

How to Avoid Unconscious Incompetence in CBD Innovation



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Presenters

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General Cannabis Education

- ❑ “Chemistry and Analysis of Phytocannabinoids and Other Cannabis Constituents.” *The Analytical Chemistry of Cannabis: Quality Assessment, Assurance, and Regulation of Medicinal Marijuana and Cannabinoid Preparations*, by Brian F. Thomas and Mahmoud A. ElSohly, Elsevier/RTI International, 2016.
- ❑ Groom, Quentin. (2014). R.C. Clarke & M.D. Merlin (2013) – Cannabis: Evolution and Ethnobotany. *Plant Ecology and Evolution*. 147. 149-149. 10.5091/plevevo.2014.933.
- ❑ Henry, Philippe. (2015). Multivariate chemical analyses of common Cannabis cultivars. 10.13140/RG.2.1.4126.0644.
- ❑ National Academies of Sciences, Engineering, and Medicine (2017). *The Health Effects of Cannabis and Cannabinoids: The Current State of Evidence and Recommendations for Research*. Washington DC: The National Academies Press. DOI: <https://doi.org/10.17226/24625>
- ❑ Piomelli D, Russo EB (2016) The *Cannabis sativa* versus *Cannabis indica* debate: an interview with Ethan Russo, MD, *Cannabis and Cannabinoid Research* 1:1, 44–46, DOI: 10.1089/can.2015.29003.ebr.
- ❑ Thomas, Brian; ElSohly, Mahmoud. *The Analytical Chemistry of Cannabis*. Elsevier Press, 2015.
- ❑ VanDolah HJ, Bauer BA, Mauck KF (2019) Clinicians' Guide to Cannabidiol and Hemp Oils, *Mayo Clinic Proceedings* 94(9): 1840-1851, 2019. DOI: <https://doi.org/10.1016/j.mayocp.2019.01.003>

Regulatory

- ❑ Case Study: CBD Products And The “Wild West” Of Fraudulent Labels, *Organic Eye*, 2020. DOI: <https://organiceye.org/organic-cbd-labeling-fraud-investigation/>
- ❑ Corroon J, MacKay D, Dolphin W (2019). Labeling of cannabidiol products: A public health perspective. *Cannabis and Cannabinoid Research* 10(10). DOI: <https://doi.org/10.1089/can.2019.0101>
- ❑ U.S. Food & Drug Administration: Statement from FDA Commissioner Scott Gottlieb, M.D., on the process FDA is undertaking for reviewing and modernizing the agency’s standards of identity for dairy products, 2018. DOI: <https://www.fda.gov/news-events/press-announcements/statement-fda-commissioner-scott-gottlieb-md-pr-ocess-fda-undertaking-reviewing-and-modernizing>
- ❑ U.S. Food & Drug Administration: “What you need to know (and what we’re working to find out) about products containing cannabis or cannabis-derived compounds, including CBD.” FDA Consumer Updates 3/5/2020 (retrieved 9/18/20)

Human Applications

- ❑ Emerging Clinical Applications for Cannabis and Cannabinoids: A Review of the Recent Scientific Literature. Norml.org.
- ❑ Evaluation of pharmacokinetics and acute anti-inflammatory potential of two oral cannabidiol preparations in healthy adults, *Phytotherapy Research*, 2020 DOI: <https://onlinelibrary.wiley.com/doi/abs/10.1002/ptr.6651>
- ❑ Cannabidiol (CBD) Pre-Review Report. WHO Expert Committee on Drug Dependence, 2017.
- ❑ The Health Effects of Cannabis and Cannabinoids: The Current State of Evidence and Recommendations for Research. National Academies Press, 2017.
- ❑ Huestis MA. Human cannabinoid pharmacokinetics. *Chemistry & Biodiversity*. 2007;4(8):1770–1804.
- ❑ Grotenhermen F. Pharmacokinetics and pharmacodynamics of cannabinoids. *Clinical Pharmacokinetics*. 2003;42(4):327–360.