

Journal Papers

SeizureScan

- Almog Uziel, Anat Gelfand, Keren Amsalem, Paula Berman, Gil M. Lewitus, David Meiri*, and Dan Y. Lewitus (2020) Full-Spectrum *Cannabis* Extract Microdeposits Support Controlled Release of Multiple Phytocannabinoids for Extended Therapeutic Effect, *ACS Appl. Mater. Interfaces* 2020, 12, 21, 23707–23716, Publication Date: May 5, 2020, <https://doi.org/10.1021/acsami.0c04435>
- En-Tzu Liao, Yi-Wen Lin, Chun-Ping Huang, Nou-Ying Tang, Ching-Liang Hsieh, (2018) "Electric Stimulation of Ear Reduces the Effect of Toll-Like Receptor 4 Signaling Pathway on Kainic Acid-Induced Epileptic Seizures in Rats", *BioMed Research International*, vol. 2018, Article ID 5407256, 11 pages, 2018.
<https://doi.org/10.1155/2018/5407256>
- Berman, P., Futoran, K., Lewitus, G.M. *et al.* (2018) A new ESI-LC/MS approach for comprehensive metabolic profiling of phytocannabinoids in *Cannabis*. *Sci Rep* 8, 14280 (2018). <https://doi.org/10.1038/s41598-018-32651-4>
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- Morgane Boillot, Clément Huneau, Elise Marsan, Katia Lehongre, Vincent Navarro, Saeko Ishida, Béatrice Dufresnois, Ekim Ozkaynak, Jérôme Garrigue, Richard Miles, Benoit Martin, Eric Leguern, Matthew P. Anderson, Stéphanie Baulac (2014) Glutamatergic neuron-targeted loss of *LG1* epilepsy gene results in seizures. *Brain*, 18 September 2014
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- Yi-Wen Lin and Ching-Liang Hsieh, (2014) Auricular Electroacupuncture Reduced Inflammation-Related Epilepsy Accompanied by Altered TRPA1, pPKC α , pPKC ϵ , and pERK1/2 Signaling Pathways in Kainic Acid-Treated Rats, *Mediators of Inflammation* Volume 2014 (2014), Article ID 493480, 9 pages
- Boris S. Ermolinsky, Frank Skinner, Ileana Garcia, Massoud F. Arshadmansab, Luis F. Pacheco Otalora, Masoud M. Zarei, Emilio R. Garrido-Sanabria, Upregulation of STREX splice variant of the large conductance Ca²⁺-activated potassium (BK) channel in a rat model of mesial temporal lobe epilepsy, *Neuroscience Research*, Volume 69, Issue 1, January 2011, Pages 73-80, ISSN 0168-0102, <http://dx.doi.org/10.1016/j.neures.2010.09.011>.
- Luis F. Pacheco Otalora, Frank Skinner, Mauro S. Oliveira, Bianca Farrell, Massoud F. Arshadmansab, Tarun Pandari, Ileana Garcia, Leslie Robles, Gerardo Rosas, Carlos F. Mello, Boris S. Ermolinsky, Emilio R. Garrido-Sanabria, (2011) Chronic deficit in the expression of voltage-gated potassium channel Kv3.4 subunit in the hippocampus of pilocarpine-treated epileptic rats, *Brain Research*, Volume 1368, 12 January 2011, Pages 308-316, ISSN 0006-8993, <http://dx.doi.org/10.1016/j.brainres.2010.10.047>.
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- Ermolinsky, B., Pacheco Otalora, L. F., Arshadmansab, M. F., Zarei, M. M., & Garrido-Sanabria, E. R. (2008). Differential changes in mGlu2 and mGlu3 gene expression following pilocarpine-induced status epilepticus: a comparative real-time PCR analysis. *Brain Research*, 1226, 173-180.
- Garrido-Sanabria, E. R., Otalora, L. F., Arshadmansab, M. F., Herrera, B., Francisco, S., & Ermolinsky, B. S. (2008). Impaired expression and function of group II metabotropic glutamate receptors in pilocarpine-treated chronically epileptic rats. *Brain Research*, 1240, 165-176.
- Pacheco Otalora, L. F., Hernandez, E. F., Arshadmansab, M. F., Francisco, S., Willis, M., Ermolinsky, B., et al. (2008). Down-regulation of BK channel expression in the pilocarpine model of temporal lobe epilepsy. *Brain Research*, 1200, 116-131.
- Pacheco Otalora, L. F., Moffett, J.R., & Garrido-Sanabria, E.R. (2007). Selective vulnerability of hippocampal NAAGergic neurons in experimental temporal lobe epilepsy. *Brain Research*, 1144, 219-230.

SeizureScan Poster Presentations

- Ali, A., Grabenstatter, H., & Dudek, F.E. (2007, November). A video based real-time automated seizure detection and classification system: An accuracy analysis. Paper presented at the AES Annual Meeting, Philadelphia, PA.



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