

1. Myskiw, J. C., Izquierdo, I. & Furini, C. R. Modulation of the extinction of fear learning. *Brain Res Bull* (2014).
2. Mayer, T. A., Matar, M. A., Kaplan, Z., Zohar, J. & Cohen, H. Blunting of the HPA-axis underlies the lack of preventive efficacy of early post-stressor single-dose Delta-9-tetrahydrocannabinol (THC). *Pharmacol Biochem Behav* **122C**, 307-318 (2014).
3. Hill, M. N. et al. Reductions in circulating endocannabinoid levels in individuals with post-traumatic stress disorder following exposure to the world trade center attacks. *Psychoneuroendocrinology* (2013).
4. Hauer, D. et al. Plasma concentrations of endocannabinoids and related primary Fatty Acid amides in patients with post-traumatic stress disorder. *PLoS One* **8**, e62741 (2013).
5. Schaefer, C. et al. Fatty acid ethanolamide levels are altered in borderline personality and complex posttraumatic stress disorders. *Eur Arch Psychiatry Clin Neurosci* (2013).
6. Neumeister, A. et al. Elevated brain cannabinoid CB receptor availability in post-traumatic stress disorder: a positron emission tomography study. *Mol Psychiatry* (2013).
7. Reich, C. G., Iskander, A. N. & Weiss, M. S. Cannabinoid modulation of chronic mild stress-induced selective enhancement of trace fear conditioning in adolescent rats. *J Psychopharmacol* **27**, 947-955 (2013).
8. Passie, T., Emrich, H. M., Karst, M., Brandt, S. D. & Halpern, J. H. Mitigation of post-traumatic stress symptoms by Cannabis resin: A review of the clinical and neurobiological evidence. *Drug Test Anal* (2012).
9. Pardini, M. et al. Fatty-acid amide hydrolase polymorphisms and post-traumatic stress disorder after penetrating brain injury. *Transl Psychiatry* **2**, e75 (2012).
10. Hsiao, Y. T., Yi, P. L., Li, C. L. & Chang, F. C. Effect of cannabidiol on sleep disruption induced by the repeated combination tests consisting of open field and elevated plus-maze in rats. *Neuropharmacology* **62**, 373-384 (2012).
11. Campos, A. C., Ferreira, F. R. & Guimaraes, F. S. Cannabidiol blocks long-lasting behavioral consequences of predator threat stress: Possible involvement of 5HT1A receptors. *J Psychiatr Res* (2012).
12. Bitencourt, R. M., Pamplona, F. A. & Takahashi, R. N. A current overview of cannabinoids and glucocorticoids in facilitating extinction of aversive memories: Potential extinction enhancers. *Neuropharmacology* (2012).
13. Fraser, G. A. The use of a synthetic cannabinoid in the management of treatment-resistant nightmares in posttraumatic stress disorder (PTSD). *CNS Neurosci Ther* **15**, 84-88 (2009).
14. Ursano, R. J. et al. PTSD and traumatic stress from gene to community and bench to bedside. *Brain Res* (2009).
15. Onaivi, E. S. Cannabinoid receptors in brain: pharmacogenetics, neuropharmacology, neurotoxicology, and potential therapeutic applications. *Int Rev Neurobiol* **88**, 335-369 (2009).
16. Lutz, B. The endocannabinoid system and extinction learning. *Mol Neurobiol* **36**, 92-101 (2007).

17. Fride, E., Suris, R., Weidenfeld, J. & Mechoulam, R. Differential response to acute and repeated stress in cannabinoid CB<sub>1</sub> receptor knockout newborn and adult mice. *Behav Pharmacol* **16**, 431-440 (2005).
18. Calhoun, P. S. et al. Drug use and validity of substance use self-reports in veterans seeking help for posttraumatic stress disorder. *J Consult Clin Psychol* **68**, 923-927 (2000).