

CANNABIS AND MEDICINAL RESEARCH

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Cannabis microbiome sequencing: Implications for cannabis safety testing**Kyle Boyar**

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The cannabis plant and cannabis products are highly varied and complex matrices with each different product and route of administration having its own considerations for microbial testing. In the absence of rigorous study, this immature industry has decided to adopt methods commonly used in food testing to obtain information about the potential microbial hazards present. However, DNA sequencing of both the cannabis microbiome and the conditions before and after culturing tell a tale of inaccurate methodology. Many of the methods that are currently being employed are leading the cannabis industry astray, while blinding them to the real hazards that could be present. This presentation will walk you through the data that shows this and the discoveries we've made along the way that will hopefully open fresh discussions with new perspective on how to tackle microbiological contaminants in cannabis.

Biography

Kyle Boyar has pursued his Bachelor's degree in Neuroscience from the University of California Santa Cruz and was previously employed as a Laboratory Manager for SC Laboratories. He also serves as the Vice Chair and Scholarship Committee Chair for the American Chemical Society's Cannabis Chemistry subdivision.

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