

Research Publications

January 2012 to April 2017

2012

1. Abbs, B., Achalia, R.M., Adelufosi, A.O., Aktener, A.Y., Beveridge, N.J., Bhakta, S.G., Blackman, R.K., Bora, E., Byun, M.S., Cabanis, M., Carrion, R., Castellani, C.A., Chow, T.J., Dmitrzak-Weglarz, M., Gayer-Anderson, C., Gomes, F.V., Haut, K., Hori, H., Kantrowitz, J.T., Kishimoto, T., Lee, F.H., Lin, A., Palaniyappan, L., Quan, M., Rubio, M.D., Ruiz de Azua, S., Sahoo, S., Strauss, G.P., Szczepankiewicz, A., Thompson, A.D., Trotta, A., Tully, L.M., Uchida, H., Velthorst, E., Young, J.W., O'Shea, A., Delisi, L.E., 2012. The 3rd Schizophrenia International Research Society Conference, 14-18 April 2012, Florence, Italy: summaries of oral sessions. *Schizophr Res* 141, e1-e24.
2. Abel, L.A., Bowman, E.A., Velakoulis, D., Fahey, M.C., Desmond, P., Macfarlane, M.D., Looi, J.C., Adamson, C.L., Walterfang, M., 2012. Saccadic eye movement characteristics in adult Niemann-Pick Type C disease: relationships with disease severity and brain structural measures. *PLoS One* 7, e50947.
3. Adams, S.J., Velakoulis, D., Kaye, A.H., Corcoran, N.M., O'Brien, T.J., 2012. Psychiatric history does not predict seizure outcome following temporal lobectomy for mesial temporal sclerosis. *Epilepsia* 53, 1700-1704.
4. Bartholomeusz, C.F., Allott, K., 2012. Neurocognitive and social cognitive approaches for improving functional outcome in early psychosis: theoretical considerations and current state of evidence. *Schizophr Res Treatment* 2012, 815315.
5. Bechdolf, A., Wood, S.J., Nelson, B., Velakoulis, D., Yucel, M., Takahashi, T., Yung, A.R., Berk, M., Wong, M.T., Pantelis, C., McGorry, P.D., 2012. Amygdala and insula volumes prior to illness onset in bipolar disorder: a magnetic resonance imaging study. *Psychiatry Res* 201, 34-39.
6. Berger, G.E., Wood, S.J., Ross, M., Hamer, C.A., Wellard, R.M., Pell, G., Phillips, L., Nelson, B., Amminger, G.P., Yung, A.R., Jackson, G., Velakoulis, D., Pantelis, C., Manji, H., McGorry, P.D., 2012. Neuroprotective effects of low-dose lithium in individuals at ultra-high risk for psychosis. A longitudinal MRI/MRS study. *Curr Pharm Des* 18, 570-575.
7. Bora, E., Fornito, A., Pantelis, C., Yucel, M., 2012. Gray matter abnormalities in Major Depressive Disorder: a meta-analysis of voxel based morphometry studies. *J Affect Disord* 138, 9-18.
8. Bora, E., Fornito, A., Yucel, M., Pantelis, C., 2012. The effects of gender on grey matter abnormalities in major psychoses: a comparative voxelwise meta-analysis of schizophrenia and bipolar disorder. *Psychol Med* 42, 295-307.

9. Bora, E., Harrison, B.J., Davey, C.G., Yucel, M., Pantelis, C., 2012. Meta-analysis of volumetric abnormalities in cortico-striatal-pallidal-thalamic circuits in major depressive disorder. *Psychol Med* 42, 671-681.
10. Bora, E., Pantelis, C., 2012. Neurobiology of Bipolar II Disorder In: Parker, G. (Ed.), *Bipolar II Disorder. Modelling, Measuring and Managing*. Cambridge University Press, Cambridge, UK, pp. 89-99.
11. Bora, E., Yucel, M., Fornito, A., Pantelis, C., Harrison, B.J., Cocchi, L., Pell, G., Lubman, D.I., 2012. White matter microstructure in opiate addiction. *Addict Biol* 17, 141-148.
12. Bousman, C.A., Rivard, C., Haese, J.D., Ambrosone, C., Hyland, A., 2012. Alpha-5 and -3 nicotinic receptor gene variants predict nicotine dependence but not cessation: findings from the COMMIT cohort. *Am J Med Genet B Neuropsychiatr Genet* 159b, 227-235.
13. Bousman, C.A., Szoek, C., Chen, K., Dennerstein, L., Henderson, V.W., Everall, I.P., 2012. Oestrogen alpha-receptor variant and two-year memory decline in midlife Australian women. *Neuropsychobiology* 66, 259-265.
14. Brewer, W.J., Lin, A., Moberg, P.J., Smutzer, G., Nelson, B., Yung, A.R., Pantelis, C., McGorry, P.D., Turetsky, B.I., Wood, S.J., 2012. Phenylthiocarbamide (PTC) perception in ultra-high risk for psychosis participants who develop schizophrenia: testing the evidence for an endophenotypic marker. *Psychiatry Res* 199, 8-11.
15. Cheetham, A., Allen, N.B., Whittle, S., Simmons, J.G., Yucel, M., Lubman, D.I., 2012. Orbitofrontal volumes in early adolescence predict initiation of cannabis use: a 4-year longitudinal and prospective study. *Biol Psychiatry* 71, 684-692.
16. Chesher, N.J., Bousman, C.A., Gale, M., Norman, S.B., Twamley, E.W., Heaton, R.K., Everall, I.P., Judd, P.A., 2012. Chronic illness histories of adults entering treatment for co-occurring substance abuse and other mental health disorders. *Am J Addict* 21, 1-4.
17. Cocchi, L., Bramati, I.E., Zalesky, A., Furukawa, E., Fontenelle, L.F., Moll, J., Tripp, G., Mattos, P., 2012. Altered functional brain connectivity in a non-clinical sample of young adults with attention-deficit/hyperactivity disorder. *J Neurosci* 32, 17753-17761.
18. Cocchi, L., Harrison, B.J., Pujol, J., Harding, I.H., Fornito, A., Pantelis, C., Yucel, M., 2012. Functional alterations of large-scale brain networks related to cognitive control in obsessive-compulsive disorder. *Hum Brain Mapp* 33, 1089-1106.
19. Cocchi, L., Zalesky, A., Fontenelle, L.F., 2012. How can connectomics advance our knowledge of psychiatric disorders? *Rev Bras Psiquiatr* 34, 131-132.

20. Cropley, V., Croft, R., Silber, B., Neale, C., Scholey, A., Stough, C., Schmitt, J., 2012. Does coffee enriched with chlorogenic acids improve mood and cognition after acute administration in healthy elderly? A pilot study. *Psychopharmacology (Berl)* 219, 737-749.
21. Davey, C.G., Harrison, B.J., Yucel, M., Allen, N.B., 2012. Regionally specific alterations in functional connectivity of the anterior cingulate cortex in major depressive disorder. *Psychol Med* 42, 2071-2081.
22. Davey, C.G., Yucel, M., Allen, N.B., Harrison, B.J., 2012. Task-related deactivation and functional connectivity of the subgenual cingulate cortex in major depressive disorder. *Front Psychiatry* 3, 14.
23. Dazzan, P., Soulsby, B., Mechelli, A., Wood, S.J., Velakoulis, D., Phillips, L.J., Yung, A.R., Chitnis, X., Lin, A., Murray, R.M., McGorry, P.D., McGuire, P.K., Pantelis, C., 2012. Volumetric abnormalities predating the onset of schizophrenia and affective psychoses: an MRI study in subjects at ultrahigh risk of psychosis. *Schizophr Bull* 38, 1083-1091.
24. Feiler, G., Chen, R.C., Pantelis, C., Lambert, T., 2012. Health behaviours of community-treated patients with psychosis. *Australas Psychiatry* 20, 208-213.
25. Fontenelle, L.F., Cocchi, L., Harrison, B.J., Shavitt, R.G., do Rosario, M.C., Ferrao, Y.A., de Mathis, M.A., Cordioli, A.V., Yucel, M., Pantelis, C., Mari Jde, J., Miguel, E.C., Torres, A.R., 2012. Towards a post-traumatic subtype of obsessive-compulsive disorder. *J Anxiety Disord* 26, 377-383.
26. Fontenelle, L.F., Harrison, B.J., Pujol, J., Davey, C.G., Fornito, A., Bora, E., Pantelis, C., Yucel, M., 2012. Brain functional connectivity during induced sadness in patients with obsessive-compulsive disorder. *J Psychiatry Neurosci* 37, 231-240.
27. Fontenelle, L.F., Lin, A., Pantelis, C., Wood, S.J., Nelson, B., Yung, A.R., 2012. Markers of vulnerability to obsessive-compulsive disorder in an ultra-high risk sample of patients who developed psychosis. *Early Interv Psychiatry* 6, 201-206.
28. Fornito, A., Bullmore, E.T., 2012. Connectomic intermediate phenotypes for psychiatric disorders. *Front Psychiatry* 3, 32.
29. Fornito, A., Harrison, B.J., 2012. Brain connectivity and mental illness. *Front Psychiatry* 3, 72.
30. Fornito, A., Harrison, B.J., Zalesky, A., Simons, J.S., 2012. Competitive and cooperative dynamics of large-scale brain functional networks supporting recollection. *Proc Natl Acad Sci U S A* 109, 12788-12793.
31. Fornito, A., Zalesky, A., Pantelis, C., Bullmore, E.T., 2012. Schizophrenia, neuroimaging and connectomics. *Neuroimage* 62, 2296-2314.

32. Hakami, T., Todaro, M., Petrovski, S., Macgregor, L., Velakoulis, D., Tan, M., Matkovic, Z., Gorelik, A., Liew, D., Yerra, R., O'Brien, T.J., 2012. Substitution Monotherapy With Levetiracetam vs Older Antiepileptic Drugs: A Randomized Comparative Trial. *Arch Neurol* 69, 1563-1571.
33. Harding, I.H., Solowij, N., Harrison, B.J., Takagi, M., Lorenzetti, V., Lubman, D.I., Seal, M.L., Pantelis, C., Yucel, M., 2012. Functional connectivity in brain networks underlying cognitive control in chronic cannabis users. *Neuropsychopharmacology* 37, 1923-1933.
34. Harrison, B.J., Pujol, J., Soriano-Mas, C., Hernandez-Ribas, R., Lopez-Sola, M., Ortiz, H., Alonso, P., Deus, J., Menchon, J.M., Real, E., Segalas, C., Contreras-Rodriguez, O., Blanco-Hinojo, L., Cardoner, N., 2012. Neural correlates of moral sensitivity in obsessive-compulsive disorder. *Arch Gen Psychiatry* 69, 741-749.
35. Jones, N.C., Nguyen, T., Corcoran, N.M., Velakoulis, D., Chen, T., Grundy, R., O'Brien, T.J., Hovens, C.M., 2012. Targeting hyperphosphorylated tau with sodium selenate suppresses seizures in rodent models. *Neurobiol Dis* 45, 897-901.
36. Kashyap, H., Fontenelle, L.F., Miguel, E.C., Ferrao, Y.A., Torres, A.R., Shavitt, R.G., Ferreira-Garcia, R., do Rosario, M.C., Yucel, M., 2012. 'Impulsive compulsivity' in obsessive-compulsive disorder: a phenotypic marker of patients with poor clinical outcome. *J Psychiatr Res* 46, 1146-1152.
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38. Lavoie, S., Schafer, M.R., Whitford, T.J., Benninger, F., Feucht, M., Klier, C.M., Yuen, H.P., Pantelis, C., McGorry, P.D., Amminger, G.P., 2012. Frontal delta power associated with negative symptoms in ultra-high risk individuals who transitioned to psychosis. *Schizophr Res* 138, 206-211.
39. Liao, Y., Tang, J., Fornito, A., Liu, T., Chen, X., Chen, H., Xiang, X., Wang, X., Hao, W., 2012. Alterations in regional homogeneity of resting-state brain activity in ketamine addicts. *Neurosci Lett* 522, 36-40.
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41. Looi, J.C., Rajagopalan, P., Walterfang, M., Madsen, S.K., Thompson, P.M., Macfarlane, M.D., Ching, C., Chua, P., Velakoulis, D., 2012. Differential putaminal morphology in Huntington's disease, frontotemporal dementia and Alzheimer's disease. *Aust N Z J Psychiatry* 46, 1145-1158.

42. Looi, J.C., Walterfang, M., Velakoulis, D., Macfarlane, M.D., Svensson, L.A., Wahlund, L.O., 2012. Frontotemporal dementia as a frontostriatal disorder: neostriatal morphology as a biomarker and structural basis for an endophenotype. *Aust N Z J Psychiatry* 46, 422-434.
43. Mathes, B., Schmiedt, J., Schmiedt-Fehr, C., Pantelis, C., Basar-Eroglu, C., 2012. New rather than old? For working memory tasks with abstract patterns the P3 and the single-trial delta response are larger for modified than identical probe stimuli. *Psychophysiology* 49, 920-932.
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46. Ong, D., Walterfang, M., Malhi, G.S., Styner, M., Velakoulis, D., Pantelis, C., 2012. Size and shape of the caudate nucleus in individuals with bipolar affective disorder. *Aust N Z J Psychiatry* 46, 340-351.
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48. Patterson, M.C., Hendriksz, C.J., Walterfang, M., Sedel, F., Vanier, M.T., Wijburg, F., 2012. Recommendations for the diagnosis and management of Niemann-Pick disease type C: an update. *Mol Genet Metab* 106, 330-344.
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