



MARCH 27-28, 2019

# '19 CANNABIS SCIENCES

| Date   | Time                      | Track                                  | Presentation Title  | Speaker  |
|--------|---------------------------|--|---|--|
| 27-Mar | 06:00<br>-<br>07:00<br>AM | Analytical Testing                     | Automating Cannabis Testing with LIMS and Laboratory Automation                   | Christine Paszko, PhD, MT (ASCP)<br>Sr. Vice President, Sales & Marketing, Accelerated Technology Laboratories, Inc.   |
| 27-Mar | 06:00<br>-<br>07:00<br>AM | Making Cannabis Mainstream             | Cannabis as an Anticancer Treatment: The Scientific and Human Evidence            | Justin Kander<br>Research and Development Coordinator, The Oil Plant, Inc.   |
| 27-Mar | 06:00<br>-<br>07:00<br>AM | Cannabis Advances & Technology Updates | Cannabis Research: The Short Road Traveled and the Long Road Ahead                | Marcel Bonn-Miller, PhD<br>Research Director, The Lambert Center for the Study of Medicinal Cannabis & Hemp, Adjunct Assistant Professor of Psychology, Department of Psychiatry, University of Pennsylvania School of Med |
| 27-Mar | 07:30<br>-<br>08:30<br>AM | Making Cannabis Mainstream             | Keynote Presentation: Cannabis for Health Promotion and Disease Prevention        | Dustin Sulak, DO<br>Founder and Medical Director, Integr8 Health and Co-founder of Healer.com  |
| 27-Mar | 09:00<br>-<br>10:00<br>AM | Cannabis Advances & Technology Updates | Keynote Presentation: Considering Cannabis as a Traditional Crop                  | Gia Fazio, PhD<br>Independent Consultant   |
| 27-Mar | 09:00<br>-<br>10:00<br>AM | Analytical Testing                     | Navigating The Road to Getting Your Cannabis Laboratory ISO 17025 Certified       | Julie Taylor<br>CEO, North Star Scientific Solutions   |
| 27-Mar | 10:30<br>-<br>11:30<br>AM | Cannabis Advances & Technology Updates | Cannabis-Based Therapeutics: Indication, Formulation, and Route of Administration | Guillermo Moreno-Sanz, PhD<br>Scientific Director, Khiron Europe   |

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| 27-Mar | 10:30 - 11:30 AM | Extraction and Purification            | From Prohibition to Paradigm: Challenges in Cannabis Pest Management and The Opportunities They Present | Jason Matlock, PhD<br>Owner/Principal Consultant, Grand Cru, LLC  |
| 27-Mar | 10:30 - 11:30 AM | Regulatory Landscape                   | Panel Discussion: The Benefits and Challenges of Cannabis in Pediatric Conditions in Legal States       | Kenton Crowley, Pharm. D., FAARFM, ABAAHP<br>Palliative Patient Care Corp<br>Janelle Donovan<br>CEO and CO-Founder, ANSHI<br>Herah Osborne<br>Nevada Sales Manager, Silver State Trading Inc.<br>Dawn Wells                 |
| 27-Mar | 10:30 - 11:30 AM | Cannabis Advances & Technology Updates | The Future of the Cannabis Supply Chain   | Benjamin Chiarelli<br>Founder and Chief Executive Officer, Cellibre   |
| 27-Mar | 12:00 - 01:00 PM | Extraction and Purification            | Controlling Terpenes and Cannabinoids in Flower and Extract   | Markus Roggen, PhD<br>Founder & CEO, Complex Biotech Discovery Ventures   |
| 27-Mar | 12:00 - 01:00 PM | Cannabis Advances & Technology Updates | Opportunities and Challenges for Applying Machine Learning in the Cannabis Space                        | James Eaves, PhD<br>Professeur titulaire/Full Professor, Département de management/<br>Department of Management, Faculté des sciences de<br>l'administration / Business School Pavillon Palasis-Prince,<br>Université Laval |
| 27-Mar | 12:00 - 01:00 PM | Analytical Testing                     | Use of Gas Chromatography for the Analysis of Cannabinoids and Terpenes                                 | Allegra Leghissa, PhD<br>Postdoctoral Researcher, The University of Texas at Arlington  |
| 27-Mar | 12:00 - 01:00 PM | Extraction and Purification            | Using an SFx Workflow to Enrich and Purify Cannabinoids   | Shawn Helmueller<br>Chief Scientific Officer, Deutsche Process  |
| 27-Mar | 01:30 - 02:30 PM | Regulatory Landscape                   | Exploring AuditProHBX, A Regulatory Compliance Tool to Save Money, Time and Liability                   | Ezra Pryor<br>Applied Markets Specialist, Heidolph North America, Development<br>Chair at the Cannabis Chemistry Subdivision at the American<br>Chemical Society's Chemical Health and Safety Division                      |
| 27-Mar | 01:30 - 02:30 PM |  | Sensible Cannabis Education Rather Than False Scare Tactics   | Rylie Maedler<br>President & Founder, Rylie's Smile Foundation  |

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| 27-Mar | 01:30<br>-<br>02:30<br>PM | Making Cannabis Mainstream  | The Efficacy of High CBD Low THC for Better Outcomes in Medical Marijuana Treatment Programs  | Ruth Bertrand, LPN<br>Member ACNA, Member Delaware NORMYL and Delaware Cannabis Advocacy Network, Medical Marijuana Patient Advocate-Consultant |
| 27-Mar | 01:30<br>-<br>02:30<br>PM | Analytical Testing          | The Role of LIMS in Achieving ISO 17025 Compliance in Cannabis Testing Laboratories   | Arun Apte<br>CEO, CloudLIMS   |
| 28-Mar | 06:00<br>-<br>07:00<br>AM | Regulatory Landscape        | Challenges of Cannabis Testing in the US and Abroad   | Deborah Miran<br>Former Commissioner, Maryland Medical Cannabis Commission  |
| 28-Mar | 06:00<br>-<br>07:00<br>AM | Analytical Testing          | GemmaCert, a NIR Spectroscopy-Based Solution as a Non-Destructive mMethod for Rapid, Accurate and Affordable Method for Cannabis Potency Analysis | Roni Attali, PhD<br>VP of Research & Compliance, GemmaCert  |
| 28-Mar | 06:00<br>-<br>07:00<br>AM | Extraction and Purification | Optimization Study of Supercritical Fluid Extraction of Cannabinoids from Cannabis Sativa   | Eric Kawka<br>Founder, Cattis Scientific  |
| 28-Mar | 06:00<br>-<br>07:00<br>AM | Regulatory Landscape        | Testing Challenges in the US Cannabis Industry  | Deborah Miran<br>Former Commissioner, Maryland Medical Cannabis Commission  |
| 28-Mar | 07:30<br>-<br>08:30<br>AM | Making Cannabis Mainstream  | Keynote Presentation: Cannabis for Mental Health: What Consumers Need to Know   | Jan L. Roberts, LCSW<br>CEO, Director of Translational Research, International Research Center on Cannabis and Mental Health                    |
| 28-Mar | 09:00<br>-<br>10:00<br>AM | Analytical Testing          | Analysis of Cannabis for Pesticides and Mycotoxins Using UPLC-MS/MS and GC-MS/MS  | Marian Twohig, PhD<br>Principal Scientist, Scientific Operation, Waters Corporation   |
| 28-Mar | 09:00<br>-<br>10:00<br>AM | Analytical Testing          | Analytical Variations: Old Problem - New Consequences   | Matt Haskin<br>CEO, Certus Analytics, Founder, CannaSafe Analytics  |
| 28-Mar | 09:00<br>-<br>10:00<br>AM | Making Cannabis Mainstream  | Cannabis and the Autistic Spectrum  | Patricia Frye, MD<br>Medical Cannabis Specialist and Lecturer, Takoma Park Alternative Care   |

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| 28-Mar | 10:30 - 11:30 AM | Cannabis Advances & Technology Updates | Considering Cannabis as a Traditional Crop   | Gia Fazio, PhD<br>Independent Consultant   |
| 28-Mar | 10:30 - 11:30 AM | Making Cannabis Mainstream             | Medical Cannabis Pharmacogenomics and Drug Interactions  | Jahan Marcu, PhD<br>Founding Partner, Marcu & Arora; Chief Scientific Officer, Physicians Research Center Plus   |
| 28-Mar | 10:30 - 11:30 AM | Analytical Testing                     | Navigating The Road to Getting Your Cannabis Laboratory ISO 17025 Certified                            | Julie Taylor<br>CEO, North Star Scientific Solutions   |
| 28-Mar | 10:30 - 11:30 AM | Regulatory Landscape                   | Panel Discussion: Everyday Challenges of Being a Parent in a Non-Legal State                           | Kenton Crowley, Pharm. D., FAARFM, ABAAHP<br>Palliative Patient Care Corp<br>Lelah Jerger<br><br>Jill Swing<br>President and Founder, SC Compassionate Care Alliance |
| 28-Mar | 10:30 - 11:30 AM | Regulatory Landscape                   | Playing Catch-Up: How Federal Policy is Lagging Behind State Cannabis Programs                         | David Mangone, Esq.<br>Director of Government Affairs, Legislative Counsel, Americans for Safe Access  |
| 28-Mar | 12:00 - 01:00 PM | Cannabis Advances & Technology Updates | Cannabis is Personal! Learn How Your Genetics Play a Big Roll  | Len May, MSC<br>CEO, Endocanna Health, Inc.  |
| 28-Mar | 12:00 - 01:00 PM | Analytical Testing                     | Considerations for Scaling Evaporation Processes Following Cannabis Extraction at the Industrial Scale | Evan Moser<br>Chief Engineer, Deutsche Process   |
| 28-Mar | 12:00 - 01:00 PM | Making Cannabis Mainstream             | The Intersection of Nutrition, Microbiome and Medical Cannabis   | Debra Kimless, MD<br>Medical Director, ForwardGro  |
| 28-Mar | 01:30 - 02:30 PM | Analytical Testing                     | How Multiplexed Microarray Technology is Revolutionizing Microbial Testing in Cannabis                 | Milan Patel<br>Co-Founder and CEO, PathogenDx  |

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| 28-Mar | 01:30<br>-<br>02:30<br>PM | Regulatory<br>Landscape          | Impact of Cannabis Prohibition on Patients,<br>Veterans and Small Business Owners | Joe Grumbine<br>CEO, Willow Creek Springs Inc.                            |
| 28-Mar | 01:30<br>-<br>02:30<br>PM | Making<br>Cannabis<br>Mainstream | Using Cannabis: What You Need to Know to Get<br>Started Safely                    | Kenton Crowley, Pharm. D., FAARFM, ABAAHP<br>Palliative Patient Care Corp |