

Wednesday June 23, 2021

**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 24, 2021

**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>

Updated: September 28, 2020

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	<p>Dr. Nihal Ahmad (University of Wisconsin, USA)</p> <p><i>Grape Powder in Skin Cancer Prevention</i></p>	<p>Dr. Umesh Reddy (West Virginia State University, USA)</p> <p><i>Natural Variation of Phytochemicals in vVarious Capsicum spp.</i></p>
	<p>Dr. Cristiana Caliceti (University of Bologna, Italy)</p> <p><i>Grape Pomace as a Sustainable Source of Bioactive Compounds for Cosmeceutical Applications</i></p>	<p>Dr. Ramu Govindasamy (Rutgers University, USA)</p> <p><i>Marketing of Fresh Market Turmeric</i></p>
	TBD	
12:00 Noon	<p>Lunch and Visit Posters</p> <p>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)</p>	
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
	<p><i>Keynote:</i></p> <p>Dr. Fabricio Medina-Bolivar (Arkansas State University, USA)</p> <p><i>Natural Prenylated Resveratrol Analogs: Bioproduction and Biological Activities</i></p>	<p><i>Keynote:</i> TBD</p>
	<p>Dr. Eric Courot (Université de Reims Champagne-Ardenne, France)</p> <p><i>Grapevine Cell Cultures for the Bioproduction of Bioactive Resveratrol and Derivatives: Some Fundamental and Applied Considerations</i></p>	<p>Dr. Rao Mentreddy (Alabama A&M University, USA)</p> <p><i>Low Temperature Atmospheric Plasma: A Potential Tool for Promoting Sprouting of Turmeric Rhizomes and Plant Growth</i></p>

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	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 25, 2021 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

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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

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	<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>
	<p>Dr. Yuanyuan (Rose) Li (University of Missouri, USA)</p> <p><i>Time-dependent Maternal Soybean Genistein Exposure Leads to Later-life Breast Cancer Chemoprevention in Offspring Mice</i></p>	TBD
	<p>Dr. Andrea Doseff (Michigan State University, USA)</p> <p><i>Targeting Chronic Inflammatory Diseases with Flavonoid-rich Diets: Impact on Cancer and Obesity</i></p>	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	

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Saturday June 26, 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 Sweet Basils
Noon:	Box lunch	Catnip as Insect Repellent
		Hemp Variety Trials*
		Large-Scale Herbal Dryer
		500 Liter Steam Distillation Unit
		Pilot-Scale Hemp Extractor
PM	Rutgers Agricultural Research and Education Center, Upper Deerfield, NJ	Organic and conventional downy mildew control studies and other field trials with the same above crops.
	Visiting Commercial Culinary Herb Farms	Organic and conventional field grown culinary herb farms
5:00 PM	Anticipated Return to Rutgers	

*pending NJ Department of Agriculture license.

Please contact Dr. Jim Simon (jimsimon@rutgers.edu) or Ms. Emily Merchant (evr.merchant@gmail.com) for more details or Dr. Fabricio Medina-Bolivar (fmedinabolivar@astate.edu)

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