

Wednesday June 24, 2020
Trayes Hall, Douglass Student Center

Douglass Student Center (100 George St, New Brunswick, NJ 08901)

**All Meetings will be held in Trayes Hall at the Douglass Student Center unless noted otherwise*

2:00 pm	Registration
2:00-6:00 pm	Poster Set-up
4:00 pm	ACMAP Board of Directors Meeting
6:00-8:00 pm	Welcome Reception

Thursday June 25, 2020
Trayes Hall, Douglass Student Center

8:00 am	Registration	
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, Germplasm and Micropropagation
	<i>Session Chair:</i> Dr. Jim Simon	<i>Session Chair:</i> Dr. Nirmal Joshee
	<i>Keynote:</i> TBD	<i>Keynote:</i> TBD
	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	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>
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>	TBD
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		
8:00 am	Registration	
9:00 am	Plenary Presentation: Dr. Jahan Marcu, International Research Center for Cannabinoids 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> TBD	<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
	<i>Keynote</i> Dr. Anait S. Levenson (Long Island University, USA) <i>Dietary Stilbenes and the Underlying Mechanisms in the Cancer Chemoprevention</i>	<i>Keynote</i> Dr. Lindsay Caesar (Northwestern University, USA) <i>Metabolomic and Genomic Approaches to Explore Uncharted Biochemical Space for Natural Products Discovery</i>
	TBD	TBD

	Rokib Hasan, Arkansas State University (USA) <i>Anti-inflammatory Mechanism of Arachidin-3, a Prenylated Stilbenoid from Peanut</i>	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 10:00am Noon: PM 5:00 PM	Departing for: Rutgers University Snyder Research Station, Pittstown, NJ Box lunch Rutgers Agricultural Research and Education Center, Upper Deerfield, NJ Visiting Commercial Culinary Herb Farms Anticipated Return to Rutgers	Agronomic and Horticulture Field Studies and Plant Breeding Trials with: Downy Mildew Resistance Sweet Basils Catnip as Insect Repellent Hemp Variety Trials* Large-Scale Herbal Dryer 500 Liter Steam Distillation Unit Pilot-Scale Hemp Extractor Organic and conventional downy mildew control studies and other field trials with the same above crops. Organic and conventional field grown culinary herb farms

*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)