



POSTER DIRECTORY

OCTOBER 30–NOVEMBER 2, 2022 | NAPLES GRANDE BEACH RESORT | NAPLES, FL, USA

Posters are listed in order by topic, then by presenter last name.

Breeding and Germplasm				
Poster #	First Name	Last Name	Organization	Abstract Title
1	Catherine	Dogimont	National Research Institute for Agriculture, Food & Environment	Pollen Production, Germination and Viability of Melon Genetic Resources
2	Yuqing	Fu	University of Florida	Development and Application of Molecular Markers for the Hull-Less Seed Trait in Pumpkin
3	Rebecca	Grumet	Michigan State University	Phenotypic and Genetic Analysis of Fruit Morphological Traits for the USDA Cucumber Core Collection
4	Alexander	Luckew	University of Georgia	Genome Wide Association Study of <i>C. pepo</i> Evaluated for Whiteflies and their Transmitted Viruses
5	Marlie	Lukach	Cornell University	Cucurbits of the World Network
6	Girim	Park	Pusan National University	Identification of a Novel Locus (C2) Controlling Canary Yellow Flesh in Watermelons
7	Samikshya	Rijal	University of Georgia	Marker-Assisted Breeding for Gummy Stem Blight Resistance in Watermelon

Cucurbit Pathology/ Entomology				
Poster #	First Name	Last Name	Organization	Abstract Title
8	Sudeep	Bag	University of Georgia	Prevalence and Incidence of Virus Diseases in Cucurbits in Georgia, USA
9	Kiersten	Bushong	University of Florida	Characterizing Genetic Diversity of Pseudomonas Strains Causing Foliar Diseases of Cucurbits in the Southeastern U.S.
10	Elizabeth	Indermaur	Cornell University	Biofungicides for Organic Management of Powdery Mildew in Winter Squash
11	Jim	McCreight	U.S. Department of Agriculture, Agricultural Research Service	Advancement of CYSDV-resistant Melon Using Marker-Assisted Selection
12	Stuart	Michel	North Carolina State University	Incidence and Yield Response of Seedless Watermelon Cultivars Affected with Fusarium Wilt
13	Dakshina	Seal	University of Florida	Population Dynamics and Management of Melonworm in South Florida

Genetic & Genomic Resources				
Poster #	First Name	Last Name	Organization	Abstract Title
14	Honghe	Sun	Cornell University	Graph-based Pan-genome of the <i>Citrullus</i> Genus Provides Insights into Watermelon Evolution and Domestication
15	Shan	Wu	Cornell University	Pan-genome of Wild and Cultivated Watermelons
16	Jingyin	Yu	Cornell University	Cucurbit Genomics Database (CuGenDB) v2: An Updated Database for Cucurbit Genomics

Floral and Fruit Development				
Poster #	First Name	Last Name	Organization	Abstract Title
17	Keshav	Gautam	University of Almeria	Identification and Characterization of <i>Cucurbita pepo</i> Dwarf Mutant that is Defective in Female Flower Opening
18	Jason	Hollick	Ohio State University	Rootstock Effects on Flower Development in Grafted Triploid Watermelon (<i>Citrullus lanatus</i>)
19	Samuel	Josiah	University Of Georgia	Allelic Variation in <i>CISUN25-26-27a</i> Associated with Watermelon Fruit Shape
20	Akito	Nashiki	University of Tsukuba	A Novel Femaleness Allele of the Sex Determination Gene <i>CmACS11</i> in Melon
21	Stephanie	Rett-Cadman	Michigan State University	Isolation and Characterization of Lipid Droplets in Cucumber Fruit
22	María	Segura	Universidad de Almería	BSA-seq Approach Reveals <i>CpCUC2</i> as a NAC-like Transcription Factor Regulating Flower Development in <i>Cucurbita pepo</i>

Production and Quality				
Poster #	First Name	Last Name	Organization	Abstract Title
23	Kim	Heagy	North Carolina State University	Predicting Pumpkin Bin Category and Quantity Based on Fruit Size and Plant Area
24	Heeju	Lee	National Institute of Horticultural and Herbal Science	Effects of High-Temperature and Soil Moisture Conditions on the Physiological Response of Cucumber

Tolerance to Abiotic Stress				
Poster #	First Name	Last Name	Organization	Abstract Title
25	Marisa	Gómez-Guillamón	Spanish Council for Scientific Research, CSIC	Drought tolerance in a RIL Population Derived from TGR-1551
26	Jessica	Iglesias Moya	University of Almeria	Identification and Characterization of a Squash <i>Aba</i> Insensitive Mutant Affected in Protein Phosphatase 2C

Resistance to Pest and Diseases				
Poster #	First Name	Last Name	Organization	Abstract Title
27	Andrea	Landron-Garcia	University of Puerto Rico	Screening for Powdery Mildew Resistance in <i>Cucurbita moschata</i> Duch in Lajas, Puerto Rico
28	Oak-Jin	Lee	National Institute of Horticultural and Herbal Science	Evaluation of Fusarium Wilt Race 2 Resistance and Development Inbred Lines in Watermelon (<i>Citrullus spp.</i>)
29	Ying-Chen	Lin	Michigan State University	QTL Mapping for Young Fruit Resistance to <i>Phytophthora capsici</i> in Cucumber
30	Ana	Pérez de Castro	Universitat Politècnica de València	Differentially Expressed Genes in Melon Lines Resistant to WMV and ToLCNDV
31	Swati	Shrestha	University of Florida	Discovery and Deployment of Genomic Resources for Breeding Resistance to Potyviruses in Squash