

11. Iseki E, Li F, Odawara T, Kosaka K (1997) Hippocampal pathology in diffuse Lewy body disease using ubiquitin immunohistochemistry. *J Neurol Sci* 149:165–169
12. Janiszczka AM, Jackson O III, Firoz EF, Baxter MG (2004) Environment-spatial conditional learning in rats with selective lesions of medial septal cholinergic neurons. *Hippocampus* 14:265–273
13. Kaufer DI (2004) Pharmacologic treatment expectations in the management of dementia with Lewy bodies. *Dement Geriatr Cogn Disord* 17:32–39
14. Kitt CA, Mitchell SJ, DeLong MR, Wainer BH, Price DL (1987) Fiber pathways of basal forebrain cholinergic neurons in monkeys. *Brain Res* 406:192–206
15. Kordower JH, Gash DM, Bothwell M, Hersh L, Mufson EJ (1989) Nerve growth factor and choline acetyltransferase remain colocalized in the nucleus basalis (Ch4) of Alzheimer's disease patients. *Neurobiol Aging* 10:287–294
16. Lippa CF, Smith TW, Perry E (1999) Dementia with Lewy bodies: choline acetyltransferase parallels nucleus basalis pathology. *J Neural Transm* 106:525–535
17. Marui W, Iseki E, Kato M, Akatsu H, Kosaka K (2004) Pathological entity of dementia with Lewy bodies and its differentiation from Alzheimer's disease. *Acta Neuropathol* 108:121–128
18. McKeith IG, Galasko D, Kosaka K, Perry EK, Dickson DW, Hansen LA, Salmon DP, Lowe J, Mirra SS, Byrne EJ, Lennox G, Quinn NP, Edwardson JA, Ince PG, Bergeron C, Burns A, Miller BL, Lovestone S, Collerton D, Jansen ENH, Ballard C, de Vos RAI, Wilcock GK, Jellinger KA, Perry RH (1996) Consensus guidelines for the clinical and pathologic diagnosis of dementia with Lewy bodies (DLB). *Neurology* 47:1113–1124
19. Mesulam M-M, Mufson EJ, Levey AI, Wainer BH (1983) Cholinergic innervation of cortex by the basal forebrain: cytochemistry and cortical connections of the septal area, diagonal band nuclei, nucleus basalis (substantia innominata) and hypothalamus in the rhesus monkey. *J Comp Neurol* 214:170–197
20. Mori E, Shimomura T, Fujimori M, Hirano N, Imamura T, Hashimoto M, Tanimukai S, Kazui H, Hanihara T (2000) Visuospatial impairment in Dementia with Lewy bodies. *Arch Neurol* 57:489–493
21. Mufson EJ, Bothwell M, Kordower JH (1989) Loss of nerve growth factor receptor-containing neurons in Alzheimer's disease: a quantitative analysis across subregions of the basal forebrain. *Exp Neurol* 105:221–232
22. Mufson EJ, Bothwell M, Hersh LB, Kordower JH (1989) Nerve growth factor receptor immunoreactive profiles in the normal, aged human basal forebrain: colocalization with cholinergic neurons. *J Comp Neurol* 285:196–217
23. Mufson EJ, Cochran E, Benzing W, Kordower JH (1993) Galaninergic innervation of the cholinergic vertical limb of the diagonal band (Ch2) and bed nucleus of the stria terminalis in aging, Alzheimer's disease and down's syndrome. *Dementia* 4:237–250
24. Mufson EJ, Conner JM, Varon S, Kordower JH (1994) Nerve growth factor-like immunoreactive profiles in the primate basal forebrain and hippocampal formation. *J Comp Neurol* 341:507–519
25. Pearson RCA, Sofroniew MV, Cuello AC, Powell TPS, Eckenstein F, Esiri MM, Wilcock GK (1983) Persistence of cholinergic neurons in the basal nucleus in a brain with senile dementia of the Alzheimer's type demonstrated by immunohistochemical staining for choline acetyltransferase. *Brain Res* 289:375–379
26. Perry EK, Irving D, Kerwin JM, McKeith IG, Thompson P, Collerton D, Fairbairn AF, Ince PG, Morris CM, Cheng AV, Perry RH (1993) Cholinergic transmitter and neurotrophic activities in Lewy body dementia: similarity to Parkinson's and distinction from Alzheimer disease. *Alzheimer Dis Assoc Disord* 7:69–79
27. Ransmayr G, Cervera P, Hirsch E, Ruberg M, Hersh LB, Duyckaerts C, Hauw J-J, Delumeau C, Agid Y (1989) Choline acetyltransferase-like immunoreactivity in the hippocampal formation of control subjects and patients with Alzheimer's disease. *Neuroscience* 32:701–714
28. Ridley RM, Barefoot HC, Maclean CJ, Pugh P, Baker HF (1999) Different effects on learning ability after injection of the cholinergic immunotoxin ME20. 4IgG-saporin into the diagonal band of Broca, basal nucleus of Meynert, or both in monkeys. *Behav Neurosci* 113:303–315
29. Rinne JO, Paljarvi L, Rinne UK (1987) Neuronal size and density in the nucleus basalis of Meynert in Alzheimer's disease. *J Neurol Sci* 79:67–76
30. Tiraboschi P, Hansen LA, Alford M, Sabbagh MN, Schoos B, Masliah E, Thal LJ, Corey-Bloom J (2000) Cholinergic dysfunction in disease with Lewy bodies. *Neurology* 54:407–411
31. The national institute on aging, reagan institute working group on diagnostic criteria for the neuropathological assessment of Alzheimer's disease (1997) Consensus recommendations for the postmortem diagnosis of Alzheimer's disease. *Neurobiol Aging* 18:S1–S2

平成 17 年度  
厚生科学研究費補助金  
長寿科学総合研究事業

痴呆性高齢者におけるケアサービスの質的評価に関する研究

発行：平成 18 (2006) 年 3 月  
発行所：国立長寿医療センター  
(愛知県大府市森岡町源吾 36-3)  
TEL：0562-46-2311 FAX：0562-46-8359  
発行者：遠藤 英俊