# **Curriculum Vitae**

Name: Dong Young Lee

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#### **Current Position:**

Professor, Department of Neuropsychiatry, Seoul National University Hospital & Seoul National University College of Medicine, and Integrative Program for Cognitive Science, Seoul National University

Training Director, Neuropsychiatry Resident Training Program, Seoul National University Hospital

Director, Dementia & Memory Clinic, Seoul National University Hospital

Director, Seoul Metropolitan Center for Dementia

# **Education and Degree:**

198	34.3 - 1990.2	Bachelor of Medicine, Seoul National University College
		of Medicine
199	2.3 - 1994. 3	Master of Medicine (clinical pharmacology), Seoul National
		University, Graduate School of Medicine
199	94.3 - 2001.2	Ph.D., Seoul National University, Graduate School of Medicine

# **Professional Training:**

1990.3 - 1991.2	Rotating Intern, Seoul National University Hospital
1991.3 - 1995.2	Resident, Department of Neuropsychiatry, Seoul National
	University Hospital
1998.5 - 2000.4	Dementia & Geriatric Neuropsychiatry Fellow, Department of
	Neuropsychiatry, Seoul National University Hospital
2001.6	Schedule for Clinical Assessment in Neuropsychiatry (SCAN) training

	(certified rater), WHO SCAN reference center, Leicester University, UK
2002.5	Clinical Dementia Rating (CDR) rater training (certified rater), Alzheimer
	Disease Research Center, Washington University School of Medicine, USA
2010.6.24	Seoul National University Hospital, 2010 GCP training (certified)
2010. 9. 2	Seoul National University College of Medicine-Seoul National University
	Hospital joint IRB 7 <sup>th</sup> GCP workshop (certified)
2011.11.10	Seoul National University Hospital, 2011 GCP training (certified)
2012. 2.23	Seoul National University Hospital, 2012 GCP training (certified)
2013. 7.11	Seoul National University Hospital, 2013 GCP training (certified)

# License:

1990.2	Doctor in Medicine (M.D.), Ministry of Health and Welfare, Korea
1995.2	Board of Psychiatry, Ministry of Health and Welfare, Korea

1996. Certification from Educational Commission for Foreign Medical Graduates (ECFMG), USA

# **Professional Experience:**

1995.2 - 1998.4	Army Psychiatrist in Koran National Army
2000.5 - 2003.8	Chief Psychiatrist, Kyunggi Provincial Hospital for the Elderly
2003.8 - 2007.10	Assistant Professor, Department of Neuropsychiatry, Seoul National
	University College of Medicine and Seoul National University Hospital
2005.1 – 2005.3	Visiting Professor, Department of Behavioral Neurology & Cognitive
	Neuroscience, Tohoku University Graduate School of Medicine, Japan
2007.4 - 2007.10	Assistant Professor, Integrative Program for Cognitive Science, Seoul
	National University
2007.10 - 2013.3	Associate Professor, Department of Neuropsychiatry, Seoul National
	University College of Medicine & Seoul National University Hospital, and
	Integrative Program for Cognitive Science, Seoul National University
2003.8 – 2013.3	Vice-director, Dementia & AACD Clinic, Seoul National University Hospital
2006.9 - 2008.11	Councilor, Institutional Review Board, Seoul National University Hospital
2007.1 – 2008.11	Director, Seoul Metropolitan Center for Dementia
2008.12 – 2010.5	Visiting Associate Professor, Department of Neurology & Imaging of
	Dementia and Aging (IDeA) Laboratory, Center for Neuroscience, University
	of California at Davis, USA
2013.3 - Present	Professor, Department of Neuropsychiatry, Seoul National University
	College of Medicine & Seoul National University Hospital, and Integrative
	Program for Cognitive Science, Seoul National University

#### **Professional Societies:**

Councilor, Korean Society for Neurodegenerative diseases

Councilor, Korean College of Geriatric Psychoneuropharmacology

Councilor, Korean Dementia Research Group

Member, Korean Neuropsychiatric Association

Member of the Committee for Board Examination of Psychiatry, Korean Neuropsychiatric Association

Member, Korean Society for Human Brain Mapping

Director, Korean Association for Dementia

#### **Editorial Positions:**

**Editorial Board** 

2004 - Present Psychiatry Investigation

2005 - Present Journal of Korean Neuropsychiatric Association

2010 – Present Alzheimer's Disease & Related Disorders

## Awards:

2004.10. EXCELLENT POSTER AWARD. 2004 Korean Neuropsychiatric Association Annual Meetings, Seoul, Korea. (Prediction of Alzheimer's disease in questionable dementia patients: three year follow-up study.)

2006.10. INTERNATIONAL JUNIOR INVESTIGATOR AWARD. The 6<sup>th</sup> Annual Meeting of International College of Geriatric Psychoneuropharmacology (ICGP), Hiroshima, Japan.

2006.10. BEST POSTER AWARD. The 6<sup>th</sup> Annual Meeting of International College of Geriatric Psychoneuropharmacology (ICGP), Hiroshima, Japan. (Apolipoprotein E genotype and white matter integrity in early stage Alzheimer's disease: DTI study.)

2008.4. BEST TEACHING AWARD. Seoul National University College of Medicine.

2008. 12 OFFICIAL COMMENDATION BY THE MAJOR OF SEOUL for distinguished contribution as the Director of the Seoul Metropolitan Center for Dementia

2012. 9 OFFICIAL COMMENDATION BY THE MINISTER of HEALTH AND WELFARE (REPUBLIC OF KOREA) for distinguished contribution as the Director of the Seoul Metropolitan Center for Dementia

# Bibliography:

### Journal Articles: international

- 1. <u>Lee DY</u>, Lee KU, Kwon JS, Jang IJ, Cho MJ, Shin SG, Woo JI. Pharmacokinetic-pharmacodynamic modeling of risperidone effects on electroencephalography in healthy volunteers. Psychopharmacology 1999;144(3):272-278
- 2. Kim KW, Jhoo JH, Lee KU, <u>Lee DY</u>, Lee JH, Young JY, Lee BJ, Han SH, Woo JI. Association between apolipoprotein E polymorphism and Alzheimer's disease in Koreans. Neurosci lett 1999;277:145-148
- 3. Kim KW, Jhoo JH, Lee KU, <u>Lee DY</u>, Lee JH, Youn JY, Lee BJ, Han SH, Woo JI. No association between alpha-1-antichymotrypsin polymorphism and Alzheimer's disease in Koreans. Am J Med Genet 2000; 91(5): 355-8
- 4. Lee JH, Kim JH, Jhoo JH, Lee KU, Kim KW, <u>Lee DY</u>, Woo JI. A Telemedicine system as a care modality for dementia patients in Korea. Alzheimer Dis Assoc Disord 2000; 14(2): 94-101
- 5. Kim KW, Jhoo JH, Lee KU, <u>Lee DY</u>, Lee JH, Youn JY, Lee BJ, Woo JI. No association between presenilin 1 (PS1) intronic polymorphism and sporadic Alzheimer's disease in Koreans. J Neural Transm 2000; 107(10): 1191-200
- 6. Jhoo JH, Kim KW, <u>Lee DY</u>, Lee KW, Lee JH, Kim SY, Youn JY, Youn JC, Woo JI. Association of alpha-2-macroglobulin deletion polymorphism with sporadic Alzheimer's disease in Koreans. J Neurol Sci 2001; 15;184(1):21-5
- 7. Kim KW, Jhoo JH, Lee KU, <u>Lee DY</u>, Lee JH, Youn JY, Woo JI. Transferrin C2 variant does not confer a risk for Alzheimer's disease in Koreans. Neurosci Lett. 2001; 27;308(1):45-8
- 8. Kim KW, Jhoo JH, Lee JH, Lee KU, <u>Lee DY</u>, Youn JC, Youn JY, Woo JI. Neither the butyrylcholinesterase K variant nor transferrin C2 variant confers a risk for Alzheimer's disease in Koreans. J Neural Transm. 2001; 108(10):1159-66
- Lee JH, Lee KU, <u>Lee DY</u>, Kim KW, Jhoo JH, Kim JH, Lee KH, Kim SY, Han SH, Woo JI. Development of the Korean version of the Consortium to Establish a Registry for Alzheimer's Disease (CERAD) Assessment packet (CERAD-K): Clinical and Neuropsychological Assessment Batteries. J Gerontol Psychol Sci 2002; 57(1):47-53
- Kim KW, Jhoo JH, Lee JH, <u>Lee DY</u>, Lee KU, Youn JC, Youn JY, Woo JI. The Domain-specific, stage-limited impact of the apolipoprotein E epsilon-4 allele on cognitive functions in Alzheimer's disease. Dement Geriatr Cogn Disord 2002; 13: 125-129
- 11. Kim KW, Youn JC, Jhoo JH, <u>Lee DY</u>, Lee KU, Lee JH, Woo JI Apolipoprotein E 4 Allele is not associated with the cognitive impairment in community-dwelling normal elderly individuals. Int J Geriatr Psychiatr 2002; 17: 635-640
- 12. <u>Lee DY</u>, Lee JH, Ju YS, Lee KU, Kim KW, Jhoo JH, Youn JC, Ha J, Woo JI. The prevalence of dementia among the elderly in an urban population of Korea: the Seoul study. J Am Geriatr Soc 2002; 50:1233-1239

- 13. Youn JC, <u>Lee DY</u>, Kim KW, Lee JH, Jhoo JH, Lee KU, Woo JI. Development of the Korean version of Alzheimer's Disease Assessment Scale (ADAS-K) Int J Geriatric Psychiatry. 2002; 17:797-803
- 14. Kim KW, <u>Lee DY</u>. Obsessive-compulsive disorder associated with a left orbitofrontal infarct. J Neuropsychiatry Clin Neurosci 2002; 14:88-89
- 15. Lee KU, Lee JS, Kim KW, Jhoo JH, <u>Lee DY</u>, Lee JH, Youn JC, Lee DS, Lee MC, Woo JI. The Influence of the Apolipoprotein E Type 4 Allele on Cerebral Glucose Metabolism in Patients with Alzheimer's Disease. J Neuropsychiatry Clin Neurosci 2003; 15(1):78-83
- Lee DY, Lee KU, Lee JH, Kim KW, Jhoo JH, Kim SY, Yoon JC, Woo SI, Ha J, Woo JI. A normative study of the CERAD neuropsychological assessment battery in the Korean elderly. J Int Neuropsychol Soc 2004; 10:72-81
- 17. Kim KW, Suh YJ, Park WY, Jhoo JH, <u>Lee DY</u>, Youn JC, Lee KH, Seo JS, Woo JI. Choline acetyltransferase G +4 A polymorphism confers a risk for Alzheimer's disease in concert with Apolipoprotein E epsilon4. Neurosci Lett 2004; 366(2):182-6
- 18. Jhoo JH, Kim KW, Suh YJ, <u>Lee DY</u>, Youn JC, Lee JH, Woo JI. The gender- and age-dependency of the risk for Alzheimer's disease conferred by apolipoprotein E polymorphism in Koreans. Psychiatry Investigation 2004; 1(1):56-60
- 19. Kim KW, <u>Lee DY</u>, Jhoo JH, Youn JC, Suh YJ, Jun YH, Seo EH, Woo JI. Diagnostic accuracy of mini-mental status examination and revised Hasegawa dementia scale for Alzheimer's disease. Dement Geriatr Cogn Disord 2005; 19(5-6):324-30
- Jhoo JH, Park WY, Kim KW, Lee KH, <u>Lee DY</u>, Youn JC, Choo IH, Seo JS, Woo JI. Lack of association of cathepsin D genetic polymorphism with Alzheimer's disease in Koreans. Arch Gerontol Geriatr. 2005; 41(2):121-7
- 21. Youn JC, <u>Lee DY</u>, Kim KW, Woo JI. Epidemiology of dementia. Psychiatry Investigation 2005; 2(1):28-39
- 22. <u>Lee DY</u>, Youn JC, Choo IH, Kim KW, Jhoo JH, Pak YS, Suh KW, Woo JI. Combination of clinical and neuropsychological information as a better predictor of the progression to Alzhiemer disease in questionable dementia individuals. Am J Geriatr Psychiatry 2006; 14:130-138
- 23. <u>Lee DY</u>, Choo IH, Kim KW, Jhoo JH, Youn JC, Lee UY, Woo JI. White matter changes are associated with psychotic symptoms in Alzheimer's disease patients. J Neuropsychiatry Clin Neurosci 2006;18(2):191-198
- 24. <u>Lee DY</u>, Choo IH, Jhoo JH, Kim KW, Youn JC, Lee DS, Kang EJ, Lee JS, Kang WJ, Woo JI. Frontal dysfunction underlies depressive syndrome in Alzheimer's disease: A FDG-PET study. Am J Geriatr Psychiatry 2006; 14(7):625-628
- 25. Seo EH, <u>Lee DY</u>, Kim KW, Lee JH, Jhoo JH, Youn JC, Choo IH, Ha J, Woo JI. A normative study of the trail making test in Korean elders. Int J Geriatr Psychiatry 2006; 21(9):844-852

- 26. Park JH, Lee SB, Lee TJ, <u>Lee DY</u>, Jhoo JH, Youn JC, Choo IH, Choi EA, Jeong JW, Choe JY, Woo JI, Kim KW. Depression in vascular dementia is quantitatively and qualitatively different from depression in Alzheimer's disease. Dement Geriatr Cogn Disord 2007; 23:67-73
- 27. Choo IH, <u>Lee DY</u>, Youn JC, Jhoo JH, Kim KW, Lee DS, Lee JS, Woo JI. Topographic patterns of brain functional impairment progression according to clinical severity staging in 116 Alzheimer's disease patients: FDG-PET study. Alzheimer Dis Assoc Disord 2007;21(2):77-84
- 28. Seo EH, <u>Lee DY</u>, Choo IH, Youn JC, Kim KW, Jhoo JH, Suh KW, Paek YS, Jun YH, Woo JI. Performance on the Benton Visual Retention Test in an educationally diverse elderly population. J Gerontol Psychol Sci 2007;62B:191-193
- 29. Jeong JW, Kim KW, <u>Lee DY</u>, Lee SB, Park JH, Choi EA, Choe JY, Do YJ, Ryang JS, Roh HA, Park YS, Choi Y, Woo JI. A normative study of the Revised Hasegawa Dementia Scale: comparison of demographic influences between the Revised Hasegawa Dementia Scale and the Mini-Mental Status Examination. Dement Geriatr Cogn Disord 2007;24(4):288-293
- 30. Youn JC, <u>Lee DY</u>, Lee JH, Kim KW, Jhoo JH, Choo IH, Park YS, Jeon YH, Seo KW, Woo JI. Development of a Korean version of the behavioral rating scale for dementia (BRSD). Int J Geriatr Psychiatry 2008;23:677-684
- 31. Kim KW, Youn JC, Han MK, Paik NJ, Lee TJ, Park JH, Lee SB, Choo IH, <u>Lee DY</u>, Jhoo JH, Woo JI. Lack of association between apolipoprotein E polymorphism and vascular dementia in Koreans. J Geriatr Psychaitry Neurol 2008;21(1):12-17
- 32. Choe JY, Youn JC, Park JH, Park IS, Jeong JW, Lee WH, Lee SB, Park YS, Jhoo JH, <u>Lee DY</u>, Kim KW. The severe cognitive impairment rating scale An instrument for the assessment of cognition in moderate to severe dementia patients. Dementia Geriatr Cogn Disord 2008;25(4):321-328
- 33. <u>Lee DY</u>, Seo EH, Choo IH, Kim SG, Lee JS, Lee DS, Jhoo JH, Kim KW, Youn JC, Woo JI. Neural correlates of the clock drawing test performance in Alzheimer's disease: A FDG-PET study. Dement Geriatr Cogn Disord 2008; 26(4):306-13
- 34. Jhoo JH, Kim KW, Huh Y, Lee SB, Park JH, Lee JJ, Choi EA, Han C, Choo IH, Youn JC, Lee DY, Woo JI. Prevalence of dementia and its subtypes in an elderly urban korean population: results from the Korean Longitudinal Study on Health And Aging (KLoSHA). Dement Geriatr Cogn Disord. 2008;26(3):270-6
- 35. Seo EH, <u>Lee DY</u>, Choo IH, Kim SG, Kim KW, Youn JC, Jhoo JH, Woo JI. Normative study of the Stroop Color and Word Test in an educationally diverse elderly population. Int J Geriatr Psychiatry. 2008;;23(10):1020-1027.
- 36. Kim JK, Kim KW, Park JH, Lee JJ, Huh YS, Lee SB, Choi EA, <u>Lee DY</u>, Woo JI. Impacts of poor social support on general health status in community-dwelling Korean elderly: The results from the Korean Longitudinal Study on Health and Aging. Psychiatry Invest 2008;5:155-162
- 37. Kim JY, Park JH, Lee JJ, Huh YS, Lee SB, Han SK, Choi SW, Lee DY, Kim KW, Woo JI.

- Standardization of the Korean version of the Geriatric Depression Scale: Reliability, validity, and factor structure. Psychiatry Invest 2008;5:232-238
- 38. Choo IH, <u>Lee DY</u>, Lee JH, Kim KW, Jhoo JH, Ju YS, Yoon JC, Kim SG, Ha J, Woo JI. The prevalence of cognitive impairment with no dementia in older people: The Seoul study. Int J Geriatr Psychiatry 2009;24(3):306-312
- 39. Youn JC, Kim KW, Lee DY, Jhoo JH, Lee SB, Park JH, Choi EA, Choe JY, Jeong JW, Choo IH, Woo JI. Development of the Subjective Memory Complaints Questionnaire. Dement Geriatr Cogn Disord. 2009;27(4):310-317
- 40. Lee SB, Park CS, Jeong JW, Choe JY, Hwang YJ, Park CA, Park JH, <u>Lee DY</u>, Jhoo JH, Kim KW. Effects of spaced retrieval training (SRT) on cognitive function in Alzheimer's disease (AD) patients. Arch Gerontol Geriatr 2009;49(2):289-293
- 41. Lee SB, Kim KW, Youn JC, Park JH, Lee JJ, Kim MH, Choi EA, Jhoo JH, Choo IH, Lee DY, Woo JI. Prevalence of Mild Cognitive Impairment and Its Subtypes Are Influenced by the Application of Diagnostic Criteria: Results from the Korean Longitudinal Study on Health and Aging (KLoSHA). Dement Geriatr Cogn Disord. 2009 Jul 17;28(1):23-29
- 42. Kim KW, Choi EA, Lee SB, Park JH, Lee JJ, Huh Y, Youn JC, Jhoo JH, Choo IH, Kim MH, Lee DY, Woo JI. Prevalence and neuropsychiatric comorbidities of alcohol use disorders in an elderly Korean population. Int J Geriatr Psychiatry 2009;24(12):1420-8
- 43. <u>Lee DY</u>, Flectcher E, Martinez O, Ortega M, Zozulya N, Kim J, Tran J, Buonocore M, Carmichael O, DeCarli C. Regional pattern of white matter microstructral changes in normal aging, MCI, and AD. Neurology 2009;73(21):1722-1728
- 44. Choo IH, <u>Lee DY</u>, Oh JS, Lee JS, Lee DS, Song IC, Youn JC, Kim SG, Kim KW, Jhoo JH, Woo JI. Posterior cingulate cortex atrophy and regional cingulum disruption in mild cognitive impairment and Alzheimer's disease. Neurobiol Aging 2010;31(5):772-779
- 45. Seo EH, Lee DY, Lee JH, Choo IH, Kim JW, Kim SG, Park SY, Shin JH, Do YJ, Yoon JC, Jhoo JH, Kim KW, Woo JI. Total Scores of the CERAD Neuropsychological Assessment Battery: Validation for Mild Cognitive Impairment and Dementia Patients With Diverse Etiologies. Am J Geriatr Psychiatry. 2010;18(9):801-809
- 46. <u>Lee DY</u>, Fletcher E, Martinez O, Zozulya N, Kim J, Tran J, Buonocore M, Carmichael O, DeCarli C. Vascular and Degenerative Processes Differentially Affect Regional Interhemispheric connections in Normal Aging, Mild Cognitive Impairment, and Alzheimer Disease. Stroke 2010;41(8):1791-1797
- 47. Kim TH, Huh Y, Choe JY, Jeong JW, Park JH, Lee SB, Lee JJ, Jhoo JH, <u>Lee DY</u>, Woo JI, Kim KW. Korean version of frontal assessment battery: psychometric properties and normative data. Dement Geriatr Cogn Disord. 2010;29(4):363-70.

- 48. Jhoo JH, Lee DY, Choo IH, Seo EH, Oh JS, Lee JS, Lee DS, Song IC, Kim SG, Youn JC, , Kim KW, Woo JI. Discrimination of normal aging, MCI and AD with multimodal imaging easures on the medial temporal lobe. Psychiatry Res. 2010:183(3): 237-243
- 49. He J, Iosif AM, Lee DY, Martinez O, Chu S, Carmichael O, Mortimer JA, Zhao Q, Ding D, Guo Q, Galasko D, Salmon DP, Dai Q, Wu Y, Petersen RC, Hong Z, Borenstein AR, DeCarli C. Brain structure and cerebrovascular risk in cognitively impaired patients: Shanghai Community Brain Health Initiative-pilot phase. Arch Neurol. 2010:67(10):1231-1237
- 50. Lee HS, Choo IH, <u>Lee DY</u>, Kim JW, Seo EH, Kim SG, Park SY, Shin JH, Kim KW, Woo JI. Frontal Dysfunction Underlies Depression in Mild Cognitive Impairment: A FDG-PET Study. Psychiatry Investig. 2010;7(3):208-14
- 51. Han JW, Lee SB, Kim TH, Park JH, Lee JJ, Huh YS, Choi EA, Choe JY, Do YJ, Lee DY, Kim KW. Functional Impairment in the Diagnosis of Mild Cognitive Impairment. Alzheimer Dis Assoc Disord. 2011 Jan 29. [Epub ahead of print]
- 52. Kim KW, Park JH, Kim MH, Kim MD, Kim BJ, Kim SK, Kim JL, Moon SW, Bae JN, Woo JI, Ryu SH, Yoon JC, Lee NJ, Lee DY, Lee DW, Lee SB, Lee JJ, Lee JY, Lee CU, Chang SM, Jhoo JH, Cho MJ. A nationwide survey on the prevalence of dementia and mild cognitive impairment in South Korea. J Alzheimers Dis. 2011;23(2):281-91
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- 56. Lee YK, Sung MR, Lee DY. comorbidity and health habits of Seoul city elders with dementia. J Korean Acad Nurs 2011;41(3):411-422
- 57. Choo IL, <u>Lee DY</u>, Kim JW, Seo EH, Lee DS, Kim YK, Kim SG, Park SY, Woo JI, Yoon EJ. Relationship of amyloid-beta burden with age-at-onset in Alzheimer disease. Am J Geriatr Psychiatry 2011;19(7):627-634
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- 60. Lee YK, Sung MR, <u>Lee DY.</u> Comorbidity and health habits of Seoul city elders with dementia. J Korean Acad Nurs 2011;41(3):411-422
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- 62. Kim JW, Choi YS, Shin KC, Kim OH, <u>Lee DY</u>, Jung MH, Lee BC, Kang TC, Choi IG. The effectiveness of continuing group psychotherapy for outpatients with alcohol dependence: 77-month outcomes. Alcohol Clin Exp Res. 2012 Apr;36(4):686-92
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- 64. Kim JL, Park JH, Kim BJ, Kim MD, Kim SK, Chi YK, Kim TH, Moon SW, Park MH, Bae JN, Woo JI, Ryu SH, Yoon JC, Lee NJ, Lee DY, Lee DW, Lee SB, Lee JJ, Lee CU, Chang SM, Han JW, Jhoo JH, Han CS, Cho MJ, Kim KW. Interactive influences of demographics on the Mini-Mental State Examination (MMSE) and the demographics-adjusted norms for MMSE in elderly Koreans. Int Psychogeriatr 2012;24(4):642-650
- 65. Kim JW, <u>Lee DY</u>, Lee BC, Jung MH, Kim H, Choi YS, Choi IG. Alcohol and Cognition in the Elderly: A Review. Psychiatry Investig 2012;9:1-9
- 66. Chi YK, Kim TH, Han JW, Lee SB, Park JH, Lee JJ, Youn JC, Jhoo JH, <u>Lee DY</u>, Kim KW. Impaired design fluency is a marker of pathological cognitive aging; Results from the Korean Longitudinal study on Health and aging. Psychiatry Investig 2012;9:59-64
- 67. Park JH, Kim KW, Kim MH, Kim MD, Kim BJ, Kim SK, Kim JL, Moon SW, Bae JN, Woo JI, Ryu SH, Yoon JC, Lee NJ, Lee DY, Lee DW, Lee SB, Lee JJ, Lee JY, Lee CU, Chang SM, Jhoo JH, Cho MJ. A nationwide survey on the prevalence and risk factors of late life depression in South Korea. J Affect Disord. 2012 Apr;138(1-2):34-40
- 68. <u>Lee DY</u>, Fletcher E, Carmichal OT, Singh B, Mungas D,, Reed Bruce, Martinez O, Buonocore MH, Persianinova M, DeCarli C. Sub-regional hippocampal injury is associated with fornix degeneration in Alzheimer's disease. Front Aging Neurosci. doi: 10.3389/fnagi.2012.00001..
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- Phospholipase A2 and Cerebral Microbleeds in the Framingham Heart Study. Stroke. 2012;43:3091-3094
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- 74. Seo EH, <u>Lee DY</u>, Lee JM, Park JS, Sohn BK, Lee DS, Choe YM, Woo JI. Whole-brain functional networks in cognitively normal, mild cognitive impairment, and Alzheimer's disease. PLOS One 2013;8(1): e53922.
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- 76. Shon JM, Lee DY, Seo EH, Sohn BK, Kim JW, Park SY, Kim SG, Jhoo JH, Woo JI. Functional neuroanatomical correlates of the executive clock drawing task (CLOX) performance in Alzheimer's disease: a FDG-PET study. Neuroscience. 2013;246:271-80.

## Journal Articles: Domestic

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- 24. <u>Lee DY</u>, Sohn BK. New diagnostic criteria for Alzheimer's disease: NIA-AA diagnostic guidelines. J Korean Geriatr Psychiatry 2012;16:7-12
- 25. Sung MR, Kim KA, <u>Lee DY</u>. Factors influencing burnout in primary family caregivers of elders with dementia. J Korean Gerontol Nurs 14;3:200-208

## Presentations: only for international scientific meetings

- Lee DY, Lee JH, Lee KU, Kim KW, Jhoo JH, Kim JH, Lee KH, Kim SY, Han SH, Woo JI. The Korean version of the Consortium to Establish a Registry for Alzheimer's Disease neuropsychological assessment battery [CERAD-K(N)]: Translation experiences, reliability and validity. Poster presented at the 1<sup>st</sup> International Congress of Vascular Dementia, Oct 3-6 1999, Geneva, Swiss.
- 2. Jhoo JH, Kim KW, <u>Lee DY</u>, Lee KW, Lee JH, Kim SY, Youn JY, Youn JC, Woo JI. Association of alpha-2-macroglobulin deletion polymorphism with Alzheimer's disease in Korean. Poster presented at the 3rd International Congress of Neuropsychiatry, April, 9-13 2000, Kyoto, Japan.
- 3. Lee JH, Lee KU, <u>Lee DY</u>, Kim KW, Jhoo JH, Kim JH, Lee KH, Kim SY, Han SH, Woo JI. Korean version of the Consortium to Establish a Registry for Alzheimer's Disease Assessment Packet (CERAD-K): Clinical and Neuropsychological Assessment Batteries. Poster presented at the 7th International conference on Alzheimer's disease and Related Disorders, Jul 9-18 2000, Washington, USA.
- 4. Youn JC, <u>Lee DY</u>, Kim KW, Lee JH, Jhoo JH, Lee KU, Woo JI. Reliability and validity of the Korean version of Alzheimer's disease assessment scale (ADAS-K). Poster presented at the 10th International Psychogeriatrics, Sep 9-14 2001, Nice, France.
- 5. Youn JC, Jhoo JH, Seo JS, Park WY, Kim KW, <u>Lee DY</u>, Lee JH, Lee KU, Kim SY, Yun KB, Paek YS, Seo EH, Woo JI. Lack of association of interleukin-1A genetic polymorphism with

- Alzheimer's disease in Koreans. J Clin Psychiatry 2002; 63(11):1086 (Poster presented at the 2<sup>nd</sup> Annual meeting of International College of Geriatric Psychoneuropharmacology, October 10-12, 2002, Barcelona, Spain).
- 6. Kim KW, Suh YJ, Park WY, Jhoo JH, <u>Lee DY</u>, Youn JC, Seo JS, Woo JI. Association analysis between choline acetyltransferase (ChAT) polymorphism and Alzheimer's disease using a stochastic search variable selection (SSVS) approach. Neurobiology of Aging. 2004; 25(suppl2):S500 (Poster presented at the 9<sup>th</sup> International Conference on Alzheimer's Disease and Related Disorders, July 17-22, 2004, Philadelphia, USA).
- Lee DY, Choo IH, Kim KW, Jhoo JH, Youn JC, Lee UY, Woo JI. Impact of regional cerebral white matter changes on neuropsychiatric manifestation of Alzheimer's disease. Poster presented at the Workshop on Aging Connections: MRI of Age-Related White Matter Changes in the Brain. International Society for Magnetic Resonance in Medicine, October 21-23, 2004, Boston, USA.
- 8. Choo IH, <u>Lee DY</u>, Jhoo JH, Kim KW, Youn JC, Woo JI. Decreased glucose metabolism of posterior cingulated gyrus in Questionable Dementia (CDR 0.5) with impaired delayed recall. NeuroImage. 2005; 26(suppl1):S57. (Poster presented at the 11<sup>th</sup> Annual Meeting of Organization for Human Brain Mapping, June 12-16, 2005, Toronto, Canada.).
- 9. Choo IH, <u>Lee DY</u>, Youn JC, Kim KW, Jhoo JH, Kim SA, Woo JI. The changes of cerebral glucose metabolism according to the clinical severity of Alzheimer's disease. Poster presented at the Alzheimer's association international conference on prevention of dementia: early diagnosis and intervention. June 18-21, 2005, Washington, D.C., USA.
- 10. Youn JC, <u>Lee DY</u>, Kim KW, Jhoo JH, Choo IH, Woo JI. Global and local changes of grey matter in very mild and mild Alzheimer's disease. Poster presented at the Proceedings of the Japan-Korea Joint Symposium on Alzheimer' Disease, December 2, 2005, Seoul, Korea.
- 11. Choo IH, <u>Lee DY</u>, Youn JC, Jhoo JH, Kim KW, Kim SG, Lee JH, Woo JI. Regional metabolic differences of mild cognitive impairment (MCI) by delayed recall impairment degree. Alzheimer's and Dementia. 2006; 2(suppl1):S287 (Poster presented at the 10<sup>th</sup> International Conference on Alzheimer's Disease and Related Disorders, July 15-20, 2006, Madrid, Spain.
- 12. <u>Lee DY</u>, Choo IH, Seo EH, Youn JC, Kim KW, Jhoo JH, Woo JI. Neural correlates of the clock drawing test performance in patients with Alzheimer's disease: A FDG-PET study. Alzheimer's and Dementia. 2006; 2(suppl1):S333 (Poster presented at the 10<sup>th</sup> International Conference on Alzheimer's Disease and Related Disorders, July 15-20, 2006, Madrid, Spain.)
- 13. Youn JC, Kim KW, <u>Lee DY</u>, Jhoo JH, Choo IH, Paek YS, Jeon YH, Seo KW, Lee JH, Woo JI. Daytime sleepiness and hearing impairment are stronger predictors of subjective memory complaints than objective cognitive function. Alzheimer's and Dementia. 2006; 2(suppl1):S409 (Poster presented at the 10<sup>th</sup> International Conference on Alzheimer's Disease and Related Disorders, July 15-20, 2006, Madrid, Spain.)

- 14. <u>Lee DY</u>, Choo IH, Lee JS, Oh JS, Yoon JC, Kim SG, Noh JY, Woo JI. Apolipoprotein E genotype and white matter integrity in early stage Alzheimer's disease: DTI study. Poster presented at the 6<sup>th</sup> Annual Meeting of International College of Geriatric Psychoneuropharmacology (ICGP), October 3-6, 2006 Hiroshima, Japan.
- 15. Choo IH, <u>Lee DY</u>, Lee JH, Seo EH, Kim KW, Jhoo JH, Youn JC, Kim SM, Woo JI. A Comparison of five scoring methods of clock drawing test for Alzheimer's disease screening. Poster presented at the 6<sup>th</sup> Annual Meeting of International College of Geriatric Psychoneuropharmacology (ICGP), October 3-6, 2006 Hiroshima, Japan.
- 16. Youn JC, <u>Lee DY</u>, Choo IH, Jhoo JH, Kim KW, Lee JH, Woo JI. Changes of regional cerebral glucose metabolism in Alzheimer's disease patients with paranoid delusion. Poster presented at the 6<sup>th</sup> Annual Meeting of International College of Geriatric Psychoneuropharmacology (ICGP), October 3-6, 2006 Hiroshima, Japan.
- 17. Youn JC, <u>Lee DY</u>, Choo IH, Lee JH, Kim KW, Jhoo JH, Paek YS, Jeon YH, Seo KW, Woo JI. Development of the Korean version of behavioral rating scale for dementia (BRSD-K). Poster presented at the 6<sup>th</sup> Annual Meeting of International College of Geriatric Psychoneuropharmacology (ICGP), October 3-6, 2006 Hiroshima, Japan.
- 18. <u>Lee DY</u>, Lee JH, Jhoo JH, Yoon JC, Choo IH, Kim SG, Park SY, Woo JI. The prevalence of cognitive impairment with no dementia in older people: the Seoul study. Poster presented at the 5<sup>th</sup> International Congress on Vascular Dementia, November 8-11, 2007, Budapest, Hungary.
- 19. Choo IH, <u>Lee DY</u>, Oh JS, Lee JS, Lee DS, Song IC, Youn JC, Kim SK, Kim KW, Jhoo JH, Kim TH, Kim JW, Woo JI. Posterior cingulate cortex atrophy and regional cingulum disruption in mild cognitive impairment and Alzheimer's disease. Poster presented at the 11<sup>th</sup> International Conference on Alzheimer's Disease and Related Disorders, July 26-31, 2008, Chicago, US
- 20. <u>Lee DY</u>, Choo IH, Lee JS, Oh JS, Kim KW, Jhoo JH, Youn JC, Kim SK, Kim JW, Woo JI. Apolipoprotein E genotype and white matter integrity in early stage Alzheimer's disease: DTI study. Poster presented at the 11<sup>th</sup> International Conference on Alzheimer's Disease and Related Disorders, July 26-31, 2008, Chicago, US
- 21. Choo IH, <u>Lee DY</u>, Kim YK, Kim SJ, Lee JS, Lee DS, Kim KW, Jhoo JH, Youn JC, Kim JW, Park SY, Woo JI. Influence of the Apolipoprotein E Type 4 Allele on Cerebral Amyloid deposition and Glucose Metabolism in Cognitively Normal Elderly: PIB-PET and FDG-PET Study. Poster presented at the 12<sup>th</sup> International Conference on Alzheimer's Disease and Related Disorders, July, 2009, Vienna, Austria
- 22. Choo IH, <u>Lee DY</u>, Kim YK, Kim SJ, Lee JS, Lee DS, Kim KW, Jhoo JH, Youn JC, Kim JW, Park SY, Woo JI. Imaging of amyloid plaques and cerebral glucose metabolism in mild cognitive impairment. Poster presented at the 12<sup>th</sup> International Conference on Alzheimer's Disease and Related Disorders, July, 2009, Vienna, Austria

- 23. <u>Lee DY</u>, Fletcher E, Martinez O, Zozulya N, Kim J, Tran J, Bunocore M, Carmichael O, DeCarli C. Vascular and degenerative processes differentially affect regional interhemispheric connections in normal aging, mild cognitive impairment, and Alzheimer's disease. Poster presented at the American Academy of Neurology the 62<sup>nd</sup> Annual Meeting, April 10-17, 2010, the Metro Toronto Convention Centre, Toronto, Canada.
- 24. Choo IH, <u>Lee DY</u>, Kim YK, Yoon EJ, Lee DS, Seo EH, Sohn BK, Park SY, Woo JI. Influence of APOE genotype on fibrillary amyloid accumulation in cognitively normal, mild cognitive impairment, and Alzheimer's disease individuals: One year follow-up PIB-PET study. Poster presentation at 2011 Alzheimer's Association International Conference. July 16-21, 2011, Porte de Versailles, Paris, France
- 25. Sohn BK, <u>Lee DY</u>, Choo IH, Seo EH, Bak JH, Kim JW, Woo JI. Combination of cerebral metabolic and cognitive information as a better predictor of the conversion to Alzheimer's disease in mild cognitive impairment: a two-year follow-up study. Poster presentation at 2011 Alzheimer's Association International Conference. July 16-21, 2011, Porte de Versailles, Paris, France
- 26. Seo EH, <u>Lee DY</u>, Park J, Yoon U, Lee J, Choo IH, Kim YK, Kim SG, Park SY, Woo JI. Changes of functional brain network in mild cognitive impairment and Alzheimer's disease: Graph theoretical analysis of brain glucose metabolism. Poster presentation at 2011 Alzheimer's Association International Conference. July 16-21, 2011, Porte de Versailles, Paris, France
- 27. <u>Lee DY</u>, Seo EH, Yun JY, Choo IH, Park SY, Kim SG, Woo JI. Neural correlates of the Stroop test performance in patients with Alzheimer's disease: A FDG-PET study. Poster presentation at 2011 Alzheimer's Association International Conference. July 16-21, 2011, Porte de Versailles, Paris, France
- 28. Sohn BK, <u>Lee DY</u>, Seo EH, Choo IH, Choe YM, Shon JM, Bak JH, Woo JI. Regional gray matter atrophy, hypometabolism, white matter alteration, and cognitive and functional decline as predictors for Alzheimer's disease conversion in mild cognitive impairment. Poster presentation at 2012 Alzheimer's Association International Conference. July 14-19, 2012, Vancouver convention center, Vancouver, Canada
- 29. Seo EH, Lee DY, Lee JM, Park JS, Sohn BK, Choo IL, Lee DS, Choe YM, Woo JI. Altered whole brain functional network in cognitively normal elderly with genetic risk for Alzheimer's disease. Poster presentation at 2012 Alzheimer's Association International Conference. July 14-19, 2012, Vancouver convention center, Vancouver, Canada
- 30. Seo EH, <u>Lee DY</u>, Choo IH, Sohn BK, Kim JW, Kim YK, Yoon EJ, Woo JI. Relationships between global cognitive dysfunction and three major neuroimaging biomarkers in cognitively normal, mild cognitive impairment and Alzheimer's disease. Poster presentation at 2012 Alzheimer's Association International Conference. July 14-19, 2012, Vancouver convention

- center, Vancouver, Canada
- 31. Kim JW, <u>Lee DY</u>, Seo EH, Sohn BK, Prk SY, Choo IH, Youn JC, Jhoo JH, Kim KW, Woo JI. Improvement of dementia screening accuracy of Mini-Mental State Examination(MMSE) by education-adjustment and supplementation of Frontal Assessment Battery (FAB) Performance. Poster presentation at 2012 Alzheimer's Association International Conference. July 14-19, 2012, Vancouver convention center, Vancouver, Canada
- 32. Shon JM, <u>Lee DY</u>, Seo EH, Sohn BK, Kim JW, Park SY, Kim SG, Youn JC, Woo JI. Neuroanatomical correlates of the CLOX in Alzheimer's disease: a FDG-PET study. Poster presentation at 2012 Alzheimer's Association International Conference. July 14-19, 2012, Vancouver convention center, Vancouver, Canada
- 33. <u>Lee DY</u>, Kim KW, Jhoo JH, Ryu SH, Choo IH, Seo EH, Bak JH, Park JS, Lee JM, Yun HJ, Woo JI. Multi-center, randomized, placebo-controlled, double-blind clinical trial of escitalopram on the atrophy delaying effect in Alzheimer's disease. Poster presentation at 2012 Alzheimer's Association International Conference. July 14-19, 2012, Vancouver convention center, Vancouver, Canada
- 34. <u>Lee DY</u>, Seo EH, Sohn BK, Choe YM, Woo JI. Comparison of neuropsychiatric manifestations between frontal variant of frontotemporal dementia, semantic dementia, and Alzheimer's disease. Poster presentation at the 8<sup>th</sup> International Conference on Frontotemporal Dementias, September 5-7 2012, Manchester, UK
- 35. Choe YM, Lee DY, Sohn BK, Choi HJ, Byun MS, Seo EH, Han JI, Kim YK, Yoon EJ, Lee JM, Park JS, Woo JI. Association of homocysteine with hippocampal volume independent of cerebral amyloid and vascular burden in normal aging, MCI, and AD. Oral and poster presentation at 2013 Alzheimer's Association International Conference, July 13-18 2013, Boston, USA.
- 36. Choi HJ, <u>Lee DY</u>, Seo EH, Sohn BK, Choe YM, Byun MS, Woo JI. Association of low serum apolipoprotein A1 with beta-amyloid independent amnestic mild cognitive impairment. Oral and poster presentation at 2013 Alzheimer's Association International Conference, July 13-18 2013, Boston, USA.
- 37. Yi DH, Lee DY, Sohn BK, Choe YM, Seo EH, Choo IH, Woo JI. Beta-amyloid associated differential effects of APOE ε 4 on brain metabolism in healthy elderly. Oral and poster presentation at 2013 Alzheimer's Association International Conference, July 13-18 2013, Boston, USA.
- 38. Han JY, <u>Lee DY</u>, Seo EH, Lee JH, Choo IH, Kim JW, Kim SG, Park SY, Shin JH, Do YJ, Yoon JC, Jhoo JY, Kim KW, Sohn BK, Choe YM, Choi HJ, Yi DH, Woo JI. Norms for Total scores of the CERAD Neuropsychological Assessment Battery in an educationally diverse elderly population. Poster presentation at 2013 Alzheimer's Imaging Consortium, July 13-18 2013, Boston, USA.

- 39. <u>Lee DY</u>, Kim JW, Seo EH, Sohn BK, Choe YM, Kim SG, Park SY, Choo IH, Youn JC, Jhoo JH, Kim KW, Woo JI. Improvement of Screening Accuracy of Mini-Mental State Examination (MMSE) for Mild Cognitive Impairment (MCI) and Dementia by Supplementation of Verbal Fluency Performance. Poster presentation at 2013 Alzheimer's Association International Conference, July 13-18 2013, Boston, USA.
- 40. Developing a Clinic-based Caregiver Support Program for Early- and Mid-Stage Dementia. Park MH, Byun MS, <u>Lee DY</u>, Youn JC, Sung MR, Sohn BK. Poster presentation at 2013 Alzheimer's Association International Conference, July 13-18 2013, Boston, USA.
- 41. Risk Factors for Family Caregiver Burden: Results from a Large Community Dataset. Park MH, Lee DY, Sung MR, Kim SK, Kim SJ. Poster presentation at 2013 Alzheimer's Association International Conference, July 13-18 2013, Boston, USA.
- 42. Preliminary evaluation of the multi-component cognitive intervention program for the patients with amnestic mild cognitive impairment and their family partners. Lee KM, <u>Lee DY</u>, Sohn BK, Choe YM, Woo JI. Poster presentation at 2013 Alzheimer's Association International Conference, July 13-18 2013, Boston, USA.

## Invited lectures: only for international scientific meetings

- 1. Impacts of subsyndromal depression in late-life: clinically significant? At the 9<sup>th</sup> Annual Meeting of the International College of Geriatric Psychopharmacology, November 4-7,2009, Baltimore, Maryland, USA
- 2. Regional pattern of white matter microstructural changes in MCI and AD. At the 10<sup>th</sup> Annual Meeting of the International College of Geriatric Psychopharmacology, September 15-18, 2010, Athens, Greece
- 3. Relationship of amyloid-beta burden with age-at-onset in Alzheimer's disease. At the 5th Annual Human Amyloid Imaging meeting, January 14-15, 2011, Miami, USA
- 4. Current situations for running AD trials in Korea. At the Bapineuzumab Asian Clinical Trial Expert Panel, June 17-18, Hangzhou, China

#### **Books**

- Diary of My Analysis with Sigmund Freud (by Smiley Blanton: translation into Korean). 1999,
   Sol Press, Seoul, Korea
- 2. Dementia, Telling a Hope. 2002, Chosun ilbo, Seoul, Korea
- 3. CERAD-K (the Korean version of the Consortium to Establish a Registry for Alzheimer's Disease Assessment Packet). 2003, Seoul National Univ. Press, Seoul, Korea
- 4. Health and Clinical Examination for the Elderly. 2004, Seoul National Univ. Press, Seoul, Korea
- 5. Dementia Care Assessment Packet. 2006, Won Publishing Co., Seoul, Korea
- 6. Care Techniques for the disabled elderly and dementia patients 2009, Won Publishing Co.,

Seoul, Korea

7. Alzheimer's Disease Guidebook for Caregivers 2013, Won Publishing Co., Seoul, Korea