

# Cannabidiol (CBD)

The wonder drug touted to cure most everything

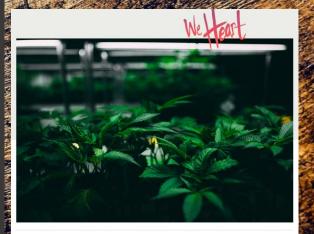
"Whatever you might know about CBD, there's a good chance you don't know these five facts. Keep reading to learn what they are, they might just surprise you.

"1. It's One Of The Fastest-Growing Industries In History: You can <u>buy</u> pharmaceutical grade CBD oil in stores and at several online providers all over the country. This massive spread of CBD products is due to the incredible demand for CBD and <u>CBD-based products</u>; causing the industry to become one of the fastest-growing in history."

https://www.we-heart.com > 2020 > 04 > 13 > five-things-you-didnt-know-about-cbd

Five Things You Didn't Know About CBD. The Wonder Drug - We Heart

There's a **CBD**-Based **Drug** Available for Seizures: Believe it or not, the FDA itself has recognised and performed research on the effectiveness of **CBD** in treating certain conditions, and recently approved a **drug** called Epidiolex, which is formulated from **CBD**.



Five Things You Didn't Know About CBD

With greater acceptance and understanding, people know more than ever about CBD. But did you know these five fascinating facts?

Michael Turner • 1 December,



With all the hype surrounding CBD, there's plenty of information to be had on the compound. Derived from hemp, CBD is one of 113 cannobinoids found in cannobis. Each cannobinoid interacts with our body in a specific way, and we even have considered to constant in our sequence pattern to a specific way.

https://www.we-heart.com/2020/04/13/five-things-you-didnt-know-about-cbd/



Results for cancer types

• cigarettes	14
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- alcohol use disorder 9
- Cannabis constituents (cannabinoids)
  - THC 9
  - Cannabidiol (CBD) 12
  - Cannabichromene 6
  - Cannabinol
  - Cannabigerol 7
- Cannabis causal in 27 cancers in all in the US data

Archives of Public Health

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Research | Open access | Published: 30 March 2022

Geotemporospatial and causal inferential epidemiological overview and survey of USA cannabis, cannabidiol and cannabinoid genotoxicity expressed in cancer incidence 2003–2017: part 1 – continuous bivariate analysis

Albert Stuart Reece <sup>™</sup> & Gary Kenneth Hulse

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## Abstract

# Background

The genotoxic and cancerogenic impacts of population-wide cannabinoid exposure remains an open but highly salient question. The present report examines these issues from a continuous bivariate perspective with subsequent reports continuing categorical and detailed analyses.

### Method

Age-standardized state census incidence of 28 cancer types (including "All (non-skin) Cancer") was sourced using SEER\*Stat software from Centres for Disease Control and National Cancer Institute across US states 2001–2017. It was joined with drug exposure data from the nationally representative National Survey of Drug Use and Health conducted annually by the Substance Abuse and Mental Health Services Administration 2003–2017, response rate 7,4.1% Cannabinoid data was from Federal seizure data. Income and ethnicity data sourced from the US Census Bureau. Data was processed in R.

https://archpublichealth.biomedcentral.com/articles/10.1186 /s13690-022-00811-8



• Results for birth defects

11	1
1	

• alcohol 5

Cannabis constituents (cannabinoids)

• THC 40

• Cannabidiol (CBD)

 Cannabis causal in 45 of 62 birth defects in all in the US data

BMC Pediatrics

### RESEARCH

. . .

Geotemporospatial and causal inference epidemiological analysis of US survey and overview of cannabis, cannabidiol and cannabinoid genotoxicity in relation to congenital anomalies 2001–2015

Albert Stuart Reece<sup>1,2\*</sup> and Gary Kenneth Hulse<sup>1,2</sup>

### Abstract

Background: Cannabinoids including cannabidion have recognized genoloxic activities but their significance has not been studied broadly epidemiologically across the teratological spectrum. We examined these issues including contextual space-time relationships and formal causal inferential analysis in USA.

Methods: State congenital anomaly (IX) rate (IXA) data was taken from the annual reports of the National Birth Defects the resolute helevals (2011–2015) action are above as two energine from the National Survey of Diag. Use and Health a rationally representative longulational survey of the non-institutionatived US population with IX 14 he response rate Dualsy examined were organizeries, monthly and brings already memory carrieds and engages and corains abuse Early termination of pregnancy for abortion (ETOPFA) arises were taken from the published tilenature. Cannational concentrations were form Diag Enforcement Agency, Ethnicity and Grone data were from the US Census Bursua, Invesse probability weighted (IPW) regressions and geotemporospatial regressions conducted for selected CAs.

Results: Dala on 18,785.29 births from an aggregated population of 2,377,481.89 for mid year analyses 2005–2013 comprehending 12,611 CARS for Ca CAN was assembled and ERDFA concreded follow/RAG with wear appropriate. E-Values for FICOFFA.CRs by substance trends were elevated for THE (40 CAS, cannables 65 CAS, totaxco 11 CAS), cannables 65 CAS, totaxco 11 CAS, annables 65 CAS, annables 6

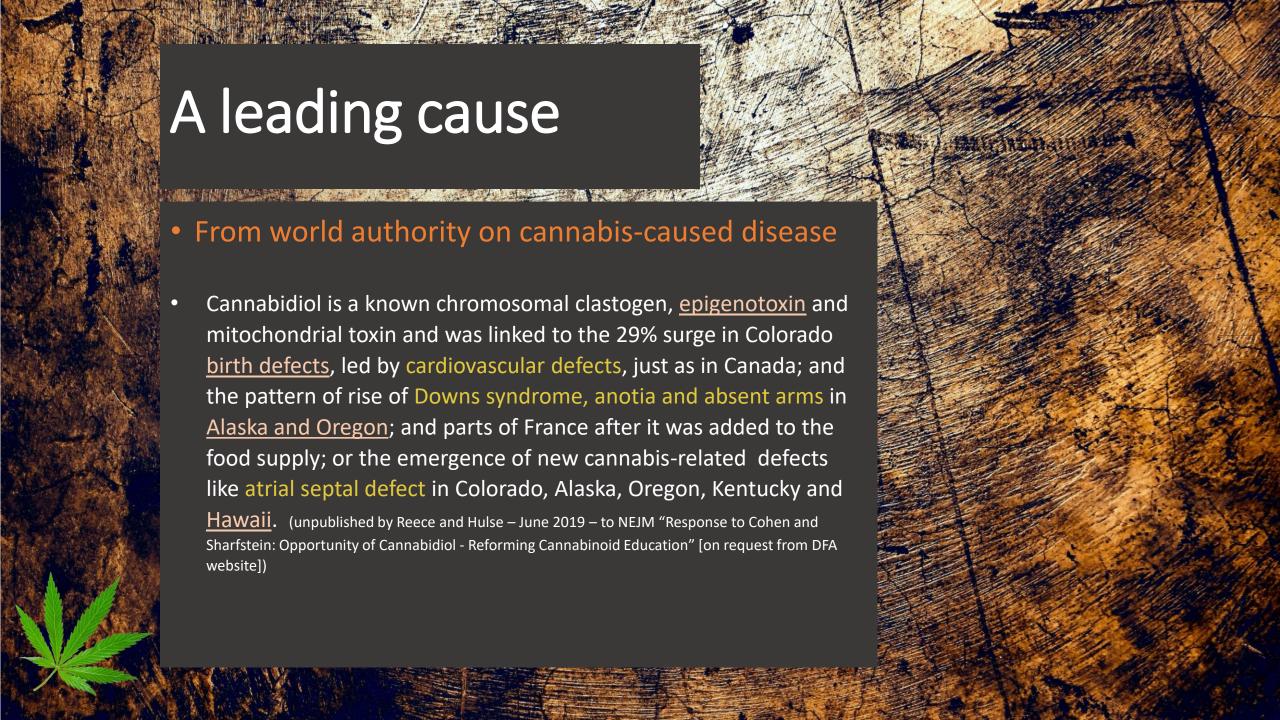
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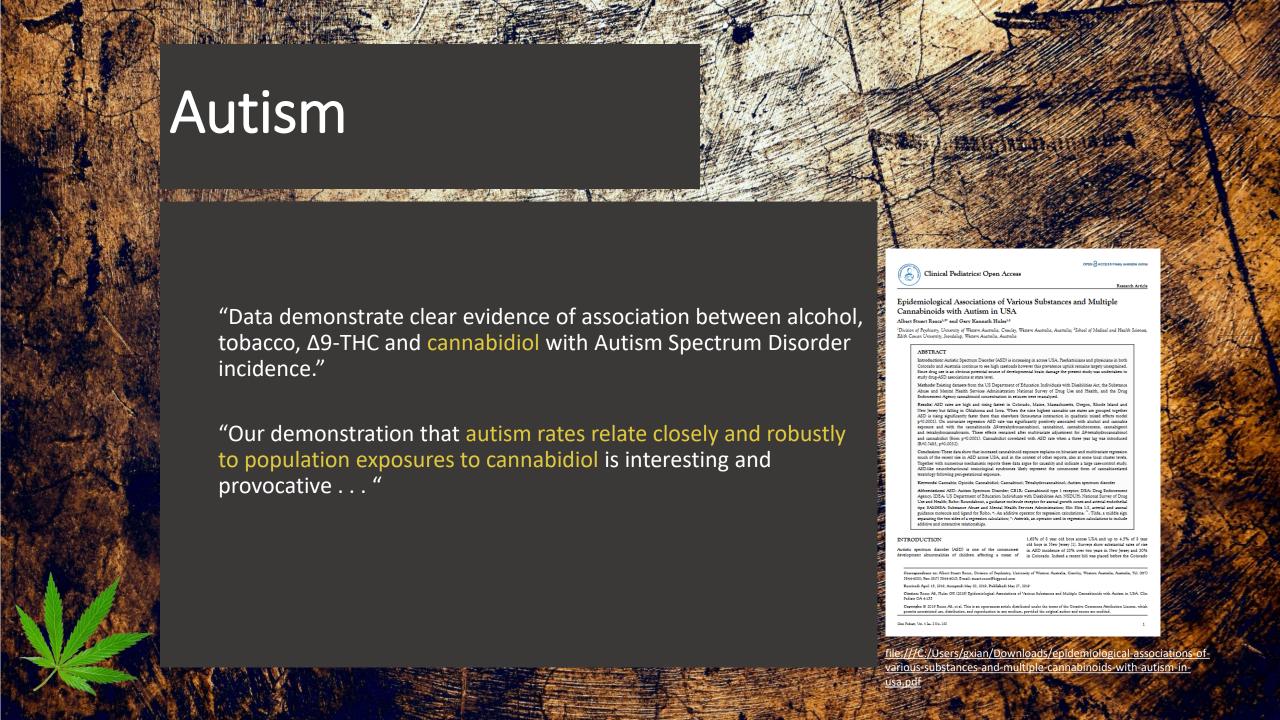


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2021 Article 2996.pdf







- Cannabidiol, when metabolised, transforms to THC
  - FDA-listed Adverse Reactions for CBD include THC-like symptoms such as suicidal ideation, depression and anxiety. This is the 'tell'.
  - Even admitted by Hemp Connoisseur magazine

"Could anomalies in results have resulted from the way gastric juices break down CBD within the human body? In a 2016 study published in Cannabis and Cannabinoid Research, by John Merrick and associates, it was noted that, "In recent epilepsy research, pediatric subjects receiving orally administered CBD showed a relatively high incidence of adverse events ( $\leq$ 44%), with somnolence ( $\leq$ 21%) and fatigue ( $\leq$ 17%) among the most common."4 This led the researchers to more closely investigate the accepted premise that CBD is non-psychoactive. They came to the conclusion that, "Gastric fluid without enzymes converts CBD into the psychoactive components  $\Delta$ 9-THC and  $\Delta$ 8-THC, which suggests that the oral route of administration may increase the potential for psychomimetic adverse effects from CBD."



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the-findings-from-one-study-conclude-it-is-possible/

https://hcmagazine.com/does-cbd-convert-to-thc-when-ingested-

