**C3RN News Summary – Apr 29, 2019**

Research

1. An analysis of self-reported data through the US National Health and Nutrition Examination Survey between 2005 and 2014 “revealed a considerable proportion of respondents with cancer self-reporting marijuana use (40.3%) and a significantly higher prevalence of opioid use among respondents with cancer… Although opioid use did not significantly change from 2005 to 2014 among all respondents, marijuana use did increase, likely reflecting increased availability and legislative changes.” (Apr 22: University of California San Diego, CA)

[More...](https://www.ncbi.nlm.nih.gov/pubmed/31006849)

2. A participant in a CBD clinical trial for epilepsy who was also a transplant patient prescribed the drug tacrolimus to reduce the chance of transplant-rejection had a clinical profile that prompted doctors to identify “for the first time a significant drug-drug interaction between the purified CBD product and tacrolimus. [The] participant…showed an approximately 3-fold increase in dose normalized tacrolimus concentrations while receiving 2000-2900 mg/day of CBD.” (Apr 23: University of Cincinnati College of Medicine, OH)

[More...](https://www.ncbi.nlm.nih.gov/pubmed/31012522)

3. A commentary and review of the long-term negative effects of cannabis use funded by NIDA (National Institute on Drug Abuse) made a “call for greater understanding of the possible broad impacts of long‐term patterns of use… a crucial next step for this work is to understand how its findings, along with accumulating evidence of negative consequences from marijuana use, can guide policymaking and public health efforts, as scientists have suggested that marijuana policy has outpaced the science.” (Apr 23: National Institute on Drug Abuse)

[More...](https://onlinelibrary.wiley.com/doi/full/10.1111/add.14612)

4. A study done on paternal toxicant exposure impacts on offspring noted “that premating paternal THC exposure even at a modest dose for a brief period can cause deleterious long-term behavioral effects in the offspring, notably significant impairment in an operant attention task.” (Apr 24: Duke University Medical Center, NC)

[More...](https://www.ncbi.nlm.nih.gov/pubmed/31028824)

Industry News

1. An investors report notes that “in order for Canopy Growth to acquire Acreage Holdings, the U.S. federal government would have to legalize marijuana” because “Canopy's management team has plainly stated on multiple occasions that it has no intention of entering the U.S. cannabis market until the federal government changes its tune on marijuana” and “the company's listing on the New York Stock Exchange would be in jeopardy if it began directly dealing with cannabis plants in the U.S.” (Apr 27)

[More...](https://www.fool.com/investing/2019/04/27/dont-be-fooled-by-the-canopy-acreage-deal-marijuan.aspx)