



**Illinois
Cannabis
Patients
Association**

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September 1, 2010

Cannabis Compound Halts Breast Cancer Tumor Growth

Madrid, Spain: The administration of THC reduces the tumor growth of metastatic breast cancer and "might constitute a new therapeutic tool for the treatment" of cancerous tumors, according to pre-clinical data published online in the journal *Molecular Cancer*.

Investigators from Complutense University in Madrid assessed the anti-tumor potential of THC and JWH-133, a non-psychoactive CB2 receptor selective agonist, in the treatment of ErbB2-positive breast tumors – a highly aggressive form of breast cancer that is typically unresponsive to standard therapies.

Researchers reported, "[B]oth Delta-9-tetrahydrocannabinol ... and JWH-133 ... reduce tumor growth [and] tumor number [in mice]. ... [T]hese results provide a strong preclinical evidence for the use of cannabinoid-based therapies for the management of ErbB2-positive breast cancer."

In 2007, investigators at the California Pacific Medical Center Research Institute reported that the administration of the non-psychoactive cannabinoid CBD limited breast cancer metastasis in a manner that was superior to comparable synthesized agents.

Previous pre-clinical studies assessing the anticancer properties of cannabinoids have shown that they inhibit the proliferation of a wide range of cancers, including brain cancer, prostate cancer, oral cancers, lung cancer, skin cancer, pancreatic cancer, biliary tract cancers, and lymphoma.

Wheeling, Illinois resident Jim Ware testified in 2009 at a Senate Public Health committee that cannabis helped him overcome the chemotherapy treatment for his stage-4 colon, lymph and liver cancer. Mr. Ware was a former police captain in Anchorage, Alaska and has been an outspoken advocate for medical cannabis in Illinois since overcoming his cancer treatments.

In the 14 states where medical cannabis is legal, patients undergoing chemotherapy often use cannabis to combat the nausea that results from their treatments. Many chemotherapy patients report that cannabis helps them keep their food down and stimulates their appetite. Lawmakers in Illinois should see this as yet another sign that patients in Illinois should not be criminals for using this medicine and should have safe and legal access to medical cannabis.

The Illinois Cannabis Patients Association – because patients are not criminals