

Publications Rotterdam Study

2005

Alizadeh BZ, Njajou OT, Bijkerk C, Meulenbelt I, Wildt SC, Hofman A, Pols HP, Slagboom PE, van Duijn CM. Evidence for a role of the genomic region of the gene encoding for the alpha1 chain of type IX collagen (COL9A1) in hip osteoarthritis: a population-based study. *Arthritis Rheum* 2005;52:1437-42.

Arias-Vasquez A, Sayed-Tabatabaei FA, Schut AF, Hofman A, Bertolli-Avella AM, Vergeer JM, Aulchenko YS, Witteman JCM, Van Duijn CM. Angiotensin converting enzyme gene, smoking and mortality in a population-based study. *Eur J Clin Invest* 2005; 35:444-9.

Assink JJ, Klaver CC, Houwing-Duistermaat JJ, Wolfs RC, van Duijn CM, Hofman A, de Jong PT. Heterogeneity of the genetic risk in age-related macular disease: a population-based family risk study. *Ophthalmology* 2005;112:482-7.

Bergink AP, Uitterlinden AG, van Leeuwen JP, Hofman A, Verhaar JA, Pols HA. Bone mineral density and vertebral fracture history are associated with incident and progressive radiographic knee osteoarthritis in elderly men and women: the Rotterdam Study. *Bone* 2005;37:446-56.

Bleumink GS, Schut AF, Sturkenboom MC, Janssen JA, Witteman JC, Van Duijn CM, Hofman A, Stricker BH. A promoter polymorphism of the insulin-like growth factor-I gene is associated with left ventricular hypertrophy. *Heart* 2005;91:239-40.

Bleumink GS, Schut AF, Sturkenboom MC, van Duijn CM, Deckers JW, Hofman A, Kingma JH, Witteman JC, Stricker BH. Mortality in patients with hypertension on angiotensin-I converting enzyme (ACE)-inhibitor treatment is influenced by the ACE insertion/deletion polymorphism. *Pharmacogenet Genomics* 2005;15:75-81.

Bots ML, Grobbee DE, Hofman A, Witteman JC. Common carotid intima-media thickness and risk of acute myocardial infarction. The role of lumen diameter. *Stroke* 2005;36:762-7.

Brugts JJ, Knetsch AMK, Mattace-Raso FUS, Hofman A, Witteman JCM. Renal function and the risk of myocardial infarction. The Rotterdam Study. *Arch Intern Med* 2005;165:2659-65.

Bunce C, Hitchings RA, Duijn CM van, Jong PTVM de, Vingerling JR. Associations between the deletion polymorphism of the angiotensin 1-converting enzyme gene and ocular signs of primary open-angle glaucoma. *Graefes Arch Clin Exp Ophthalmol* 2004;42:294-9.

Claassen M, Nouwen J, Fank Y, Ott A, Verburgh H, Hofman A, van Belkum A, Uitterlinden A. Staphylococcus aureus nasal carriage is not associated with known polymorphism in the Vitamin D receptor gene. *FEMS Immunol Med Microbiol* 2005;43:173-6.

Dahaghin S, Bierma-Zeinstra SM, Reijman M, Pols HA, Hazes JM, Koes BW. Prevalence and determinants of a one month hand pain and hand related disability in the elderly (Rotterdam study). *Ann Rheum Dis* 2005;64:99-104.

De Laet C, Kanis JA, Oden A, Johanson H, Kohnell O, Delmas P, Eisman JA, Kroger H, Fujiwara S, Garnero P, McCloskey EV, Mellstrom D, Melton JL 3rd, Meunier PJ, Pols HA, Reeve J, Silman A, Tenenhouse A. Body mass index as a predictor of fracture risk: a meta-analysis. *Osteoporos Int* 2005;16:1330-8.

Dijk EJ van, Prins ND, Vermeer SE, Vrooman HA, Hofman A, Koudstaal PJ, Breteler MMB. C-reactive protein and cerebral small vessel disease. The Rotterdam Study. *Circulation* 2005;112:900-5.

Elzen AP van den, Sierksma A, Oren A, Vos LE, Witteman JCM, Grobbee DE, Hendriks HF, Uiterwaal CS, Bots ML. Alcohol intake and aortic stiffness in young men and women. *J Hypertens* 2005;23:731-5].

Engelhart MJ, Ruitenberg A, Meijer J, Kiliaan AJ, van Swieten JC, Hofman A, Witteman JCM, Breteler MMB. Plasma levels of antioxidants are not associated with Alzheimer's disease or cognitive decline: a population-based study. *Dement Geriatr Cogn Disord* 2005;19:134-9.

Fang Y, van Meurs JB, d'Alesio A, Jhamai M, Zhao H, Rivadeneira F, Hofman A, van Leeuwen JP, Jehan F, Pols HA, Uitterlinden AG. Promoter and 3'-untranslated-region haplotypes in the vitamin D receptor gene predispose to osteoporotic fracture: the Rotterdam Study. *Am J Hum Genet* 2005;77:807-23.

Gonzalez-Zuloeta Ladd AM, Vasquez AA, Sayed-Tabatabaei FA, Coebergh JW, Hofman A, Njajou O, Stricker B, van Duijn C. Angiotensin-converting enzyme gene insertion/deletion polymorphism and breast cancer risk. *Cancer Epidemiol Biomarkers Prev* 2005;14:2143-6.

Heijer T den, Launer LJ, Prins ND, van Dijk EJ, Vermeer SE, Hofman A, Koudstaal PJ, Breteler MMB. Association between blood pressure, white matter lesions, and atrophy of the medial temporal lobe. *Neurology* 2005;64:263-7.

Heijer T den, Hofman A, Koudstaal PJ, Breteler MMB. Serum lipids and hippocampal volume: The link to Alzheimer's disease? Letter, *Ann Neurol* 2005;57:779-80.

Ikram MK, de Voogd S, Wolfs RC, Hofman A, Breteler MM, Hubbard LD, de Jong PT. Retinal vessel diameters and incident open-angle glaucoma and optic disc changes: the Rotterdam Study. *Invest Ophthalmol Vis Sci* 2005;46:1182-7.

Ikram MK, van Leeuwen R, Vingerling JR, Hofman A, de Jong PT. Retinal vessel diameters and the risk of incident age-related macular disease: the Rotterdam Study. *Ophthalmology* 2005;112:548-52.

Lau LML de, Koudstaal PJ, van Meurs JBJ, Uitterlinden AG, Hofman A, Breteler MMB. Methylene tetrahydrofolate reductase C677T genotype and PD. *Ann Neurol* 2005;57:927-30

Lau LML de, Bornebroek M, Witteman JCM, Hofman A, Koudstaal PJ, Breteler MMB. Dietary fatty acids and the risk of Parkinson's disease. The Rotterdam Study. *Neurology* 2005;64:2040-5.

Lau LML de, Schipper CMA, Hofman A, Koudstaal PJ, Breteler MMB. Prognosis of Parkinson disease: risk of dementia and mortality. The Rotterdam Study. *Arch Neurol* 2005;62:1265-9.

Lau LML de, Koudstaal PJ, Hofman A, Breteler MM. Serum uric acid levels and the risk of Parkinson disease. *Ann Neurol* 2005;58:797-800.

Leeuwen R van, Boekhoorn S, Vingerling JR, Witteman JCM, Klaver CCW, Hofman A, de Jong PTVM. Dietary intake of antioxidants and risk of age-related macular degeneration. *JAMA* 2005;294:3101-7.

Liefde II, de, van der Klift M, de Laet CE, van Daele PL, Hofman A, Pols HA. Bone mineral density and fracture risk in type-2 diabetes mellitus; the Rotterdam Study. *Osteoporos Int* 2005;16:1713-20.

Nilsson LG, Söderlund H, Berger K, Breteler MMB, de Ridder M, Dufouil C, Fuhrer R, Giampaoli S, Hofman A, Pajak A, Sans S, Schmidt R, Launer LJ. Cognitive test battery of Cascade: Tasks and Data. *Aging, Neuropsychology and Cognition* 2005;12:32-56.

Oei HS, van der Meer IM, Hofman A, Koudstaal PJ, Stijnen T, Breteler MMB, Witteman JCM. Lipoprotein-associated phospholipase A2 activity is associated with risk of coronary heart disease and ischemic stroke. The Rotterdam Study. *Circulation* 2005;111:570-5.

Oei HH, Sayed-Tabatabaei FA, Hofman A, Oudkerk M, Van Duijn CM, Witteman JCM. The association between angiotensin-converting enzyme gene polymorphism and coronary calcification The Rotterdam Coronary Calcification Study. *Atherosclerosis* 2005; 182:169-73.

Oijen M van, Witteman JC, Hofman A, Koudstaal PJ, Breteler MM. Fibrogen is associated with an increases risk of Alzheimer disease and vascular dementia. *Stroke* 2005;36:2637-41.

Ooijen PM van, Vliegenthart R, Witteman JC, Oudkerk M. Influence of scoring parameter settings on Agatston and volume scores for coronary calcification. *Eur Radiol* 2005;15:102-10.

Prins ND, van Dijk EJ, den Heijer T, Vermeer S, Jolles J, Koudstaal PJ, Hofman A, Breteler MMB. Cerebral small vessel disease and decline in information processing speed and memory. *Brain* 2005;128:2034-41.

Reijman M, Bierma-Zeinstra SM, Pols HA, Koes BW, Stricker BH, Hazes JM. Is there an association between the use of different types of nonsteroidal anti-inflammatory drugs and radiologic progression of osteoarthritis? The Rotterdam Study. *Arthritis Rheum* 2005;52:3137-42.

Reijman M, Hazes JM, Pols HA, Bernsen RM, Koes BW, Bierma-Zeinstra SM. Role of radiography in predicting progression of osteoarthritis of the hip: prospective cohort study. *BMJ* 2005;330:1183.

Reijman M, Hazes JM, Pols HA, Koes BW, Bierma-Zeinstra SM. Acetabular dysplasia predicts incident osteoarthritis of the hip: the Rotterdam Study. *Arthritis Rheum* 2005;52:787-93.

Ronde W de, van der Schouw YT, Pierik FH, Pols HA, Muller M, Grobbee DE, Gooren LJ, Weber RF, de Jong FH. Serum levels of sex hormone-binding globulin (SBHG) are not associated with lower levels of non-SHBG-bound testosterone in male newborns and healthy adult men. *Clin Endocrinol (Oxf)* 2005;62:498-503.

Ruitenbergh A, den Heijer T, Bakker SLM, van Swieten JC, Koudstaal PJ, Hofman A, Breteler MMB. Cerebral hypoperfusion precedes clinical onset of dementia: the Rotterdam Study. *Ann Neurol* 2005;57:789-94.

Sayed-Tabatabaei FA, Schut AF, Vasquez AA, Bertoli-Avella AM, Hofman A, Witteman JC, Van Duijn CM. Angiotensin converting enzyme gene polymorphism and cardiovascular morbidity and mortality: the Rotterdam Study. *J Med Genet* 2005;42:26-30

Schelleman H, Klungel OH, Van Duijn CM, Witteman JCM, Hofman A, De Boer A, Stricker BH. Insertion/deletion polymorphism of the ACE gene and adherence to ACE inhibitors. *Br J Clin Pharmacol* 2005;59:483-5.

Schuit SC, de Jong FH, Stolk L, Koek WN, van Meurs JB, Schoofs MW, Zillikens MC, Hofman A, van Leeuwen JP, Pols HA, Uitterlinden AG. Estrogen receptor alpha gene polymorphisms are associated with estradiol levels in postmenopausal women. *Eur J Endocrinol* 2005;153:327-34.

Skenduli-Bala E, de Voogd S, Wolfs RC, van Leeuwen R, Ikram MK, Jonas JB, Bakker D, Hofman A, de Jong PT. Causes of incident visual field loss in a general elderly population; the Rotterdam Study. *Arch Ophthalmol* 2005;123:233-8.

Sleegers K, den Heijer T, van Dijk EJ, Hofman A, Bertoli-Avella AM, Koudstaal PJ, Breteler MM, van Duijn CM. ACE gene is associated with Alzheimer's disease and atrophy of hippocampus and amygdala. *Neurobiol Aging* 2005;26:1153-9.

Tiemeier H, Schuit SC, den Heijer T, van Meurs JB, van Tuijl HR, Hofman A, Breteler MM, Pols HA, Uitterlinden AG. Estrogen receptor alpha gene polymorphisms and anxiety disorder in an elderly population. *Mol Psychiatry* 2005;10:806-7.

Tiemeier H, Breteler MM, Hofman A, Stijnen T. A multivariate score objectively assessed health of depressed elderly. *J Clin Epidemiol* 2005;58:1134-41.

Visser LE, van Schaik RH, van Vliet M, Tirenekens PH, De Smet PA, Vulto AG, Hofman A, van Duijn CM, Stricker BH. Allelic variants of cytochrome P450 2C9 modify the interaction between nonsteroidal anti-inflammatory drugs and coumarin anticoagulants. *Clin Pharmacol Ther* 2005;77:479-85.

Visser LE, Tirenekens PH, De Smet PA, Vulto AG, Hofman A, van Duijn CM, Stricker BH. Patients with an ApoE epsilon4 allele require lower doses of coumarin anticoagulants. *Pharmacogenet Genomics* 2005;15:69-74.

Vliegenthart R, Oudkerk M, Hofman A, Oei HHS, Van Dijck W, Van Rooij F, Witteman JCM. Coronary calcification improves cardiovascular risk prediction in a population of older adults. *Circulation* 2005;112:572-7.

Voogd S de, Ikram MK, Wolfs RC, Jansonius NM, Hofman A, de Jong PT. Incidence of open-angle glaucoma in a general elderly population: the Rotterdam Study. *Ophthalmology* 2005;112:1487-93.