

## Cannabis

- Amen, D.G., Darmal, B., Raji, C.A., Bao, W., Jorandby, L., Meysami, S., Raghavendra, C.S. Discriminative Properties of Hippocampal Hypoperfusion in Marijuana Users Compared to Healthy Controls: Implications for Marijuana Administration in Alzheimer's Dementia. J Alzheimers Dis. 2017; 56(1):261-273
- Batalla, A. et al. Structural and Functional Imaging Studies in Chronic Cannabis Users: A Systemic Review of Adolescent and Adult Findings. Plos One. 2-13; 8(2):e55821
- Bhattacharyya, S., Morrison, P.D., Fusar-Poli, P., et al. Opposite effects of delta-9-tetrahydrocannabinol and cannabidiol on human brain function and psychopathology. Neuropharmacology. 2010;35:764-774.
- Bonnet, U., Preuss, U.W. The cannabis withdrawal syndrome: current insights. Subst Abuse Rehabil. 2017; 8:9-37
- Buchy, L. et al. Evaluating the impact of cannabis use on thalamic connectivity in youth at clinical high risk of psychosis. BMC Psychiatry. 2015; 15:276
- Crossley, N.A., Mechelli, A., Scott, J., Carletti, F., Fox, P.T., McGire, P., Bullmore, E. The hubs of the human connectome are generally implicated in the anatomy of brain disorders. Brain. 2014; 137, 2382-2395
- Epstein, K.A., Kuma, S. Executive attention impairment in adolescents with schizophrenia who have used cannabis. Schizophr Res. 2014 Aug;157(1-3):48-54
- Freeman, D., Dunn, G. et al. How cannabis causes paranoia: using the intravenous administration of 9-tetrahydrocannabinol (THC) to identify key cognitive mechanisms leading to paranoia. Schizophr Bull. 2015 Mar;41(2):391-9
- Haber, S. the Neuroanatomy of Reward in Neurobiology of Sensation and Reward. Gottfried, J.A. (editor) Boca Raton , Florida, CRC Press 2011
- Hall, W. A Twenty Year Longitudinal Study into the Effects of Cannabis. Mail online September 7, 2016.
- Hall, W., Degenhardt, L. The adverse health effects of chronic cannabis use. Drug Test Anal. 2014;6(1-2):39-45.
- Heitzeg, M. M, Cope, L.M. et al. Brain activation to negative stimuli mediates a relationship between adolescent marijuana use and later emotional functioning. Dev Cogn Neurosci. 2015 Dec; 16: 71-83
- Jacobus, J., Tapert, S.F. Effects of cannabis on the adolescent brain. Curr Pharm Des. 2014;20(123):2186-2193.

- Jingguang, L., Kong, X-Z. Morphological connectivity correlates with trait impulsivity in healthy adults. Peer J. 2017; 5: e 3553
- Kimbrel, N.A. et al. the Impact of Cannabis Use Disorder on suicidal and Nonsuicidal Self-Injury in Iraq/Afghanistan-Era Veterans with and without Mental Health disorders. Suicide Life Threat Behaviour 2017 Mar 13. Doi: 10.1111
- Li, J., Kong, X.Z. Morphological connectivity correlates with trait impulsivity in healthy adults. Peer J. 2017 Jul 6; 5 e3533
- Lisdahl, KM, Tamm, L., Epstein, JN., Jernigan, T., Molina, BS., Hinshaw, SP, Swanson, JM., Newman, E., Kelly, C., Bjork, JM. The impact of ADHD persistence, recent cannabis use, and age of regular cannabis use onset on subcortical volume and cortical thickness in young adults. Drug Alcohol Depend. 2016 Apr 1;161:135-146
- Lorenzetti, V., Alonso-Lana, S., Youssef, G.I., et al. Adolescent Cannabis Use: What is the Evidence for Functional Brain Alteration? Curr Pharm Des. 2016;22(42):6353-6365
- Lorenzetti, V., Solowji, N. et al. Gross morphological brain changes with chronic heavy cannabis use. BJ Psych. Jan 2015, 206 (1) 77-78
- MacDonald, K., Pappas, K. Why Not Pot? Innov Clin Neurosci. 2016 Mar-Apr; 13(3-4): 13-22.
- Mechoulam, R, Parker, L.A. The Endocannabinoid System and the Brain. Ann Rev Psychol. 2013;64:21-47.
- Mori, M.A., Meyer, E. et al. Cannabidiol reduces neuroinflammation and promotes neuroplasticity and functional recovery after brain ischemia. Prog Neuropsychopharmacological Biol Psychiatry. 2017 April3;75:94-105
- Murray, R.M., Englund, A. et al. Cannabis –associated psychosis: Neural substrate and clinical impact. Neuropharmacology. 2017 Jun 17.pii S0028-3908(17)30291-5
- Murray, R.M., Mehta, M., Di Forti, M. Different dopaminergic abnormalities underlie cannabis dependence and cannabis induces psychosis, Biol Psychiatry. 75, 430-431
- Nader, D.A., Sanchez, Z.M. Effects of regular cannabis use on neurocognition, brain structure, and function: a systematic review of findings in adults Am J Drug Alcohol Abuse. 2017 May 12:1-15
- Osborne, A.L., Solowji, N., Weston-Green, K. A Systematic Review of the effect of cannabidiol on cognitive function: relevance to Schizophrenia. Neurosci Biobehav Rev. 2017 Jan;72:310-324
- Price, J.S., et al. Effects of marijuana use on Prefrontal and Parietal Volumes and Cognition in Emerging Adults. Psychopharmacology (Berl). 2015 Aug; 232 (16): 2939-2950
- Shollenbarger, S.G., Price, J. et al. Impact of Cannabis Use on Prefrontal and Parietal Cortex Gyrfication and Surface Area in Adolescents and Emerging Adults. Dev Cog Neurosci. 2015 Dec;16:46-53

Riba, J. Valle, M. et al. Telling True From False: cannabis users show increased susceptibility to false memories. Mol Psychiatry. 2015 Jun; 20(6): 772-777

Roberts, G. Perry, A., Lord, A., Frankland, A., Leung, V., Homes-Preston, E., Levy, F., Lenroot, R.K., Mitchell, P.B. Breakspear, M. Structural dysconnectivity of key cognitive and emotional hubs in young people at high genetic risk for bipolar disorder. Mol Psychiatry. 2016 Dec 20.doi 10.1038

Rubino, T., Parolaro, D. the Impact of Exposure to Cannabinoids in Adolescence: Insights from animal Models. Biol Psychiatry. 2016 April 1;79(7):578-85

Szutorisz, H. Hurd, Y.L. Epigenetic Effects of Cannabis Exposure. Biol Psychiatry. 2016 April 1;79(7) 586-594

Szutorisz, H., DiNieri, J.A., Sweet, E., Egervari, G., Michaelides, M., Carter, J.M. et al. Parental THC exposure leads to compulsive heroin seeking and altered striatal synaptic plasticity in the subsequent generation. Neuropharmacology: Official publication of the American College of Neuropharmacology. 2014;39:1315-1323

Thompson, J.L., Urban, N., Slifstein, M., Xu, X., Kegeles, L.S., Girgis, R.R., Abi-Dargham, A. Striatal dopamine release in schizophrenia comorbid with substance dependence. Mol Psychiatry 18 (8), 909-915

Todd, S.M., Zhou, C., Clarke, D.J., Chohan, T.W., Bahceci, D., Arnold, J.C. Interactions between cannabidiol and 9-THC following acute and repeated dosing: rebound hyperactivity, sensorimotor gating and epigenetic and neuroadaptive changes in the mesolimbic pathway. Eur Neuropsychopharmacol. 2017 Feb;27(2):132-145

Van de Giessen, E., Weinstain, J.J., Cassidy, C.M et al. Deficits in striatal dopamine release in cannabis dependence. Mol Psychiatry. 2016; doi 10.1038

Wilkinson, S.T., Stefanoicas et al. Marijuana use is associated with worse outcomes in symptom severity and violent behavior in patients with posttraumatic stress disorder. J Clin Psychiatry. 2015; 76(9):1174-1180

Wright, N.E. Marijuana Use is Associated with Behavioural Approach and Depressive Symptoms in Adolescents and Emerging Adults. PLoS One. 2016; 11(11): e 0166005

Wu, H., Sun, H., Wu, Y., Wang, C., Xiao, J., She, S., Huang, J., Zou, W., Peng, H., Lu, X, Huang, G., Jiang, T., Ning, Y., Wang, J. Changed hub and corresponding functional connectivity of subgenual anterior cingulate cortex in major depressive disorder. Front Neuroanat. 2016 Dec 16;10:120

Yucel, M., Lorenzetti, V. et al. Hippocampal harms, protection and recovery following regular cannabis use. Transl Psychiatry. 2016 Jan; 6(1) e 710

Zanto, T.P., A. Gazzaley Fronto-parietal network: flexible hub of cognitive control Trends Cogn Sci. 2013 Dec; 17(12) 10: 1016

