Activating Cannabinoid Receptors

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Cannabinoid therapy appears to works marvelously for some, and yet others fail to respond.

Whilst it is critical to consider cannabinoid content as a factor in this (i.e. – Is there enough Cannabidiol (CBD) in your extract? Etc. Another mitigating detail lies within if ones cannabinoid receptors are activated or not.

Methylation has been proven to deactivate CB receptors, and this appears particularly prevalent within cancers of the stomach, colon[1] and breast.

If methylation can create such an unwanted and critical scenario during cannabinoid therapy, then those undergoing cannabinoid therapy should look to include demethylating[2] agents into their regime.

These include; Green Tea, FeverFew and Annurca Apples[3]
Green Tea is particularly useful as it can also naturally create Anti-Angiogenesis[4]

Another area that should be explored is within the use of Phenolic Oils.

Phenols and Phenylpropanoids are compounds of carbon-ring molecules incorporating on isoprene unit. They are sometimes called hemiterpenes. There are dozens of varieties of phenylpropanoids. They are found in Clove (90%), Cassia (80%), Basil (75%), Cinnamon (73%), Oregano (60%), Anise (50%), and Peppermint (25%).

While they can create conditions where unfriendly viruses and bacteria cannot live, the most important function performed by phenylpropanoids is that they clean the receptor sites on the cells. Without clean receptor sites cells cannot communicate, and the body malfunctions, resulting in sickness.

David Stewart, PhD, DNM also suggests in his book 'The Chemistry of Essential Oils Made Simple' – that phenolic oils can clean receptor sites.

Prof. Dr. Jürg Gertsch of the Institute of Biochemistry and Molecular Medicine, Switzerland conducted a brilliant research paper[5] looking for Phytocannabinoids beyond cannabis.

Prof Jürg Gertsch was kind enough to suggest the essential oil of Melissa officinalis (Lemon Balm) due to its terpenoid content, as a way to activate CB receptors, based on some preliminary research he has conducted.

1 http://www.sciencedaily.com/releases/2008/08/080801074056.htm

2 http://www.anti-agingfirewalls.com/2009/11/01/dna-demethylation-–-a-new-way-of-coming-at-cancers/

3 http://jn.nutrition.org/content/137/12/2622.full

4 http://www.alternativecancer.me/therapy/anti-angiogenesis-foods-agents-fight-cancer-natural/

5 http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2931553/