

## **ORAL PRESENTATION INFORMATION**

The people listed below have been selected to give afternoon oral presentations. Room assignments will be published in the final program booklet that will be available onsite during registration. When you arrive at the meeting, please be sure to download your presentation to the computer that will be available in the meeting room. An IBM TP R50 Centrino 1/4GHz 14" PC will be available. It can handle MS Windows XP Professional and MS Office 2007 Professional. You will be allotted 15 minutes for your presentation plus 5 minutes for a "question and answer" session. Strict adherence to this 20-minute allotment is mandatory as a courtesy to both the audience and to the other speakers in your session. This time limit will be enforced.

**Please register for the Congress if you have not already done so.** Submission of your abstract did not automatically register you. Registration is a separate process and must be completed in order for you to make your presentation.

## **POSTER PRESENTATION INFORMATION**

If you submitted an abstract and are not listed below for oral presentations, you have been accepted as a poster presenter. Poster board size at the meeting will be 3 feet 10 inches (1.17 meters) high by 2 feet, 10 inches (0.86 meters) wide. This is the actual usable space. Poster font size should be no smaller than Times New Roman 12 point. Presenters can display their posters as early as 4:00 p.m. Sunday, June 6. Poster number assignments will be given at check-in. Posters will be displayed until 5:30 p.m. Thursday, June 10. Posters not removed by 5:30 p.m. Thursday will be disposed of. All presenters should be near their poster from 5:30 p.m.-7:00 p.m. Monday, June 7. Presenters of even-numbered posters should be near their poster from 5:30 p.m.-7:00 p.m. Tuesday, June 8. Presenters of odd-numbered posters should be near their poster from 5:30 p.m.-7:00 p.m. Wednesday, June 9. Again, **please register for the Congress if you have not already done so.** Submission of your abstract did not automatically register you. Registration is a separate process and must be completed in order for you to display your poster.

All presenters, oral or poster, will be eligible to submit manuscripts for publication in a special issue of the Journal In Vitro Cellular and Developmental Biology – PLANT. Managing Editor Nigel Taylor will invite outstanding abstracts but all attendees are welcome to submit full manuscripts through the online system at <https://www.editorialmanager.com/ivpl/> All submissions will be peer reviewed as per journal requirements and accepted papers will be published online and in the IAPB Spring issue of In Vitro-Plant.

| Presenter Last Name | Presenter First Name | Institution                          | Country | Session Assignment                            | Presentation Title  |
|---------------------|----------------------|--------------------------------------|---------|---|---|
| CHEN                | CHING-NEN            | Yat-sen University                   | Taiwan  | Abiotic Stress I<br>Monday, June 7            | AUTOPHAGY IS ENHANCED AND FLORAL DEVELOPMENT IS IMPAIRED IN THE ATHVA22D RNAI ARABIDOPSIS                                       |
| NGONYAMO-MAJEE      | DIANA H              | Monsanto Company                     | USA     | Abiotic Stress I<br>Monday, June 7            | THE DEVELOPMENT OF DROUGHT TOLERANT CORN AND ITS GLOBAL IMPACT  |
| ALTMAN              | ARIE                 | Hebrew University of Jerusalem       | Israel  | Abiotic Stress II<br>Tuesday, June 8          | PLANT TOLERANCE TO SALINITY STRESS IS REGULATED BY THE METABOLOME AND BY SUMMOYLATION OF SP1, A NOVEL STRESS-ASSOCIATED PROTEIN |
| SIVARAMAKRISHNAN    | SIVARAMAKRISHNAN     | Bharathidasan University             | India   | Abiotic Stress II<br>Tuesday, June 8          | SURVEILLANCE OF CO-EXISTENCE BETWEEN PGPR AND EPNS FOR SUSTAINABLE CROP IMPROVEMENT   |
| ZIDENGA             | TAWANDA              | Donald Danforth Plant Science Center | USA     | Abiotic Stress II<br>Tuesday, June 8          | INVESTIGATING THE MECHANISM AND CONTROL OF POST-HARVEST PHYSIOLOGICAL DETERIORATION IN CASSAVA (MANIHOT ESCULENTA)              |
| COTTER              | SEAN                 | University of Liverpool              | UK      | Abiotic Stress III<br>Tuesday, June 8         | CHARACTERISATION OF THE CIRCADIAN CLOCK IN BARLEY AND ITS EFFECT ON FITNESS AND YIELD.  |
| JIANG               | QINGZHEN             | The Samuel Roberts Noble Foundation  | USA     | Abiotic Stress III<br>Tuesday, June 8         | PHYSIOLOGICAL CHARACTERIZATION OF TWO TRANSGENIC FORAGE LEGUME SPECIES FOR DROUGHT TOLERANCE                                    |
| HOOD                | ELIZABETH            | Arkansas State University            | USA     | Biosafety and Acceptance<br>Thursday, June 10 | EASING THE REGULATORY BURDEN SURROUNDING BIOTECHNOLOGY-DERIVED CROPS  |

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| KOVINICH | NIKOLA           | Agriculture and Agri-Food Canada,<br>Carleton University, University of<br>Ottawa | Canada    | Biosafety and<br>Acceptance<br>Thursday, June 10  | TOWARDS COLORING SOYBEANS WITH ANTHOCYANINS- IDENTIFICATION AND CHARACTERIZATION OF AN<br>ANTHOCYANIN/FLAVONOL 3-O-GLUCOSYLTRANSFERASE CDNA FROM THE SEED COAT OF BLACK SOYBEAN      |
| LI       | JARUI            | Kansas State University   | USA       | Biotic Stress I<br>Wednesday, June 9  | EXPRESSING RNA INTERFERENCE OF THREE NEMATODE REPRODUCTION OR FITNESS GENES IN SOYBEAN<br>SUPPRESSED SOYBEAN CYST NEMATODE FECUNDITY   |
| MCCARTER | JAMES            | Divergence, Inc.  | USA       | Biotic Stress I<br>Wednesday, June 9  | UPTAKE AND EXCLUSION OF PLANT-EXPRESSED FLUORESCENT PROTEINS BY THE SOYBEAN CYST NEMATODE<br>HETERODERA GLYCINES   |
| SEGERS   | GERRIT           | Monsanto  | USA       | Biotic Stress I<br>Wednesday, June 9  | Control of Corn Rootworm by dsRNA expressed in planta  |
| SHERIF   | SHERIF           | University of Guelph  | Canada    | Biotic Stress I<br>Wednesday, June 9  | JAZ PROTEINS IN PEACH HAVE DIFFERENT RESPONSES AND CHARACTERISTICS THAN THEIR ORTHOLOGS IN<br>ARABIDOPSIS  |
| DHEKNEY  | SADANAND         | University of Florida   | USA       | Biotic Stress II<br>Wednesday, June 9   | GENETICALLY ENGINEERED GRAPEVINES EXPRESSING A CISGENIC VITIS VINIFERA THAUMATIN-LIKE PROTEIN<br>EXHIBIT FUNGAL RESISTANCE AND IMPROVED POST-HARVEST STORAGE.                        |
| GRAY     | DENNIS           | University of Florida/FAS   | USA       | Biotic Stress II<br>Wednesday, June 9   | IDENTIFICATION OF GENETICALLY ENGINEERED GRAPEVINES IN THE FIELD FOR PIERCE'S DISEASE AND FUNGAL<br>DISEASE RESISTANCE   |
| KREUZE   | JAN              | International Potato Center   | Peru      | Biotic Stress II<br>Wednesday, June 9   | DISTINCT RESISTANCE PROFILES AGAINST PHYTOPHTHORA INFESTANS IN POTATO TRANSFORMED WITH THE RB<br>GENE FROM SOLANUM BULBOCASTANUM.  |
| RAJU     | RADHAJEYALAKSHMI | Donald Danforth Plant Science<br>Center   | USA       | Biotic Stress II<br>Wednesday, June 9   | EXPRESSION OF ENDOMEMBRANE CHITINASE (CAZY-CARBOHYDRATE ACTIVE ENZYMES) - GLYCOSYL<br>HYDROLASE IN ARABIDOPSIS - PSEUDOMONAS SYRINGAE DC3000 INTERACTIONS.                           |
| FAHIM    | MUHAMMAD         | CSIRO and The Australian National<br>University                                   | Australia | Biotic Stress III<br>Thursday, June 10  | VIRUS RESISTANCE MEDIATED BY ARTIFICIAL MIRNA AGAINST WHEAT STREAK MOSAIC VIRUS IN TRANSGENIC<br>WHEAT PLANTS.   |
| KAUR     | JAGDEEP          | Donald Danforth Plant Science<br>Center   | USA       | Biotic Stress III<br>Thursday, June 10  | MYCOTOXIN-FREE MAIZE FOR SUB-SAHARAN AFRICA -- A GENETIC ENGINEERING APPROACH DEPLOYING<br>ANTIFUNGAL PROTEINS   |
| PATIL    | BASAVAPRABHU     | Donald Danforth Plant Science<br>Center   | USA       | Biotic Stress III<br>Thursday, June 10  | RNAi mediated resistance to diverse isolates of Cassava brown streak virus   |
| YANG     | CHING-FU         | National Chung Hsing University   | Taiwan    | Biotic Stress III<br>Thursday, June 10  | GENERATION OF TRANSGENIC WATERMELON RESISTANT TO ZUCCHINI YELLOW MOSAIC VIRUS AND PAPAYA<br>RINGSPOOT VIRUS TYPE W   |
| DAS      | SUDRIPTA         | Tea Research Association  | India     | Biotic Stress IV<br>Thursday, June 10   | BIOTIC AND ABIOTIC STRESS ANALYSIS IN TEA  |
| SHAH     | DILIP            | Donald Danforth Plant Science<br>Center   | USA       | Biotic Stress IV<br>Thursday, June 10   | ENGINEERING RESISTANCE TO FUNGAL PATHOGENS AND MYCOTOXIN ACCUMULATION IN TRANSGENIC PLANTS   |
| SOLER    | NURIA            | Instituto Valenciano de<br>Investigaciones Agrarias (IVIA)                        | Spain     | Biotic Stress IV<br>Thursday, June 10   | THE CONSERVED ZN FINGER DOMAIN AND ADJACENT BASIC MOTIFS OF THE P23 SILENCING SUPPRESSOR OF<br>CITRUS TRISTEZA VIRUS ARE REQUIRED FOR PATHOGENESIS IN TRANSGENIC MEXICAN LIME PLANTS |
| WANG     | XINHUA           | University of Western Ontario   | Canada    | Biotic Stress IV<br>Thursday, June 10   | THE STUDY OF THE INTERACTION OF PLANT TRANSLATION INITIATION FACTOR GENES AND PLUM POX VIRUS<br>(PPV) FOR PPV RESISTANCE   |
| AINA     | OLUBUNMI         | University of Florida-Gainesville   | USA       | Challenges in<br>Acclimatizing and<br>Routing <i>in vitro</i><br>Propagated Plants<br>Tuesday, June 8 | FACTORS AFFECTING IN VITRO ROOTING OF ARACHIS PARAGUARIENSIS   |
| ARYA     | SARITA           | Indian Council of Forestry<br>Research and Education.                             | India     | Challenges in<br>Acclimatizing and<br>Routing <i>in vitro</i><br>Propagated Plants<br>Tuesday, June 8 | DIRECT REGENERATION OF SHOOTS FROM IMMATURE INFLORESCENCE IN DENDROCALAMUS ASPER (EDIBLE<br>BAMBOO) LEADING TO MASS PROPAGATION.   |
| CHENG    | MING             | BASF Plant Science  | USA       | Challenges in<br>Acclimatizing and<br>Routing <i>in vitro</i><br>Propagated Plants<br>Tuesday, June 8 | EFFICIENT PRODUCTION OF COMPOSITE SOYBEAN PLANTS VIA DISARMED AGROBACTERIUM SSP  |
| PERUMAL  | VENKATACHALAM    | Periyar University, Reader  | India     | Challenges in<br>Acclimatizing and<br>Routing <i>in vitro</i><br>Propagated Plants<br>Tuesday, June 8 | RAPID CLONAL MULTIPLICATION THROUGH IN VITRO AUXILLARY SHOOT PROLIFERATION OF GLORY LILY<br>GLORISOA SUPERBA L.: AN ENDANGERED MEDICINAL PLANT                                       |

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| NARAYANAN  | NARAYANAN | Donald Danforth Plant Science Center               | USA           | Crop Biofortification I<br>Wednesday, June 9                           | DUAL ROLE FOR CASSAVA HYDROXYNITRILE LYASE: INCREASING PROTEIN CONCENTRATIONS AND DECREASING CYANIDE   |
| XIONG      | LIMING    | King Abdullah University of Science and Technology | Saudia Arabia | Crop Biofortification I<br>Wednesday, June 9                           | METABOLIC ENGINEERING OF BRANCHED-CHAIN AMINO ACID BIOSYNTHESIS IN PLANTS  |
| BAI        | CHAO      | Universitat de Lleida                              | Spain         | Crop Biofortification II<br>Wednesday, June 9                          | CAROTENOID BIOFORTIFICATION OF RICE ENDOSPERM THROUGH MULTIPLEX GENE TRANSFORMATION  |
| PONS       | ELSA      | Centro de Proteccion Vegetal y Biotecnologia       | Spain         | Crop Biofortification II<br>Wednesday, June 9                          | ENHANCING BETA-CAROTENE (PRO-VITAMIN A) CONTENT IN ORANGE FRUITS   |
| SCHMIDT    | MONICA    | Donald Danforth Plant Science Center               | USA           | Crop Biofortification II<br>Wednesday, June 9                          | ENHANCED B-CAROTENE IN OILSEED CROPS   |
| ZHU        | CHANGFU   | Universitat de Lleida                              | Spain         | Crop Biofortification II<br>Wednesday, June 9                          | THE ROLE OF GENETIC BACKGROUND IN DETERMINING QUALITATIVE AND QUANTITATIVE CAROTENOID PROFILES IN CORN ENDOSPERM   |
| ADKINS     | STEPHEN   | University of Queensland                           | Australia     | Cryopreservation for Germplasm Preservation<br>Monday, June 7          | CRYOPRESERVATION OF COCONUT (COCOS NUCIFERA L.): THE INFLUENCE OF EMBRYO MATURITY UPON RATE OF RECOVERY AND FIDELITY OF SEEDLINGS.   |
| ENGELMANN  | FLORENT   |  |               | Cryopreservation for Germplasm Preservation<br>Monday, June 7          | CRYOPRESERVATION FOR PLANT BIODIVERSITY CONSERVATION   |
| JENDEREK   | MARIA     | National Center for Genetic Resources Preservation | USA           | Cryopreservation for Germplasm Preservation<br>Monday, June 7          | DORMANT BUD CRYOPRESERVATION FOR GERMLASM CONSERVATION   |
| NOOR       | NORMAH    | Universiti Kebangsaan                              | Malaysia      | Cryopreservation for Germplasm Preservation<br>Monday, June 7          | TROPICAL FRUIT GERMLASM PRESERVATION - ISSUES AND PERSPECTIVES   |
| REED       | BARBARA   | USDA-ARS   | USA           | Cryopreservation for Germplasm Preservation<br>Monday, June 7          | IMPROVING SHOOT TIP CRYOPRESERVATION WITH ANTIOXIDANT AND ANTISTRESS COMPOUNDS   |
| WOOG       | CYNTHIA   | Sigma-Aldrich                                      | USA           | Ethics, Economics and Social Benefits<br>Monday, June 7                | TBD  |
| ZILBERMAN  | DAVID     | University of California at Berkeley               | USA           | Ethics, Economics and Social Benefits<br>Monday, June 7                | The Economics of Biotechnology: Implications for Biofuel Sustainability The impact of agricultural biotechnology on farm output per acre has been evaluated in many adopting countries |
| BARBULESCU | DENISE    | Department of Primary Industries-Horsham           | Australia     | Factors Influencing Culture of Recalcitrant Species<br>Tuesday, June 8 | PLURONIC F-68 ENHANCES SHOOT REGENERATION IN RECALCITRANT MICROSPORE-DERIVED BRASSICA NAPUS EMBRYOS  |
| GANAPATHY  | ANDY      | Bharathidasan University                           | India         | Factors Influencing Culture of Recalcitrant Species<br>Tuesday, June 8 | AN IMPROVED STRATEGY FOR SOMATIC EMBRYOGENESIS IN INDIAN SOYBEAN CULTIVARS   |
| MARTON     | LASZLO    | University of South Carolina                       | USA           | Factors Influencing Culture of Recalcitrant Species<br>Tuesday, June 8 | SYNPLANT CULTURES RAIZED IN ARTIFICIAL PLANT OVARY (APO)   |

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| PATENA      | LILIAN    | University of the Philippines               | Philippines | Factors Influencing Culture of Recalcitrant Species<br>Tuesday, June 8 | THE DEVELOPMENT OF TECHNIQUES FOR TISSUE CULTURE OF MANGO (MANGIFERA INDICA L.) VAR. CARABAO AND SUCCESSFUL TRANSFER OF PLANTS TO SOIL AND THE FIELD      |
| KIM         | YONG WOOK | Korea Forest Research Institute             | Korea       | Forest Biotech I<br>Wednesday, June 9                                  | INITIATION OF PROEMBRYOGENIC MASS (PEM) FROM HYBRID SEEDS AND SOMATIC EMBRYOGENESIS IN YELLOW-POPLAR ( LIRIODENDRON TULIPIFERA)                           |
| TBD         | TBD       |   |             | Forest Biotech I<br>Wednesday, June 9                                  |   |
| TBD         | TBD       |   |             | Forest Biotech I<br>Wednesday, June 9                                  |   |
| TBD         | TBD       |   |             | Forest Biotech I<br>Wednesday, June 9                                  |   |
| MOHNEN      | DEBRA     | University of Georgia                       | USA         | Forest Biotech II<br>Wednesday, June 9                                 | THE BIOENERGY SCIENCE CENTER (BESC) AND OVERCOMING RECALCITRANCE OF POPULUS TO BIOFUEL PRODUCTION.  |
| NELSON      | DANA      | U.S. Forest Service                         | USA         | Forest Biotech II<br>Wednesday, June 9                                 | Accelerating forest health restoration through biotechnology  |
| SEGUIN      | ARMAND    | Canadian Forest Service                     | Canada      | Forest Biotech II<br>Wednesday, June 9                                 | GENE REGULATION IN WHITE SPRUCE: FUNCTIONAL ANALYSES OF TRANSCRIPTION FACTORS IN THE CONTEXT OF WOOD FORMATION.   |
| HASSAN      | FATHI     | Leibniz University                          | Germany     | Gene Express/Stacking I<br>Monday, June 7                              | GENE STACKING OF ANTIFUNGAL GENES IN TRANSGENIC PEA TO ENHANCE THE LEVEL OF RESISTANCE  |
| NTUI        | VALENTINE | Chiba University                            | Japan       | Gene Express/Stacking I<br>Monday, June 7                              | Increased resistance to fusarium wilt in transgenic tobacco lines co-expressing chitinase and wasabi defensin genes                                       |
| SINGH       | ALKA      | Univesity of California-Davis               | USA         | Gene Express/Stacking I<br>Monday, June 7                              | CO-SILENCING MIRABILIS ANTIVIRAL PROTEIN ENABLES VIRUS INDUCED GENE SILENCING STUDIES FOR GENE FUNCTIONAL ANALYSIS IN MIRABILIS JALAPA                    |
| TZFIRA      | TZVI      | University of Michigan                      | USA         | Gene Express/Stacking I<br>Monday, June 7                              | MODULAR ASSEMBLY AND DELIVERY OF LARGE MULTIGENE BINARY VECTORS INTO PLANTS   |
| FINER       | JOHN      | Ohio State University                       | USA         | Gene Express/Stacking II<br>Monday, June 7                             | ISOLATION AND VALIDATION OF SOYBEAN PROMOTER FAMILIES   |
| LIU         | ZONGRANG  | USDA-ARS Appalachian Fruit Research Station | USA         | Gene Express/Stacking II<br>Monday, June 7                             | UNDERSTANDING AND HARNESSING ENHANCER-PROMOTER INTERACTIONS AND INSULATION SYSTEMS FOR PRECISELY ENGINEERING GENE FUNCTION AND AGRONOMIC TRAITS IN PLANTS |
| MARILLONNET | SYLVESTRE | Icon Genetics                               | Germany     | Gene Express/Stacking II<br>Monday, June 7                             | A HIERARCHICAL MODULAR ONE-POT CLONING METHOD FOR CREATION OF LIBRARIES OF CONSTRUCT VARIANTS AND FOR STREAMLINED GENERATION OF MULTIGENE CONSTRUCTS.     |
| THOMSON     | JAMES     | USDA  | USA         | Gene Express/Stacking II<br>Monday, June 7                             | DEVELOPMENT OF SITE-SPECIFIC RECOMBINASE TECHNOLOGY FOR PRECISE CROP PLANT GENOME MODIFICATION  |
| THILMONY    | ROGER     | USDA-ARS                                    | USA         | Gene Express/Stacking III<br>Wednesday, June 9                         | NEW MOLECULAR TOOLS FOR IMPROVED CROP BIOTECHNOLOGY.  |
| YANG        | JAEMO     | Donald Danforth Plant Science Center        | USA         | Gene Express/Stacking III<br>Wednesday, June 9                         | APPLICATION OF PLANT GENE SWITCH SYSTEM TO METABOLIC ENGINEERING  |
| AKBUDAK     | M. AYDIN  | University of Arkansas                      | USA         | Gene Express/Stacking IV<br>Wednesday, June 9                          | DOSAGE-DEPENDENT GENE EXPRESSION FROM DIRECT REPEAT LOCUS IN RICE DEVELOPED BY SITE-SPECIFIC GENE INTEGRATION   |

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| BUNDOCK        | PAUL      | KeyGene N.V.                             | Netherlands | Gene Express/Stacking IV<br>Wednesday, June 9                             | TBD  |
| CHANDER        | SUBHASH   | Centre for Plant Biotechnology           | India       | <i>In Vitro</i> Approaches to Ensure Plant Biodiversity<br>Monday, June 7 | ASSESSMENT OF GENETIC DIVERSITY AMONG SACCHARUM SPECIES AND COMMERCIAL CULTIVARS OF NORTHERN INDIA                             |
| S              | NAGESH    | Sri Krishnadevaraya university           | India       | <i>In Vitro</i> Approaches to Ensure Plant Biodiversity<br>Monday, June 7 | IN VITRO PROPAGATION AND ANTIOXIDANT ACTIVITY OF CURCULIGO ORCHIOIDES GAERTN.-AN ENDANGERED MEDICINAL HERB.                    |
| GHISLAIN       | MARC      | International Potato Center              | Kenya       | Insect Resistance and Management<br>Tuesday, June 8                       | EXPRESSION OF SWEETPOTATO-LIKE CRY GENES TO CONTROL WEEVILS  |
| MOAR           | WILLIAM   | Monsanto Company                         | USA         | Insect Resistance and Management<br>Tuesday, June 8                       | TBD  |
| OLIVEIRA       | IGOR      | Pioneer Hi-Bred International            | USA         | Molecular Breeding<br>Thursday, June 10                                   | TBD  |
| XIA            | LANQIN    | Chinese Academy of Agricultural Sciences | China       | Molecular Breeding<br>Thursday, June 10                                   | WHEAT GENETICTRANSFORMATION IN CHINA,CURRENT STATUS AND CHALLENGES   |
| MOSKOVITZ      | YONI      | The Volcani Center                       | Israel      | Natural Products and Bio-Prospecting<br>Thursday, June 10                 | BIOLOGICAL ACTIVE COMPOUNDS FROM THE ISRAELI FLORA AFFECTING THE CYTOSKELETON ORGANIZATION OF CANCER CELLS                     |
| O'NEIL-JOHNSON | MARK      | Sequoia Sciences                         | USA         | Natural Products and Bio-Prospecting<br>Thursday, June 10                 | HIGH-THROUGHPUT NATURAL PRODUCTS CHEMISTRY: IS IT POSSIBLE?  |
| SHARMA         | MUKUT     | Sugarcane Research Institute             | India       | New Biofuels<br>Feedstock I<br>Wednesday, June 9                          | BIOETHANOL PRODUCTION FROM SUGARCANE IN INDIA  |
| ZHANG          | PENG      | Chinese Academy of Sciences              | China       | New Biofuels<br>Feedstock I<br>Wednesday, June 9                          | ALTERNATION OF STARCH PROPERTY BY THE REGULATION OF STARCH METABOLISM IN TRANSGENIC CASSAVA AND SWEETPOTATO                    |
| ALTPETER       | FREDY     | University of Florida-Gainesville        | USA         | New Biofuels<br>Feedstock II<br>Thursday, June 10                         | SUGARCANE GENOMICS AND GENETIC ENGINEERING TOWARDS EFFICIENT CONVERSION OF LIGNO-CELLULOSIC SUGARCANE RESIDUES TO FUEL ETHANOL |
| CHENNAVASIN    | MICHAEL   | Penn State University                    | USA         | New Biofuels<br>Feedstock II<br>Thursday, June 10                         | IN VITRO REGENERATION OF CAMELINA SATIVA, THE MOST PROMISING 2ND GENERATION BIOFUEL  |
| FUNK           | ALLISON   | Penn State University                    | USA         | New Biofuels<br>Feedstock II<br>Thursday, June 10                         | EFFECT OF ELECTROMAGNETIC RADIATION ON SEED GERMINATION OF SWITCHGRASS   |
| WANG           | ZENG-YU   | The Samuel Roberts Noble Foundation      | USA         | New Biofuels<br>Feedstock II<br>Thursday, June 10                         | GENETIC TRANSFORMATION AND BIOTECHNOLOGICAL IMPROVEMENT OF FORAGEGRASSES AND LEGUMES   |
| FU             | CHUNXIANG | The Samuel Roberts Noble Foundation      | USA         | New Biofuels<br>Feedstock III<br>Thursday, June 10                        | GENETIC MODIFICATION OF SWITCHGRASS FOR IMPROVED BIOFUEL PRODUCTION  |
| HARDIN         | CLYDE     | The Samuel Roberts Noble Foundation      | USA         | New Biofuels<br>Feedstock III<br>Thursday, June 10                        | DOWN-REGULATION OF HYDROXYCINAMOYL COA: SHIKIMATE HYDROXYCINAMOYL TRANSFERASE IN SWITCHGRASS (PANICUM VIRGATUM)                |
| JHA            | TIMIR     | Presidency College                       | India       | New Biofuels<br>Feedstock III<br>Thursday, June 10                        | QUALITY BIOFUELS FROM IN VITRO GROWN GENETICALLY UNIFORM PLANTS OF JATROPHA CURCAS   |

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| SHANI          | ZIV         | CBD Technologies                | Israel       | New Biofuels<br>Feedstock III<br>Thursday, June 10                              | TRANSGENIC SHORT ROTATION POPLAR FOR BIOMASS WITH INCREASED EFFICIENCY OF CELL WALL SACCHARIFICATION  |
| ABDALLAH       | NAGLAA      | Cairo University                | Egypt        | Novel Plant Growth<br>Regulators for Plant<br>Production<br>Wednesday, June 9   | DIRECT SHOOT REGENERATION FROM IN VITRO PLANTLETS OF THREE STRAWBERRY CULTIVARS   |
| STEINITZ       | BENJAMIN    | The Volcani Center              | Israel       | Novel Plant Growth<br>Regulators for Plant<br>Production<br>Wednesday, June 9   | MODULATION OF CELL DEVELOPMENT ELICITED BY AGNO 3, SILVER THIOSULFATE AND THIOSULFATE ION SUPPLEMENTS TO CULTURE MEDIUM   |
| TEE            | CHONG-SIANG | Jalan Universiti                | Malaysia     | Novel Plant Growth<br>Regulators for Plant<br>Production<br>Wednesday, June 9   | PLANT REGENERATION STUDIES OF JATROPHA CURCAS VIA SOMATIC EMBRYOGENESIS AND ORGANOGENESIS   |
| VALERO ARACAMA | CARMEN      | University of Florida           | USA          | Novel Plant Growth<br>Regulators for Plant<br>Production<br>Wednesday, June 9   | SUBSTITUTION OF BENZYLADENINE WITH META-TOPOLIN DURING SHOOT MULTIPLICATION INCREASES ACCLIMATIZATION OF EASY- AND DIFFICULT-TO-ACCLIMATIZE SEA OATS (UNIOLA PANICULATA) GENOTYPES              |
| HALLORAN       | SEAN        | Clemson University              | USA          | Nutrient Uptake and<br>Utilization<br>Tuesday, June 8                           | CORRELATIVE ANALYSIS OF MACRONUTRIENT USE AND PLANT QUALITY IN A MULTI-FACTOR NUTRIENT PLATFORM WITH CURCUMA LONGA L.   |
| KANT           | SURYA       | University of Guelph            | Canada       | Nutrient Uptake and<br>Utilization<br>Tuesday, June 8                           | OSNOD93-1, AN EARLY NODULIN GENE HAS AN IMPORTANT ROLE IN IMPROVING NITROGEN USE EFFICIENCY IN RICE   |
| ADELBERG       | JEFFREY     | Clemson University              | USA          | Optimizing Mineral<br>Composition of Plant<br>Growth Media<br>Wednesday, June 9 | SPENT MEDIUM ANALYSIS IN PLANT TISSUE CULTURE   |
| NIEDZ          | RANDALL     | USDA-ARS                        | USA          | Optimizing Mineral<br>Composition of Plant<br>Growth Media<br>Wednesday, June 9 | DETERMINING MINERAL NUTRIENT EFFECTS USING ARS-MEDIA TO REMOVE ION CONFOUNDING.   |
| REED           | BARBARA     | USDA-ARS                        | USA          | Optimizing Mineral<br>Composition of Plant<br>Growth Media<br>Wednesday, June 9 | IMPROVING IN VITRO MINERAL NUTRITION FOR DIVERSE PEAR GERMLASM  |
| CHEN           | MIN         | University of Sydney            | Australia    | Photosynthetic<br>Efficiency<br>Monday, June 7                                  | SPECTRAL EXTENSION OF PHOTOSYNTHESIS USING CHLOROPHYLL D  |
| KOSSMANN       | JENS        | Stellenbosch University         | South Africa | Photosynthetic<br>Efficiency<br>Monday, June 7                                  | PHOTOSYNTHETIC CARBOHYDRATE PARTITIONING UNDER LIMITING P SUPPLY  |
| EZURA          | HIROSHI     | University of Tsukuba           | Japan        | Renewables from<br>Plants I<br>Monday, June 7                                   | DEVELOPMENT FOR MASSIVE MIRACULIN PRODUCTION USING TRANSGENIC TOMATO FRUITS IN PLANT FACTORY  |
| UPHAM          | BRAD        | Michigan State University       | USA          | Renewables from<br>Plants I<br>Monday, June 7                                   | PHOSPHATIDYLCHOLINE SPECIFIC PHOSPHOLIPASE C DYSREGULATION OF GAP JUNCTIONAL INTERCELLULAR COMMUNICATION, A ROBUST CELLULAR RESPONSE TO ENVIRONMENTAL TOXICANTS, AND PREVENTION BY RESVERATROL. |
| WEATHERS       | PAMELA      | Worcester Polytechnic Institute | USA          | Renewables from<br>Plants I<br>Monday, June 7                                   | EXOGENOUS SUGARS AFFECT ARTEMISININ PRODUCTION IN ARTEMISIA ANNUA L.: TRANSCRIPTION AND METABOLITE MEASUREMENTS.  |

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| YOSHIMATSU    | KAYO       | National Institute of Biomedical Innovation,                          | Japan  | Renewables from Plants I<br>Monday, June 7                        | EFFICIENT GLYCYRRHIZIN PRODUCTION BY NON-TRANSGENIC AND TRANSGENIC CHINESE LICORICE; GLYCYRRHIZA URALENSIS   |
| ARAGÃO        | FRANCISCO  | EMBRAPA   | Brazil | Renewables from Plants II<br>Monday, June 7                       | FIRST TRANSGENIC GEMINIVIRUS-RESISTANT PLANT IN THE FIELD: THE DEVELOPMENT OF A RNAI-BASED AGRICULTURE TECHNOLOGY  |
| SAMUELS       | STEVEN     | Tuskegee University   | USA    | Renewables from Plants II<br>Monday, June 7                       | DEVELOPMENT OF TRANSGENIC SWEETPOTATO [IPOMOEA BATATAS (L. LAM)] EXPRESSING SYNTHETIC LYTC PEPTIDE GENES JC41N AND JC41ND AS A PLANT-BASED TREATMENT REGIMEN AGAINST HIV |
| DADMEHR       | MEHDI      | Payame Noor University  | Iran   | Renewables from Plants III<br>Tuesday, June 8                     | TRANSFORMATION OF OMPA GENE INTO ALFALFA IN ORDER TO DEVELOPE AN EDIBLE PLANT BASED VACCINE  |
| NANNA         | RAMA       | Kakatiya University   | India  | Renewables from Plants III<br>Tuesday, June 8                     | EXPRESSION OF ANTIMICROBIAL PEPTIDE GENE(MAGAININ) IN SOYBEAN  |
| OSUJI         | GODSON     | Prairie View A&M University, Cooperative Agricultural Research Center | USA    | Renewables from Plants III<br>Tuesday, June 8                     | OPTIMIZED RENEWABLE FAT AND CELLULOSIC BIOMASS ACCUMULATION IN PEANUT THROUGH BIOTECHNOLOGY  |
| TBD           | TBD        |   |        | Renewables from Plants III<br>Tuesday, June 8                     |  |
| AZADI         | PEJMAN     | Chiba University  | Japan  | Renewables from Plants IV<br>Tuesday, June 8                      | METABOLIC ENGINEERING OF LILIUM X FORMOLONGI USING MULTIPLE GENES OF THE CAROTENOID BIOSYNTHESIS PATHWAY   |
| BEKKAOUI      | FAOUZI     | National Research Council Canada, Plant Biotechnology Institute       | Canada | Renewables from Plants IV<br>Tuesday, June 8                      | Genomics and biotechnology approaches to improve oil content and yield of Brassica napus   |
| MAITI         | INDU       | University of Kentucky  | USA    | Renewables from Plants IV<br>Tuesday, June 8                      | EXPRESSION OF ENGINEERED XYLAN-DEGRADING CHIMERIC ENZYMES FOR BIOENERGY AND BIOFUELS APPLICATIONS  |
| POLOWICK      | PATRICIA   | National Research Council Canada, Plant Biotechnology Institute       | Canada | Renewables from Plants IV<br>Tuesday, June 8                      | TARWI (LUPINUS MUTABILIS SWEET) AS A NOVEL PLATFORM FOR THE PRODUCTION OF PLANT MADE PHARMACEUTICALS: MUSCULUS ADENOSINE DEAMINASE A CASE STUDY                          |
| BAXTER        | IVAN       | Donald Danforth Plant Science Center                                  | USA    | Rhizosphere Biology<br>Thursday, June 10                          | IONOMICS OF THE MAIZENESTED ASSOCIATION MAPPING PANEL  |
| DOTY          | SHARON     | University of Washington  | USA    | Rhizosphere Biology<br>Thursday, June 10                          | DIAZOTROPHIC ENDOPHYTES OF POPLAR AND WILLOW INCREASE CROP GROWTH  |
| BAIS          | PREETI     | Iowa State University   | USA    | Signal Transduction, Genomics, Metabolomics II<br>Tuesday, June 8 | DATABASE FOR MASS SPECTROMETRY BASED PLANT METABOLOMICS  |
| NIKOLAU       | BASIL      | Iowa State University   | USA    | Signal Transduction, Genomics, Metabolomics II<br>Tuesday, June 8 | HIGH-SPATIAL RESOLUTION METABOLOMICS ANALYSIS: A CASE STUDY OF IMAGING PLANT SURFACE METABOLITES BY LASER DESORPTION IONIZATION MASSSPECTROMETRY USING COLLOIDAL SILVER  |
| BANDARANAYAKE | PRADEEPA   | University of California at Davis                                     | USA    | Signal Transduction, Genomics, Metabolomics I<br>Monday, June 7   | QUINONE OXIDOREDUCTASES MEDIATE RHIZOSPHERE SIGNALING BETWEEN PARASITIC PLANTS AND THEIR HOSTS' ROOTS  |
| SUBRAMANIAN   | JAYASANKAR | University of Guelph  | Canada | Signal Transduction, Genomics, Metabolomics I<br>Monday, June 7   | CLONING AND CHARACTERIZATION OF A PRUNUS GIBBERELLIN 2-OXIDASE GENE  |