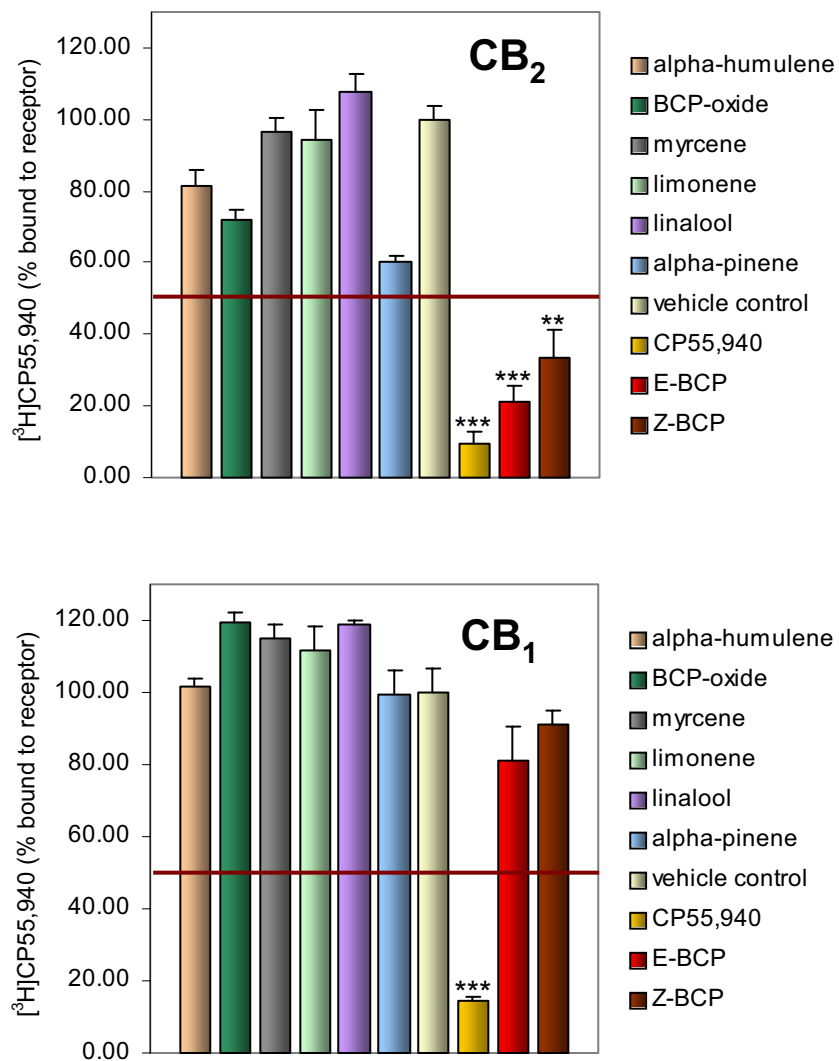


## **F) Chart of Terpenes Associated With Cannabis.**

Gertsch et al, *Beta-caryophyllene is a dietary cannabinoid*, Proceedings of the National Academy of Sciences of The United States of America, Document Number, 0803601105.

This chart was from an article regarding certain biological effects of Terpenes associated with Cannabis. It is presented as a peer-reviewed source to show that these compounds are present in Cannabis.



**Fig. S2.** Screening of the major chemical constituents of *Cannabis* essential oil on displacement of [<sup>3</sup>H]CP55,940 from HEK293 cells expressing *hCB<sub>2</sub>* and *hCB<sub>1</sub>* receptors. Ten micromolar concentrations of each compound dissolved in dimethyl sulfoxide was assayed for competitive *CB<sub>2</sub>* and *CB<sub>1</sub>* receptor binding. Significant displacement (>50%) of [<sup>3</sup>H]CP55,940 from *hCB<sub>2</sub>* receptors was obtained with (*E*)-BCP, (*Z*)-BCP and the CP55,940 positive control. Data show mean values of three experiments ± SEM (\*\*, *P* < 0.01; \*\*\*, *P* < 0.001 from ANOVA identifying hits that displace [<sup>3</sup>H]CP55,940 by >50%).