



**CANNABIS  
SCIENCES**  
VIRTUAL EVENT SERIES  
— MARCH 23, 2022 —

Date	Time	Track	Presentation Title	Speaker
23-Mar	06:00 - 07:00 AM	Medical Cannabis - Therapeutic Updates	Precision Therapeutics are Here	Len May, MSC CEO, Endocanna Health, Inc.
23-Mar	07:30 - 08:30 AM	Medical Cannabis - Therapeutic Updates	Keynote Presentation: Acidic Cannabinoids: Inactive Precursors or Powerful Therapeutics?	Dustin Sulak, DO Founder and Medical Director, Integr8 Health and Co-founder of Healer.com
23-Mar	09:00 - 10:00 AM	Medical Cannabis - Therapeutic Updates	Keynote Presentation: Preliminary Results from the Radicle Science ACES Study, History's Largest Longitudinal Trial of CBD Products	Jeff Chen, MD/MBA CEO & Cofounder, Radicle Science
23-Mar	10:30 - 11:30 AM	"Hot Topics"	Debunking Myths and Misconceptions of the Psychedelics Industry	Jahan Marcu, PhD Founding Partner, Marcu & Arora; Chief Scientific Officer, Physicians Research Center Plus
23-Mar	12:00 - 01:00 PM	The Evolving Regulatory Landscape	Struggling to Follow the USDA's New Hemp Testing Rules: LIMS Makes it Easy	Arun Apte CEO, CloudLIMS
23-Mar	01:30 - 02:30 PM	Advancements in Cultivation and Extraction Methods	Microbe Ubiquity: The Myth of Sterile Cultivation Systems	Michael J. DiLegge, MSc Director of Microbiology, Impello Biosciences, Inc.

23-Mar	03:00 - 04:00 PM	Analytical Testing and Automation	Standardization in Cannabis Pesticide Testing: Development of an LC-MS/MS and GC-MS/MS Method to Meet AOAC Standard Method Performance Requirements	Thomas Barkley Chief Scientific Officer, Trichome Analytical
23-Mar	05:30 - 05:30 AM	Advancements in Cultivation and Extraction Methods	An Evaluation of the Growing Environment on the Production of Secondary Metabolites in Cannabis Plants	Scott Churchill Vice President of Scientific Development, MCR Labs
23-Mar	11:55 - 11:55 PM	Analytical Testing and Automation	Bringing Cannabis Testing In-house? Be Sure to Select the Right LIMS for Your Extraction Lab	Martha Hernández Scientist, CloudLIMS.com
23-Mar	11:55 - 11:55 PM	"Hot Topics"	Can Cannabis-Derived Data be Monitored in the FDA FAERS Database?	Teresa A. Simon, MPH, MT Chief Executive Officer, Physicians Research Center, LLC
23-Mar	11:55 - 11:55 PM	"Hot Topics"	Liquid Chromatography - Tandem Mass Spectrometry Discovery and Profiling of Anthocyanin Flavonoids in Cannabis	Kevin A. Schug, PhD Professor and Shimadzu Distinguished Professor, Analytical Chemistry, Department of Chemistry & Biochemistry, The University of Texas Arlington
23-Mar	11:55 - 11:55 PM	Analytical Testing and Automation	Making Cannalytical Chemistry Greener, Cleaner, and More Profitable	Ross Hansen Vice President of Sales, Axcend
23-Mar	11:55 - 11:55 PM	Analytical Testing and Automation	Overcoming Challenges Associated with Analysis of Pesticides Regulated by Colorado State in Hemp Using a Novel LC/MS/MS Method with Dual ESI and APCI Source	Avinash Dalmia, PhD Senior Principal Application Scientist, PerkinElmer
23-Mar	11:55 - 11:55 PM	Medical Cannabis - Therapeutic Updates	Prescription Patterns and Clinical Outcomes from a Large Cohort of Chronic Pain Patients Prescribed with Cannabis-Based Formulations at Zerenia™ Clinic in Bogotá, Colombia	Guillermo Moreno-Sanz, PhD Scientific Director, Khiron Life Sciences
23-Mar	11:55 - 11:55 PM	Analytical Testing and Automation	Sample Workflow Optimization Including Sample Preparation Techniques for Prevention of Sample Cross-Contamination	Katherine M. Evans, PhD CEO/Owner, Longboard Scientific Consulting
23-Mar	11:55 - 11:55 PM	Analytical Testing and Automation	Science Made Simple- Meet Microbial Regulations & Protect Cannabis Consumers	Maria McIntyre Strategic Operations Business Manager: Cannabis + Hemp Microbiology, bioMérieux

23-Mar	11:55 - 11:55 PM	"Hot Topics"	Solutions for THC Quantitation: Separation of 4 Tetrahydrocannabinol Isomers: $\Delta 6a/10a$ , $\Delta 8$ , $\Delta 9$ , and $\Delta 10$ using LC-MS	Jennifer Davis LCMS Product Coordinator at Shimadzu Scientific Instruments, Inc., Columbia, MD
23-Mar	11:55 - 11:55 PM	"Hot Topics"	The Use of Polysaccharide-based Chiral Stationary Phases for the Achiral and Chiral Separation of Cannabinoids	Weston Umstead, PhD Technology and Business Development Manager, Chiral Technologies, Inc