



**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. |

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| 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 |

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| 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 |