

Day 1	
8:00-9:00	Opening Onsite Registration-OCC Lobby
Opening Session-OCC Auditorium	
8:30-10:20	<p>Ikhlas Khan, Director of National Center for Natural Products Research (NCNPR) , University of Mississippi</p> <p>Namrita Lall, ISE President</p> <p>Donna Strum, Dean of the School of Pharmacy, University of Mississippi</p> <p>John Higginbotham, Vice Chancellor of Research and Economic Development, University of Mississippi</p> <p><b>Key Note Address:</b> Daniel Edney, State Health Officer, Mississippi Department of Health</p> <p><b>Special Guest Speaker:</b> Vaidya Rajesh Kotecha, Secretary Ministry of Ayush, India</p> <p>Bill Gurley, Principal Scientist, NCNPR, University of Mississippi "30 Years of NCNPR's Commitment to Botanical Research"</p>
10:30-10:50	Break
OCC Auditorium	
Session 1	Current Status and Future Outlook
10:50-11:20	Chair: Mark Blumenthal, American Botanical Council
11:20-11:50	Bill Giebler, Nutrition Business Journal, "Herbs in Commerce: Sales Trends and Consumer Attitudes in the \$13 Billion U.S. Herbal Supplement Market"
11:50-12:00	Loren Israelsen, UNPA , "MAHA, Tariffs and Trade Policy: Opportunity and Challenges for Botanicals"
12:00-1:00	Conference Photography
Lunch (OCC Cedar Room)	
OCC Auditorium	
Session 2a	Quality Control Conundrum
1:00-1:30	Chair: Brian Schaneberg, Illinois Tech Institute for Food Safety and Health
1:30-2:00	Katie Banaszewski, Now Health Group , "Rooted in Quality: Elevating Standards in Botanical Supplements"
2:00-2:30	Cris Amarillas, Eurofins Botanicals , "Moving from conundrum to solution. Understanding the riddle of data, supply chains and botanical complexity"
2:30-3:00	Andrew Shao, Chromadex , "Supplement product quality woes: A call to action"
OCC Auditorium	
Session 3a	Emerging Challenges and Opportunities
3:00-3:30	Chair: Gailen Marshall, UMMC
3:30-4:00	Victor Navarro, Einstein Healthcare Network , "An Update from the U.S. Drug Induced Liver Injury Network and Plans for Sentinel Surveillance for Supplement Induced Liver Injury"
4:00-4:30	Bill Gurley, University of Mississippi, "Dosage form performance assessment of four commercially available turmeric-containing dietary supplements to inform clinical study design."
OCC Auditorium	
Session 4	
4:30-5:30	Chair: JD McChesney, Cloaked Therapeutics, LLC
6:00-8:00	Rodney Rocconi, University of Mississippi Medical Center , "UMMC Cancer Center & Research Institute Partnership with the National Center for Natural Product Research"
Reception/Mixer -Special Guest of Honor: Vaidya Rajesh Kotecha , Secretary of the Ministry of AYUSH	
Award Presentation: Life Time Achievement and 30th Anniversary of NCNPR	

(The Lyric-1006 Van Buren Avenue, Oxford, MS 38655)			
Day 2			
Update And Future Perspectives From The FDA			
Moderator And Session Chair: Greg Noonan, Food & Drug Administration			
8:30-10:00	Greg Noonan, Food & Drug Administration, "Human Foods Program Risk Pillars and Unified Laboratory Operations"		
	Hellen Oketch, Food & Drug Administration, "Ensuring Authenticity: Best Practices for Botanical Constituent Evaluation"		
	Cassandra Taylor, Food & Drug Administration, "TBA"		
10:00-10:30	Break		
Session 6a	OCC Auditorium	Session 6b	OCC Magnolia
	Ashwagandha: Evaluating its Safety in Human Consumption		Drug Discovery of Natural Products
	Chair: Thomas Brendler, University of Johannesburg		Chair: Ryan Yates, NCNPR, University of Mississippi
	Thomas Brendler, Plantaphile, "Ashwagandha: is it safe? A review of the clinical evidence."		10:30-10:45 Pradeep Kumar Dua, WHO , "TBA"
	Guenter Vollmer, TU Dresden, "Evaluation of potential hormonal activities of Ashwagandha (Withania somnifera)"		10:45-11:00 Rachel Mata, Universidad Nacional Autónoma de México , "Chemical, Nutritional, and Pharmacological Studies of "Ari""
	Jo Barnes, University of Auckland, "Publicly available online data from national adverse event reporting schemes: observations on cases involving 'ashwagandha'"		11:00-11:15 Salome Mahlo, University of Limpopo, "South African plants with potential applications in traditional medicine for wound healing"
	Mukesh Summan, Kerry, "Ashwagandha – Is it Safe? A Toxicologist’s Perspective"		11:15-11:30 Kashif Shamim, University of Mississippi , "Assessing Andrographis paniculata for Antiviral Resilience: A Preclinical Study with Translational Relevance"
	Raman Kaushik, CCRAS, "AYUSH Updates on Ashwagandha"		11:30-11:45 Saad Harti, Legacy Healthcare, "Efficacy and safety of a prescription botanical drug, cinainu, in pediatric alopecia areata: an international, double-blind, randomized, placebo-controlled, phase 2/3 trial"
			11:45-12:00 Deshanie Rai, OmniActive Health Technologies, "Caffeine-free plant-based nootropics: the evolving science and regulatory journey of Alpinia Galanga ."
			12:00-12:15 Julie Daoust, M2 Ingredients , "Functional mushrooms supplementation as a prebiotic fiber impacting microbiome composition, the gut metabolome and impact on the intestinal epithelial barrier integrity"
12:15-1:00	Lunch (OCC Cedar Room)		
Session 7a	OCC Auditorium	Session 7b	OCC Magnolia
	Cannabinoids - Endo, Phyto, Psycho and Pseudo		Clinical Research and Herbal Medicine
	Chair: Larry Walker, Emeritus University of Mississippi		Chair: Mary Hardy, UCLA
	1:00-1:30 Jeffrey Block, Nurturing Nature Group Consultants, "Perspectives on Clinical Cannabinoids: A Physician-Botanist’s Insight to Therapeutic Applications"		1:00-1:30 Amir Rafie, Valiance Clinical Research, "A Randomized, Double-Blinded, Parallel, Placebo-Controlled Clinical Trial to Study the Effect and Safety of Korean Red Ginseng Extract Powder on Cardiovascular Health markers in Healthy Adults"
	1:30-2:00 Larry Walker, Emeritus University of Mississippi , "Cannabidiol and Other Minor Cannabinoids: Pharmacological Targets and Interactions with THC."		1:30-2:00 Belinda Tan, People Science, "Innovation Meets Rigor: A Case Study of Decentralized Clinical Trials in Consumer Health Research"
	2:00-2:30 Mahmoud ElSohly, University of Mississippi , "Intoxicating Cannabinoids and Impurities in Hemp-derived Products in US Markets"		2:00-2:30 Hung-Rong Yen, China Medical University, Taiwan, "Herbal Medicine for the Management of Asthma in Taiwan: Insights from Big Data, Laboratory Studies, and Clinical Research"
	2:30-3:00		Break
	OCC Auditorium		OCC Magnolia
	Session 8a		Session 8b
	MoCRA: Year in Review Post FDA Implementation and Future Directions		Advancing Botanical Safety
Chair: Rick Kingston, Safety Call	Chair: Shabana Khan, NCNPR, University of Mississippi		
Rick Kingston, Safety Call, "Cosmetic Adverse Events and the Product Safety Landscape"	3:00-3:15 Amy L. Roe, Procter & Gamble Company , "Advancing Botanical Safety Through Collaborative Innovation: Updates from the Botanical Safety Consortium"		
Jannavi Srinivasan, Food & Drug Administration, "TBA"	3:15-3:30 Hunter Edwards, NemaLife Inc., "BioSeq: A molecular intelligence platform based on organism-on-chip technology for bridging data gaps between C. elegans and Humans"		
3:00-4:30	3:30-3:45 Igor Koturbash, University of Arkansas for Medical Sciences, "Effects of caffeinated green tea extract and exercise in obese NZO/HILtJ mice"		
	3:45-4:00 Sudip Mondal, VivoVerse, "C. elegans-Based Assays To Identify The Health Benefits And Safe Doses Of Food Ingredients"		
	4:00-4:15 Angela Calderon, Auburn University , "Study of the mechanism of drug-induced toxicity produced by açai-anticancer drug interactions"		
5:30-8:00	POSTER SESSION (OCC Cedar Room)		
6:00-8:00	Chair: Amar Chittiboyina, NCNPR, University of Mississippi		
	Dinner-OCC Cedar Room		

Day 3			
International Perspective			
Moderator And Session Chair: <b>Herman Stuppner</b> , <i>University of Innsbruck</i>			
8:30-10:00	<p><b>Helen Sheridan</b>, Trinity College Dublin, "Unlocking Nature's Pharmacy: Using hidden secrets from Post Famine Ireland to direct modern scientific exploration of Irish Bogland Species."</p> <p><b>Salvador Canigueral</b>, University of Barcelona, "The contribution of the European Pharmacopoeia to the quality control of herbal medicinal products"</p> <p><b>Alvaro Viljoen</b>, Tshwane University of Technology, "African traditional medicine – Challenges and opportunities in the globalization of an ancient healing modality"</p>		
10:00-10:30	Break		
Session 10a	OCC Auditorium	Session 10b	OCC Magnolia
	Access-Benefit-Sharing: quid Agis and quo Vadis?		Medicinal Botanicals and Pharmacological Insights
	Chair: <b>Jon Wardle</b> , <i>Southern Cross University</i>		Chair: <b>Michael Smith</b> , <i>ISURA</i>
	10:30-10:55		10:30-10:55
	<b>Damien Krichewsky</b> , <i>University of Bonn</i> , "Engaging ABS: an opportunity for sustainability transformation?"		<b>Minho Shong</b> , <i>Korea Advanced Institute of Science and Technology</i> , "Red Ginseng extract enhances mitochondrial function and alleviates immunosenescence in T cells"
10:55-11:20	<b>Ulrich Feiter</b> , <i>Parceval(PTY) Ltd.</i> , " From Biopiracy to ABS Compliance"	10:55-11:20	<b>Sasitorn Chusri</b> , <i>Mae Fah Luang University</i> , "Neuroprotective Potential of Thai Traditional Medicine and Medicinal Plant Extracts: Unveiling Anti-Inflammatory and Cognitive Benefits Against LPS-Induced Neuroinflammation"
11:20-11:45	<b>Rupert Koopman</b> , <i>Rupertkoopman.com</i> , "Using a biodiversity hotspot : lessons from supporting the Wild fynbos flower harvesting trade"	11:20-11:45	<b>Domenico V. Delfino</b> , <i>University of Perugia</i> , " Selective effect of cucurbitacin D extracted from <i>Elaeocarpus hainanensis</i> on ZNF217 oncogene modulation in the nucleophosmin-mutated acute myeloid leukemia cells"
11:45-12:00	Panel Discussion	11:45-12:05	<b>Maged S. Abdel-Kader</b> , <i>Prince Sattam bin Abdulaziz University</i> , "Traditional medicine: An indispensable source of bioactive entities"
12:00-1:00	Lunch (OCC Cedar Room)		
Session 11	OCC Auditorium		
	Resource Center for Cannabis & Cannabinoid Research: The Long-Awaited Center Has Arrived		
	Chair: <b>Ikhlas Khan</b> , <i>University of Mississippi</i>		
	<b>Patrick Still</b> , <i>National Institute of Health</i> , Overview of the Center		
	<b>Mary Paine</b> , <i>Washington State University</i> , Highlights of the Research Support Core		
1:00-2:30	<b>Nandakumara Sarma</b> , <i>United States Pharmacopeia</i> , Highlights of the Regulatory Guidance Core		
	<b>Mahmoud ElSohly</b> , <i>University of Mississippi</i> , Highlights of the Regulatory Guidance Core		
3:30-5:00	ICSB Yard Games & Competition		
6:00-8:00	Bowling And Southern Fish & Chicken (Premier Lanes, 204 Commonwealth Blvd., Oxford, MS)		

Day 4	
OCC Auditorium	
Science Behind Traditional Medicine	
Moderator And Session Chair: <b>Alvaro Viljoen</b> , <i>Tshwane University of Technology</i>	
8:30-10:00	<p><b>Robin Marles</b>, Emeritus Health Canada, "Insights from Ethnobotanical Research in North America, Latin America, and West Africa Into the Phytochemical Quality, Pharmacokinetics, Pharmacodynamics, and Toxicology of Botanicals"</p> <p><b>Rudi Bauer</b>, University of Graz, "The relevance of gut microbiota for the activity of herbal drugs"</p> <p><b>Joanne Lee</b>, Korean Red Ginseng Corp. "Korea Ginseng Corporation: Ginseng Expertise Since 1899"</p>
10:00-10:30	Break
OCC Auditorium	
Session 13	Sense and Essence
Chair: <b>Stefan Gafner</b> , <i>American Botanical Council</i>	
<p><b>Namrita Lall</b>, <i>University of Pretoria</i>, "African cosmetics: more than just oils. Case studies of cosmeceuticals from terrestrial and wetland environments in Southern Africa"</p> <p><b>Nicole Stevens</b>, doTERRA, "Ancient Wisdom, Modern Science: The Chemistry and Biochemistry of Copaiba Volatile Oil"</p> <p><b>Marco Leonti</b>, University of Cagliari, "How Taste Shaped the Use of Botanical Drugs"</p> <p><b>Prabodh Satyal</b>, doTERRA "Insights into the Degradation of Essential Oils: Mechanisms, Impacts, and Prevention Strategies"</p>	
10:30-12:00	
12:00-1:00	Lunch (OCC Cedar Room)
OCC Auditorium	
Session 14	Integrating Lab Data, Audits, Standards, and Research: The Path to Improving Cannabis and Hemp Product Quality
Chair: <b>Alena Rodriguez</b> , <i>S3 Collective</i>	
1:00-1:20	<b>Alena Rodriguez</b> , <i>S3 Collective</i>
1:20-1:40	<b>Yasha Kahn</b> , <i>MCR Labs</i>
1:40-2:00	<b>Robert Welch</b> , <i>The University of Mississippi</i>
2:00-2:20	<b>Darwin Millard</b> , <i>Cannabis Science and Quality (CSQ)</i>
6:30 onwards	Closing Ceremony & Banquet (OCC Cedar Room)