hypoparathyroidism. *J Neurol Neurosurg Psychiatr* 50:817-818, 1987
161. Takahashi K, Isobe T, Otsuki T, Sonobe H, Yamaguchi H, Akagi T S-100 protein positive human T-lymphocyte. *Am J Clin Pathol* 83: 69-72, 1985
162. Tsuji S, Yamada T, Ariga T, Toyoshima I, Yamaguchi H, Kitahara Y, Miyatake T, Yamakawa T: Carrier detection of sialidosis with partial β galactosidase deficiency by the assay of lysosomal sialidase in lymphocytes. *Ann Neurol* 15:181-183, 1984
163. Okamoto K, Hirano A, Yamaguchi H, Hirai S: The fine structure of eosinophilic stages of Alzheimer's neurofibrillary tangles. *J Clin Electron Microscopy* 16:77-82, 1983
164. Takahashi K, Akagi T, Otuki Y, Sonobe H, Yamaguchi Y: An

- immunohistochemical study on the distribution of histiocytes containing S-100-like antigen in cutaneous T-cell lymphoma/leukemia; a preliminary report. *Experientia* 38:1349-1351, 1982
165. Nakazato Y, Ishizeki J, Takahashi K, Yamaguchi H, Kamei T, Mori T: Localization of S-100 protein and glial fibrillary acidic protein-related antigen in pleomorphic adenoma of the salivary glands. *Lab Invest* 46:621-626, 1982
166. Nakazato Y, Ishizeki J, Takahashi K, Yamaguchi H: Immunohistochemical localization of S-100 protein in granular cell myoblastoma. *Cancer* 49:1624-1628, 1982
167. Uchida T, Takahashi T, Yamaguchi H, Nagai K: Localization of galactocerebroside in oligodendrocytes, myelin sheath and choroid plexus. *Japan J Exp Med* 51:29-35, 1981
168. Takahashi T, Yamaguchi H, Ishizeki J, Nakajima T, Nakazato Y: Immunohistochemical and immunoelectron microscopic localization of S-100 protein in the interdigitating reticulum cells of the human lymph node. *Virchows Archiv B [Cell Pathol]* 37:125-135, 1981
169. Nakazato Y, Yamaguchi H, Takahashi K, Ishida Y: The localization of glial fibrillary acidic protein in brain tumors induced in hamsters with avian sarcoma virus. *Acta Neuropathol* 55:293-295, 1981
170. Nakajima T, Yamaguchi H, Takahashi K: S100 protein in folliculostellate cells of the rat pituitary anterior lobe. *Brain Res* 191:523-531, 1980

2 - 1 欧文総説

1. Maki Y, Sakurai T, Okochi J, Yamaguchi H, Toba K.: Rehabilitation to live better with dementia. *Geriatr Gerontol Int* 18(11):1529-1536, 2018. doi: 10.1111/ggi.13517.
2. Yamaguchi H, Maki Y, Yamagami T: Overview of non-pharmacological intervention for dementia and principles of brain-activating rehabilitation. *Psychogeriatrics*. 10(4):206-13, 2010. doi: 10.1111/j.1479-8301.2010.00323.x.
3. Yamaguchi H: Alzheimer pathology during the past 100 years. *Psychogeriatrics* 7(3):109-113, 2007 (Review)
4. Yamaguchi H: Illustration of dynamic changes in Alzheimer pathology: From mild cognitive impairment to terminal stage. *Neuropathology* 25 (4): 285-287, 2005 (Review)

3 - 1 欧文著書

1. Yamaguchi H: Amyloid morphology and pathology of Alzheimer's disease. In *Molecular Biology of Alzheimer's Disease*. C. Haass eds, Harwood Academic Publishers, Amsterdam, p3-15, 1998
2. Yamaguchi H, Sugihara S: Abeta and its associated proteins with aging: comparison between senile plaques and amyloid angiopathy. In *Alzheimer's Disease: Biology, Diagnosis and Therapeutics*. Edited by Iqbal K, Winblad B, Nishimura T, Takeda M, Wisniewski HM. Chichester, Jhon Wiley & Sons, 1997, pp.305-309
3. Yamaguchi H, Shoji M, Kawarabayashi T, Yamazaki T, Nakazato Y, Hirai S, Ihara Y: Localization of amyloid beta/A4 protein precursor in the Alzheimer brains. *Frontiers of Alzheimer Research*. Ishii T, Allsop D, Selkoe DJ ed, p155-162, Excerpta Medica, 1991.
4. Shoji M, Harigaya Y, Kawarabayashi T, Ishiguro K, Matsubara E, Yamaguchi H, Okamoto K, Hirai S, Takatama M: Amyloid beta-protein precursor accumulates in dystrophic neurites of senile plaques in Alzheimer-type dementia. *Alzheimer's*

- disease: Basic mechanisms, diagnosis and therapeutic strategies. Iqbal K, McLachlan DR, Winblad B, Wisniewski HM ed, Wiley, Chichester, 1991, pp321-328
5. Yamaguchi H, Hirai S, Nakazato Y: Diffuse plaques as the earliest stage of senile plaque formation in the Alzheimer brain. Molecular biology and genetics of Alzheimer's disease. Miyatake T, Selkoe DJ, Ihara Y ed, ICS 884, Elsevier, 1990, pp85-93
 6. Yamaguchi H: Morphological characterization of diffuse plaques. Aging of the brain: cellular and molecular aspects of brain aging and Alzheimer's disease. Taniguchi Foundation, pp205-212, 1990.
 7. Yamaguchi Y, Hirai S, Shoji M, Harigaya Y, Okamoto K, Nakazato Y: Alzheimer-type dementia: diffuse type of senile plaques demonstrated by beta protein immunostaining. Alzheimer's disease and related disorders. Iqbal K et al ed, Alan R Liss Inc, New York, 1989, p467-474
 8. Matsubara E, Amari M, Shoji M, Harigaya Y, Ishiguro K, Yamaguchi H, Okamoto K, Hirai S: alpha1-antichymotrypsin content is increased in the sera from the patients with senile dementia of the Alzheimer-type. Alzheimer's disease and related disorders. Iqbal K et al ed, Alan R Liss Inc, New York, 1989, p707-714
 9. Harigaya Y, Shoji M, Yamaguchi H, Hirai S, Takatama M: A study of beta protein precursor by using antiserum against a synthetic peptide (1-28). Alzheimer's disease and related disorders. Iqbal K et al ed., Alan R Liss Inc, New York, 1989, p945-952
 10. Shoji M, Harigaya Y, Yamaguchi H, Okamoto K, Hirai S, Takatama M: Immunocytochemical study for alpha1-antichymotrypsin in the senescent cerebral amyloid. Alzheimer's disease and related disorders. Iqbal K et al ed, Alan R Liss Inc, New York, 1989, p1049-1059
 11. Okamoto K, Yamaguchi H, Hirai S, Shoji M, Harigaya Y, Takatama M: Immunogold electron microscopic study of cerebrovascular and senile plaque amyloid by use of anti-beta protein antibody. Alzheimer's disease and related disorders. Iqbal K et al ed, Alan R Liss Inc, New York, 1989, p953-963
 12. Nakazato Y, Yamaguchi H, Takahashi K, Mori T: Immunohistochemical localization of nervous tissue proteins, S-100, GFAP and astroprotein in the extradural tissues. Proteins of the Biological Fluids. Pergamon Press, 1982, pp47-50