

Wednesday June 24, 2020

**Institute for Food, Health, and Nutrition
61 Dudley Rd, New Brunswick, NJ 08901**

4:00 pm	ACMAP Board of Directors Meeting
6:00-8:00 pm	Welcome Reception

Thursday June 25, 2020

**Trayes Hall, Douglass Student Center
100 George St, New Brunswick, NJ 08901**

	<i>*All Meetings will be held in the Douglass Student Center unless noted otherwise</i>	
7:00 am	Registration and Poster Setup	
8:30 am	Opening	
9:00 am	Plenary Presentation: <i>Advances in Natural Products and Polyphenols for the Preservation of Cognitive and Psychological Resilience</i> Dr. Giulio M. Pasinetti, Mt. Sinai School of Medicine, NY, USA	
10:00 am	Break	
10:30 am	Session 1 - Grape derived Polyphenols	Session 2 – Ethnobotany
	<i>Session Chair: Dr. Jim Simon</i>	<i>Session Chair: Dr. Rodolfo Juliani</i>
	<i>Keynote: TBD</i>	<i>Keynote: Dr. Michael Balick (New York Botanical Garden, USA)</i> <i>Using Indigenous Knowledge to Improve Healthcare Systems in Developing Countries: Case Studies from Micronesia</i>

		Dr. Umesh Reddy (West Virginia State University, USA) <i>Natural variation of phytochemicals in various Capsicum spp.</i>
	Dr. Cristiana Caliceti (University of Bologna, Italy) <i>Grape Pomace as a Sustainable Source of Bioactive Compounds for Cosmeceutical Applications</i>	Dr. Ramu Govindasamy (Rutgers University, USA) <i>Marketing of Fresh Market Turmeric</i>
	TBD	
12:00 Noon	Lunch and Visit Posters Optional tour of the New Use Agricultural Labs (GC/MS Shimadzu HeadSpace and SPME; UPLC-QQQMS; LC/Q-TOF and more; 10 minute walk to lab)	
1:30 pm	Session 3 – Resveratrol and Analogs	Session 4 – Field, Greenhouse and Indoor Cultivation
	<i>Session Chair:</i> Dr. Fabricio Medina-Bolivar	<i>Session Chair:</i> Dr. Gary Stutte
	<i>Keynote:</i> Dr. Fabricio Medina-Bolivar (Arkansas State University, USA) <i>Natural Prenylated Resveratrol Analogs: Bioproduction and Biological Activities</i>	<i>Keynote:</i> TBD
	Dr. Eric Courot (Université de Reims Champagne-Ardenne, France) <i>Grapevine Cell Cultures for the Bioproduction of Bioactive Resveratrol and Derivatives: Some Fundamental and Applied Considerations</i>	Dr. Rao Mentreddy (Alabama A&M University, USA) <i>Low Temperature Atmospheric Plasma: A Potential Tool for Promoting Sprouting of Turmeric Rhizomes and Plant Growth</i>

	Ketaki Gadkari (Long Island University, USA) <i>Gnetin C: Does Dimer-Resveratrol Offer Twice the Benefit of Chemoprevention in Prostate Cancer?</i>	Jeffrey Adelberg (Clemson University, USA) <i>Physical Factors Increased Quantity and Quality of Micropropagated Apical Shoots of Cannabis sativa L. in a Repeated Harvest System</i>
3:00	Break	
3:30	Session 5 - Metabolic Syndrome	Session 6 - Modern Analytical Techniques in Botanical Research
	<i>Session Chair:</i> Dr. Jim Simon	<i>Session Chair:</i> Dr. Josh Kellogg
	<i>Keynote:</i> Dr. Ilya, Raskin (Rutgers University, USA) <i>Advances in Natural Products for Metabolic Syndrome and Gut Health</i>	<i>Keynote:</i> Dr. Josh Kellogg (Penn State University, USA) <i>Metabolomic Profiling and Modeling for Botanical Phytochemical Analysis</i>
	TBD	TBD
	TBD	TBD
5:00	Group Picture	
6:00	Poster Session	
7:00	Dinner on your own	

Friday June 26, 2020 Trayes Hall, Douglass Student Center 100 George St, New Brunswick, NJ 08901	
8:00 am	Registration
9:00 am	Plenary Presentation: <i>Data, Myths and Politics: Recent findings and applications for cannabinoids in human health</i> Dr. Jahan Marcu, International Research Center on Cannabis and Health, NY, USA

10:00 am	Break	
10:30 am	Session 7– Hemp and Medical Cannabis	Session 8 - Linking Health and Nutrition to Diet
	<i>Session Chair:</i> TBD	<i>Session Chair:</i> Dr. Sun-Ok Lee
	<i>Keynote:</i> Dr. Carey Clark (Ph.D., RN, AHN-BC, RYT, FAAN) <i>Patient-Centered Needs - Hemp and Medical Cannabis as Plant Medicine</i>	<i>Keynote:</i> Dr. Sun-Ok Lee (University of Arkansas, USA) <i>Health Benefits of Berry Volatiles</i>
	Dr. Oliver Kayser (Tu Dortmund University, Germany) <i>Comparison of Phytocannabinoid Biosynthesis in Cannabis sativa, Radula marginata, and Helichrysum umbraculigerum</i>	Dr. Daniel Hoffman (Rutgers University, USA) <i>Nutrition and African Indigenous Vegetables</i>
	TBD	Emily Merchant (Rutgers University, USA) <i>African Indigenous Vegetables and Urban Agriculture: A Case Study</i>
12:00 Noon	Lunch and Visit Posters Optional tour of the New Use Agricultural Labs (GC/MS Shimadzu HeadSpace and SPME; UPLC-QQQMS; LC/Q-TOF and more, 10 minute walk to lab)	
1:30 pm	<i>Advances in MAP Breeding for Disease Resistance, Aroma, Nutrition and Arthropod Resistance.</i> Dr. Jim Simon, Rutgers University	
2:30 pm	Break	
2:45 pm	Session 9 - Dietary Phytochemicals and Disease Prevention	Session 10 – Genomic Tools and Breeding
	<i>Session Chair:</i> Dr. Anait S. Levenson	<i>Session Chair:</i> Dr. Jeffrey Adelberg

	<p><i>Keynote</i></p> <p>Dr. Anait S. Levenson (Long Island University, USA)</p> <p><i>Dietary Stilbenes and the Underlying Mechanisms in the Cancer Chemoprevention</i></p>	<p><i>Keynote</i></p> <p>Dr. Lindsay Caesar (Northwestern University, USA)</p> <p><i>Metabolomic and Genomic Approaches to Explore Uncharted Biochemical Space for Natural Products Discovery</i></p>
	TBD	TBD
	<p>Rokib Hasan, Arkansas State University (USA)</p> <p><i>Anti-inflammatory Mechanism of Arachidin-3, a Prenylated Stilbenoid from Peanut</i></p>	TBD
4:15 pm	Poster Session (Graduate Student Competition and Post-Doc Sessions)	
5:00 pm	Poster Session Ends	
6:30 pm	Banquet and Awards Ceremony	

Saturday June 27, 2020

Bus Tour - Optional - Additional Cost

8:00 am	Departing for:	Agronomic and Horticulture Field Studies and Plant Breeding Trials with:
10:00am	Rutgers University Snyder Research Station, Pittstown, NJ	Downy Mildew Resistance
Noon:	Box lunch	Sweet Basils
		Catnip as Insect Repellent
		Hemp Variety Trials*
		Large-Scale Herbal Dryer

