

- E, Sánchez-Juan P, Combarros O, Moreno F, Gorostidi A, Elcoroaristizabal X, Baquero M, Coto E, Sánchez-Valle R, Clarimón J; dementia genetic Spanish consortium (DEGESCO)(2014) Assessing the role of the *TREM2* p. R47H variant as a risk factor for Alzheimer's disease and frontotemporal dementia. *Neurobiol Aging* **35**, 444.e1-e4.
- [19] Cuyvers E, Bettens K, Philtjens S, Van Langenhove T, Gijssels I, van der Zee J, Engelborghs S, Vandenbulcke M, Van Dongen J, Geerts N, Maes G, Mattheijssens M, Peeters K, Cras P, Vandenberghe R, De Deyn PP, Van Broeckhoven C, Cruts M, Sleegers K; BELNEU consortium (2014) Investigating the role of rare heterozygous *TREM2* variants in Alzheimer's disease and frontotemporal dementia. *Neurobiol Aging* **35**, 726.e11-e19.
- [20] Pottier C, Wallon D, Rousseau S, Rovelet-Lecrux A, Richard AC, Rollin-Sillaire A, Frebourg T, Campion D, Hannequin D (2013) *TREM2* R47H variant as a risk factor for early-onset Alzheimer's disease. *J Alzheimers Dis* **35**, 45-49.
- [21] Yu JT, Jiang T, Wang YL, Wang HF, Zhang W, Hu N, Tan L, Sun L, Tan MS, Zhu XC, Tan L (2014) Triggering receptor expressed on myeloid cells 2 variant is rare in late-onset Alzheimer's disease in Han Chinese individuals. *Neurobiol Aging* **35**, 937.e1-3.
- [22] Miyashita A, Arai H, Asada T, Imagawa M, Shoji M, Higuchi S, Urakami K, Toyabe S, Akazawa K, Kanazawa I, Ihara Y, Kuwano R (2009) GAB2 is not associated with late-onset Alzheimer's disease in Japanese. *Eur J Hum Genet* **17**, 682-686.
- [23] McKhann G, Drachman D, Folstein M, Katzman R, Price D, Stadlan EM (1984) Clinical diagnosis of Alzheimer's disease: Report of the NINCDS-ADRDA Work Group under the auspices of Department of Health and Human Services Task Force on Alzheimer's Disease. *Neurology* **34**, 939-944.
- [24] Folstein MF, Folstein SE, McHugh PR (1975) "Mini-mental state". A practical method for grading the cognitive state of patients for the clinician. *J Psychiatr Res* **12**, 189-198.
- [25] Morris JC (1993) The Clinical Dementia Rating (CDR): Current version and scoring rules. *Neurology* **43**, 2412-2414.
- [26] Reisberg B (1988) Functional assessment staging (FAST). *Psychopharmacol Bull* **24**, 653-659.
- [27] Wen Y, Miyashita A, Kitamura N, Tsukie T, Saito Y, Hattuta H, Murayama S, Kakita A, Takahashi H, Akatsu H, Yamamoto T, Kosaka K, Yamaguchi H, Akazawa K, Ihara Y, Kuwano R (2013) SORL1 is genetically associated with neuropathologically characterized late-onset Alzheimer's disease. *J Alzheimers Dis* **35**, 387-394.
- [28] Kuwano R, Miyashita A, Arai H, Asada T, Imagawa M, Shoji M, Higuchi S, Urakami K, Kakita A, Takahashi H, Tsukie T, Toyabe S, Akazawa K, Kanazawa I, Ihara Y; Japanese Genetic Study Consortium for Alzheimer's Disease (2006) Dynamin-binding protein gene on chromosome 10q is associated with late-onset Alzheimer's disease. *Hum Mol Genet* **15**, 2170-2182.
- [29] Kitamura N, Akazawa K, Miyashita A, Kuwano R, Toyabe S, Nakamura J, Nakamura N, Sato T, Hoque MA (2009) Programs for calculating the statistical powers of detecting susceptibility genes in case-control studies based on multi-stage designs. *Bioinformatics* **25**, 272-273.
- [30] Colonna M (2003) TREMs in the immune system and beyond. *Nat Rev Immunol* **3**, 445-453.
- [31] Hickman SE, Kingery ND, Ohsumi TK, Borowsky ML, Wang LC, Means TK, El Khoury J (2013) The microglial sensome revealed by direct RNA sequencing. *Nat Neurosci* **16**, 1896-1905.
- [32] Paradowska-Gorycka A, Jurkowska M (2013) Structure, expression pattern and biological activity of molecular complex TREM-2/DAP12. *Hum Immunol* **74**, 730-737.
- [33] Lee CY, Landreth GE (2010) The role of microglia in amyloid clearance from the AD brain. *J Neural Transm* **117**, 949-960.
- [34] Rohn TT (2013) The triggering receptor expressed on myeloid cells 2: "TREM-ming" the inflammatory component associated with Alzheimer's disease. *Oxid Med Cell Longev* **2013**, 860959.
- [35] Miyashita A, Arai H, Asada T, Imagawa M, Matsubara E, Shoji M, Higuchi S, Urakami K, Kakita A, Takahashi H, Toyabe S, Akazawa K, Kanazawa I, Ihara Y, Kuwano R; Japanese Genetic Study Consortium for Alzheimer's Disease (2007) Genetic association of CTNNA3 with late-onset Alzheimer's disease in females. *Hum Mol Genet* **16**, 2854-2869.

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