



The Orange County Section of the American Chemical Society

January 2020 Dinner Meeting
Thursday, January 30, 2020

The Doubletree Club Hotel
7 Hutton Centre Drive, Santa Ana
Phone: 714-751-2400

Social: 5:30PM
Dinner: 6:00PM
Presentation: 7:20PM

**The Journey from Cannabis Testing Regulations
to Laboratory Science**

Dr. Swetha Kaul

Chief Scientific Officer at Cannalysis

Reservations

Please email OCACS@sbcglobal.net ASAP but no later than **12 noon on Tuesday, January 29, 2020**. Indicate if you will be attending the dinner and program or the program only, and list the names of all attendees. Dinner cost is \$30 for members and members' significant others; \$35 for non-members or those without reservations. Pay in cash or by check at the door, or mail a check in advance to OCACS, P.O. Box 211, Placentia CA 90871. **The first five students who register for a meeting will receive a \$10 discount on their dinner.**

There is no charge for attending the program only. However, voluntary donations will be accepted to help defray meeting costs.

Note: OCACS pays the hotel on the basis of the number of dinner reservations made. Your RSVP for dinner is a commitment to pay for dinner. Space may be limited.

Directions

Take the Costa Mesa Freeway (55), exit at MacArthur Blvd. and go west (towards South Coast Plaza). Turn left on to MacArthur Place. The DoubleTree *Club* Hotel is straight ahead on the left. (Do not turn right at MacArthur Place to the DoubleTree Hotel, which is easily mistaken for the DoubleTree Club Hotel.) Park in front of the hotel, or follow the signs. If the parking lot is full, ask the valet staff where to park.

The Journey from Cannabis Testing Regulations to Laboratory Science

Dr. Swetha Kaul

Chief Scientific Officer at Cannalysis

Abstract

For many industries, the journey from regulations to testing is fairly straightforward due to the standardization of testing methodologies and best practices guidelines. For a burgeoning new cannabis industry, these traditional guidelines simply do not exist and the regulatory landscape itself is constantly changing and evolving. The inconsistency and sometimes inadequacy of testing regulations as well as some very short deadlines for alterations pose significant challenges for analytical method development and validation. In this presentation, the California cannabis testing regulations as well as current analytical methodologies will be discussed. In addition, some of the challenges in bridging that gap between regulatory requirements and analytical method development will be outlined. The presentation will cover scenarios in which specific regulatory alterations have required laboratories to adopt new instrumentation as well as new methodologies in a very short amount of time. The overall impact of inconsistent regulations on testing laboratories and the cannabis supply chain will also be described. Finally, strategies that allow testing laboratories to have flexibility in responding to changes and developments in regulatory requirements will also be presented.

Biography

Dr. Swetha Kaul has over fifteen years of leadership and technical experience from academia, the pharmaceutical industry and the emerging field of cannabis testing. She has an MS in Pharmacology and Toxicology and a PhD in Analytical Chemistry from University of Kansas. Prior to joining the cannabis industry, Dr. Kaul worked at Allergan where she was responsible for leading drug development efforts. Her foray into cannabis began when she took on the role of Chief Scientific Officer at Cannalysis, a cannabis testing lab based in Santa Ana, California. As a member of the CCIA Board of Directors and Chair of the Quality Control Committee, Dr. Kaul has participated in developing and promoting key legislative and regulatory policies for the legal cannabis industry.