

Publications for Carol Dobson-Stone

2019

Tan, R., Guennewig, B., Dobson-Stone, C., Kwok, J., Kril, J., Kiernan, M., Hodges, J., Piguët, O., Halliday, G. (2019). The underacknowledged PPA-ALS: A unique clinicopathologic subtype with strong heritability. *Neurology*, 92(12), e1354-e1366. [More Information]

2018

Zhang, M., Ferrari, R., Tartaglia, M., Keith, J., Surace, E., Wolf, U., Sato, C., Grinberg, M., Liang, Y., Dobson-Stone, C., Halliday, G., Hodges, J., Piguët, O., et al (2018). A C6orf10/LOC101929163 locus is associated with age of onset in C9orf72 carriers. *Brain*, 141(10), 2895-2907. [More Information]

Kim, W., Fu, Y., Dobson-Stone, C., Hsiao, J., Shang, K., Hallupp, M., Schofield, P., Garner, B., Karl, T., Kwok, J. (2018). Effect of Fluvoxamine on Amyloid-beta Peptide Generation and Memory. *Journal of Alzheimer's Disease*, 62(4), 1777-1787. [More Information]

Atashrazm, F., Hammond, D., Perera, G., Dobson-Stone, C., Mueller, N., Pickford, R., Kim, W., Kwok, J., Lewis, S., Halliday, G., Dzamko, N. (2018). Reduced glucocerebrosidase activity in monocytes from patients with Parkinson's disease. *Scientific Reports*, 8(1), 1-12. [More Information]

2017

Tan, R., Yang, Y., Kim, W., Dobson-Stone, C., Kwok, J., Kiernan, M., Halliday, G. (2017). Distinct TDP-43 inclusion morphologies in frontotemporal lobar degeneration with and without amyotrophic lateral sclerosis. *Acta Neuropathologica Communications*, 5(76), 1-7. [More Information]

Dobson-Stone, C., Kwok, J. (2017). Finding MAPT Mutations in Frontotemporal Dementia and Other Tauopathies. *Methods in Molecular Biology*, 1523, 307-324. [More Information]

Van Langenhove, T., Piguët, O., Burrell, J., Leyton, C., Foxe, D., Abela, M., Bartley, L., Kim, W., Jary, E., Huang, Y., Hodges, J., et al (2017). Predicting development of amyotrophic lateral sclerosis in frontotemporal dementia. *Journal of Alzheimer's Disease*, 58(1), 163-170. [More Information]

2016

Williams, K., Topp, S., Yang, S., Smith, B., Fifita, J., Warraich, S., Zhang, K., Farrarwell, N., Vance, C., Dobson-Stone, C., Cole, N., Nicholson, G., et al (2016). CCNF mutations in amyotrophic lateral sclerosis and frontotemporal dementia. *Nature Communications*, 7, 1-8. [More Information]

Outhred, T., Das, P., Dobson-Stone, C., Felmingham, K., Bryant, R., Nathan, P., Malhi, G., Kemp, A. (2016). Impact of 5-HTTLPR on SSRI serotonin transporter blockade during emotion regulation: A preliminary fMRI study. *Journal of Affective Disorders*, 196, 11-19. [More Information]

Coupland, K., Kim, W., Halliday, G., Hallupp, M., Dobson-Stone, C., Kwok, J. (2016). Role of the long non-coding RNA MAPT-AS1 in regulation of microtubule associated protein tau (MAPT) expression in Parkinson's disease. *PLoS One*, 11(6), 1-14. [More Information]

Halliday, G., Kiernan, M., Kril, J., Mito, R., Masuda-Suzukake, M., Hasegawa, M., McCann, H., Bartley, L., Dobson-Stone, C., Kwok, J., et al (2016). TDP-43 in the hypoglossal nucleus identifies amyotrophic lateral sclerosis in behavioral variant frontotemporal dementia. *Journal of the Neurological Sciences*, 366, 197-201. [More Information]

2015

Devenney, E., Foxe, D., Dobson-Stone, C., Kwok, J., Kiernan, M., Hodges, J. (2015). Clinical heterogeneity of the C9orf72 genetic mutation in frontotemporal dementia. *Neurocase*, 21(4), 535-541. [More Information]

Coupland, K., Kim, W., Halliday, G., Hallupp, M., Dobson-Stone, C., Kwok, J. (2015). Effect of PSEN1 mutations on MAPT methylation in early-onset Alzheimer's disease. *Current Alzheimer Research*, 12(8), 745-751. [More Information]

Dobson-Stone, C., Shaw, A., Hallupp, M., Bartley, L., McCann, H., Brooks, W., Loy, C., Schofield, P., Halliday, G., et al (2015). Is CHCHD10 Pro34Ser pathogenic for frontotemporal dementia and amyotrophic lateral sclerosis? *Brain*, 138(10), e385-e385. [More Information]

Moul, C., Dobson-Stone, C., Brennan, J., Hawes, D., Dadds, M. (2015). Serotonin 1B Receptor Gene (HTR1B) Methylation as a Risk Factor for Callous-Unemotional Traits in Antisocial Boys. *PLoS One*, 10(5), 1-15. [More Information]

2014

Tan, R., Devenney, E., Dobson-Stone, C., Kwok, J., Hodges, J., Kiernan, M., Halliday, G., Hornberger, M. (2014). Cerebellar Integrity in the Amyotrophic Lateral Sclerosis - Frontotemporal Dementia Continuum. *PLoS One*, 9(8), 1-10. [More Information]

Ferrari, R., Hernandez, D., Nalls, M., Rohrer, J., Ramasamy,

A., Kwok, J., Dobson-Stone, C., Brooks, W., Schofield, P., Halliday, G., et al (2014). Frontotemporal dementia and its subtypes: A genome-wide association study. *The Lancet Neurology*, 13(7), 686-699. [More Information]

Dadds, M., Moul, C., Cauchi, A., Dobson-Stone, C., Hawes, D., Brennan, J., Ebstein, R. (2014). Methylation of the oxytocin receptor gene and oxytocin blood levels in the development of psychopathy. *Development and Psychopathology*, 26(1), 33-40. [More Information]

Dadds, M., Moul, C., Cauchi, A., Dobson-Stone, C., Hawes, D., Brennan, J., Urwin, R., Ebstein, R. (2014). Polymorphisms in the oxytocin receptor gene are associated with the development of psychopathy. *Development and Psychopathology*, 26(1), 21-31. [More Information]

Outhred, T., Das, P., Dobson-Stone, C., Felmingham, K., Bryant, R., Nathan, P., Malhi, G., Kemp, A. (2014). The impact of 5-HTTLPR on acute serotonin transporter blockade by escitalopram on emotion processing: Preliminary findings from a randomised, crossover fMRI study. *Australian and New Zealand Journal of Psychiatry*, 48(12), 1115-1125. [More Information]

Myers, A., Williams, L., Gatt, J., McAuley-Clark, E., Dobson-Stone, C., Schofield, P., Nemeroff, C. (2014). Variation in the oxytocin receptor gene is associated with increased risk for anxiety, stress and depression in individuals with a history of exposure to early life stress. *Journal of Psychiatric Research*, 59, 93-100. [More Information]

2013

Moul, C., Dobson-Stone, C., Brennan, J., Hawes, D., Dadds, M. (2013). An Exploration of the Serotonin System in Antisocial Boys with High Levels of Callous-Unemotional Traits. *PLoS One*, 8(2), 1-10. [More Information]

Dobson-Stone, C., Hallupp, M., Loy, C., Thompson, E., Haan, E., Sue, C., Panegyres, P., Razquin, C., Seijo-Martinez, M., Rene, R., et al (2013). C9ORF72 repeat expansion in Australian and Spanish frontotemporal dementia patients. *PLoS One*, 8(2), 1-6. [More Information]

Dang, T., Dobson-Stone, C., Glaros, E., Kim, W., Hallupp, M., Bartley, L., Piguet, O., Hodges, J., Halliday, G., Double, K., et al (2013). Endogenous progesterone levels and frontotemporal dementia: Modulation of TDP-43 and Tau levels in vitro and treatment of the A315T TARDBP mouse model. *Disease Models and Mechanisms*, 6(5), 1198-1204. [More Information]

Dobson-Stone, C., Luty, A., Thompson, E., Blumbergs, P., Brooks, W., Short, C., Field, C., Panegyres, P., Hecker, J., Halliday, G., et al (2013). Frontotemporal dementia-amyotrophic lateral sclerosis syndrome locus on chromosome 16p12.1-q12.2: Genetic, clinical and neuropathological analysis. *Acta Neuropathologica*, 125(4), 523-533. [More Information]

Information]

Dobson-Stone, C., Polly, P., Korgaonkar, M., Williams, L., Gordon, E., Schofield, P., Mather, K., Armstrong, N., Wen, W., Sachdev, P., et al (2013). GSK3B and MAPT polymorphisms are associated with grey matter and intracranial volume in healthy individuals. *PLoS One*, 8(8), 1-7. [More Information]

Irish, M., Devenney, E., Wong, S., Dobson-Stone, C., Kwok, J., Piguet, O., Hodges, J., Hornberger, M. (2013). Neural substrates of episodic memory dysfunction in behavioural variant frontotemporal dementia with and without C9ORF72 expansions. *NeuroImage: Clinical*, 2(1), 836-843. [More Information]

2012

Porter, M., Dobson-Stone, C., Kwok, J., Schofield, P., Beckett, W., Tassabehji, M. (2012). A Role for Transcription Factor GTF2IRD2 in Executive Function in Williams-Beuren Syndrome. *PLoS One*, 7(10), 1-11. [More Information]

Dobson-Stone, C., Hallupp, M., Bartley, L., Shepherd, C., Halliday, G., Schofield, P., Hodges, J., Kwok, J. (2012). C9ORF72 repeat expansion in clinical and neuropathologic frontotemporal dementia cohorts. *Neurology*, 79(10), 995-1001. [More Information]

Quinn, C., Dobson-Stone, C., Outhred, T., Harris, A., Kemp, A. (2012). The contribution of BDNF and 5-HTT polymorphisms and early life stress to the heterogeneity of major depressive disorder: A preliminary study. *Australian and New Zealand Journal of Psychiatry*, 46(1), 55-63. [More Information]

Outhred, T., Das, P., Dobson-Stone, C., Griffiths, K., Felmingham, K., Bryant, R., Malhi, G., Kemp, A. (2012). The functional epistasis of 5-HTTLPR and BDNF Val66Met on emotion processing: a preliminary study. *Brain and Behavior*, 2(6), 778-788. [More Information]

2011

Huang, Y., Zheng, L., Halliday, G., Dobson-Stone, C., Wang, Y., Tang, H., Cao, L., Deng, Y., Wang, G., Zhang, Y., et al (2011). Genetic polymorphisms in sigma-1 receptor and apolipoprotein E interact to influence the severity of alzheimer's disease. *Current Alzheimer Research*, 8(7), 765-770. [More Information]

2010

Williams, L., Gatt, J., Grieve, S., Dobson-Stone, C., Paul, R., Gordon, E., Schofield, P. (2010). COMT Val(108/158)Met polymorphism effects on emotional brain function and negativity bias. *NeuroImage*, 53(3), 918-925. [More Information]

Gatt, J., Williams, L., Schofield, P., Dobson-Stone, C., Paul, R., Grieve, S., Clark, R., Gordon, E., Nemeroff, C. (2010). Impact of the HTR3A Gene With Early Life Trauma on Emotional Brain Networks and Depressed Mood. *Depression and Anxiety*,

27(8), 752-759. [More Information]

Bryant, R., Felmingham, K., Falconer, E., Pe Benito, L., Dobson-Stone, C., Pierce, K., Schofield, P. (2010). Preliminary Evidence of the Short Allele of the Serotonin Transporter Gene Predicting Poor Response to Cognitive Behavior Therapy in Posttraumatic Stress Disorder. *Biological Psychiatry*, 67(12), 1217-1219. [More Information]

Luty, A., Kwok, J., Dobson-Stone, C., Loy, C., Coupland, K., Karlstrom, H., Sobow, T., Tchorzewska, J., Maruszak, A., Barcikowski, M., Blair, I., et al (2010). Sigma Nonopioid Intracellular Receptor 1 Mutations Cause Frontotemporal Lobar Degeneration-Motor Neuron Disease. *Annals of Neurology*, 68(5), 639-649. [More Information]

2009

Williams, L., Gatt, J., Kuan, S., Dobson-Stone, C., Paul, R., Palmer, D., Song, L., Costa, P., Schofield, P., Gordon, E. (2009). A Polymorphism of the MAOA Gene is Associated with Emotional Brain Markers and Personality Traits on an Antisocial Index. *Neuropsychopharmacology*, 34(7), 1797-1809. [More Information]

Joffe, R., Gatt, J., Kemp, A., Grieve, S., Dobson-Stone, C., Kuan, S., Schofield, P., Gordon, E., Williams, L. (2009). Brain derived neurotrophic factor Val66Met polymorphism, the five factor model of personality and hippocampal volume: Implications for depressive illness. *Human Brain Mapping*, 30(4), 1246-1256. [More Information]

Schofield, P., Williams, L., Paul, R., Gatt, J., Brown, K., Luty, A., Cooper, N., Grieve, S., Dobson-Stone, C., Morris, C., Kuan, S., Gordon, E. (2009). Disturbances in selective information processing associated with the BDNF Val66Met polymorphism: Evidence from cognition, the P300 and fronto-hippocampal systems. *Biological Psychology*, 80(2), 176-188. [More Information]

Gatt, J., Nemeroff, C., Dobson-Stone, C., Paul, R., Bryant, R., Schofield, P., Gordon, E., Kemp, A., Williams, L. (2009). Interactions between BDNF Val66Met polymorphism and early life stress predict brain and arousal pathways to syndromal depression and anxiety. *Molecular Psychiatry*, 14(7), 681-695. [More Information]

2008

Gatt, J., Kuan, S., Dobson-Stone, C., Paul, R., Joffe, R., Kemp, A., Gordon, E., Schofield, P., Williams, L. (2008). Association between BDNF Val66Met polymorphism and trait depression is mediated via resting EEG alpha band activity. *Biological Psychology*, 79(2), 275-284. [More Information]

Luty, A., Kwok, J., Thompson, E., Blumbergs, P., Brooks, W., Loy, C., Dobson-Stone, C., Panegyres, P., Hecker, J., Nicholson, G., et al (2008). Pedigree with frontotemporal lobar degeneration--motor neuron disease and Tar DNA binding protein-43 positive neuropathology: genetic linkage to chromosome 9. *BMC Neurology*, 8(32), 1-11. [More Information]

Williams, L., Gatt, J., Hatch, A., Palmer, D., Nagy, M., Rennie, C., Cooper, N., Morris, C., Grieve, S., Dobson-Stone, C., Gordon, E., et al (2008). The integrate model of emotion, thinking and self regulation: an application to the "paradox of aging". *Journal of Integrative Neuroscience*, 7(3), 367-404. [More Information]

2007

Gatt, J., Clark, C., Kemp, A., Liddell, B., Dobson-Stone, C., Kuan, S., Schofield, P., Williams, L. (2007). A genotype-endophenotype-phenotype path model of depressed mood: integrating cognitive and emotional markers. *Journal of Integrative Neuroscience*, 6(1), 75-104. [More Information]

Paul, R., Schofield, P., Gordon, E., Kuan, S., Williams, L., Dobson-Stone, C., Gatt, J. (2007). Genotypes and neural binding in negative affect: The contribution of genetic polymorphisms to 40 hz gamma phase synchrony. *62nd Annual Convention and Scientific Program SOBP*, United States: Elsevier Science.

Gordon, E., Liddell, B., Brown, K., Bryant, R., Clark, C., Das, P., Dobson-Stone, C., Falconer, E., Felmingham, K., Flynn, G., Gatt, J., Harris, A., Hermens, D., Hopkinson, P., Kemp, A., Kuan, S., Lazzaro, I., Rennie, C., Whitford, T., Williams, L., et al (2007). Integrating objective gene-brain-behavior markers of psychiatric disorders. *Journal of Integrative Neuroscience*, 6(1), 1-34. [More Information]

Dobson-Stone, C., Gatt, J., Kuan, S., Grieve, S., Gordon, E., Williams, L., Schofield, P. (2007). Investigation of MCPH1 G37995C and ASPM A44871G polymorphisms and brain size in a healthy cohort. *NeuroImage*, 37(2), 394-400. [More Information]

Alexander, D., Williams, L., Gatt, J., Dobson-Stone, C., Kuan, S., Todd, E., Schofield, P., Cooper, N., Gordon, E. (2007). The contribution of apolipoprotein E alleles on cognitive performance and dynamic neural activity over six decades. *Biological Psychology*, 75(3), 229-238. [More Information]

2006

Hoth, K., Paul, R., Williams, L., Dobson-Stone, C., Todd, E., Schofield, P., Gunstad, J., Cohen, R., Gordon, E. (2006). Associations between the COMT Val/Met polymorphism, early life stress, and personality among healthy adults. *Neuropsychiatric Disease and Treatment*, 2(2), 219-225. [More Information]