

Inaugural Ceremony

3:00	Registration
3:45	Guests to be seated
4:00	Recitation from Holy Quran
4:10	National Anthem
4:15	Welcom address by Prof. Dr. Anjum Perveen Director, Centre for Plant Conservation, University of Karachi/ Secretary, Pakistan Botanical Society
4:20	Address by Prof. Dr. Muhammad Qaiser Vice Chancellor, University of Karachi/President, Pakistan Botanical Society
4:35	Address by Prof. Dr. Anwar-ul-Hassan Gilani Chairman, Pakistan Council of Science and Technology
4:55	Address by Prof. Dr. Muhammad Ashraf (S.I) Chairman, Pakistan Science Foundation
5:10	Life Time Achievement Award
5:25	Address by Chief Guest
5:35	Vote of Thanks
5:40	Keynote address by Dr. Miguel Clüsener-Godt Senior Program Officer Chief, UNESCO Ecological Science and Biodiversity Section, Division of Ecological and Earth Sciences
6:15	Prayer Break
6:45	Keynote address by Dr. Benno Boer Ecological Science Adviser Africa/Science Specialist Ethiopia, UNESCO
7:30	Dinner

Theme-1: Agriculture, Agronomy, Horticulture, Plant Breeding & Genetics		
Day-1: 16-1-2016		
Time		Page No.
9:00–10:30	Session-I: Cotton Breeding & Genetics Chair: Prof. Dr. Hidayat-ur-Rehman Co-Chair: Dr. Shah Nawaz Mari	
9:00-9:15	GENETIC BASIS OF VARIOUS PLANT TRAITS IN <i>GOSSYPIMUM HIRSUTUM</i> UNDER CLCUD EPIDEMICS Amir Shakeel, Abdul Majid Khan, Asif Saeed, Imtiaz Ali, Sajjad Ali, Muhammad Usman-ul-Huq and Khalid Mahmood	3
9:15-9:30	ALTERNATIVE SELECTION CRITERIA FOR INCREASING SEED COTTON YIELD Imtiaz Ali, Amir Shakeel, Ch. Ghulam Hussain, Mmanzoor Hussain Khalid Mehmood, Muhammad Kashif Aziz, Akash Zafar and Ali Ammar	9
9:30-9:45	GENETIC ANALYSIS OF SEED OIL AND PROTEIN CONTENTS ALONG WITH SALIENT MORPHOLOGICAL AND FIBER QUALITY TRAITS IN COTTON Amir Shakeel, Nafeesa Ahmad, Asif Saeed, Imtiaz Ali, Manzoor Ahmad and Zia Ullah Zia	10
9:45-10:00	HETEROSIS AND COMBINING ABILITY FOR YIELD CONTRIBUTING TRAITS IN UPLAND COTTON Saifullah Abro, S. Laghari, Z.A. Deho, S.A. Abro, M. Muniaza and H. Bux	10
10:00-10:15	ASSESSMENT OF GENETIC DIVERSITY RELATING TO EARLINESS IN COTTON UNDER ARID ENVIRONEMT Sanober Gul Khan, Fakhar Imam, Fida Hussain, Muhammad Kashif Aziz and Imtiaz Ali	17
10:15-10:30	HETEROSIS ANALYSIS IN UPLAND COTTON FOR SEEDCOTTON YIELD PER PLANT UNDER DROUGHT STRESS Muhammad Hussain Soomro and Ghulam Sarwar Markhand	16
10:30-11:00	Tea Break	

11:00-13:15	Session-II A: Wheat Breeding & Genetics	
	Chair: Dr. Shamadad Khanzada Co-Chair: Dr. Muhammad Ali Khanzada	
11:00-11:15	EVALUATION OF GENETIC DIVERSITY IN BREAD WHEAT (<i>TRITICUM AESTIVUM</i> L.) BY SDS-PAGE ANALYSIS Amjad Ur Rahman, Abdul Samad Mumtaz and Awais Rasheed	4
11:15-11:30	PHENOLOGY AND MORPHOLOGY OF SELECTED WHEAT MUTANTS Arain Sumera, Zahoor Ahmed Soomro, Shah Nawaz Mari, Muzamil Hussain Memon and Mehboob Ali Sial	4
11:30-11:45	IMPROVEMENT OF YIELD AND YIELD COMPONENTS IN BREAD WHEAT THROUGH RADIATION-INDUCED MUTATIONS Mahboob Ali Sial, Khalil Ahmed Laghari, Saima Arain, Karim Dino Jamali, M. Azeem Asad and Mushtaque Ahmed Ahmedani	5
11:45-12:00	GENETIC ANALYSIS OF SOME PHENOLOGICAL AND MORPHOLOGICAL TRAITS OF F SEGREGATING POPULATION OF WHEAT Abdul Wajid Channa, Mahboob Ali Sial and Hadi Bux	5
12:00-12:15	GENETIC DIVERGENCE AMONG WHEAT BREEDING LINES FOR VARIOUS TRAITS Faiza Zoha Zafar, Fida Mohammad, Fahim Bangash and Nabiullah	6
12:15-12:30	MEAN PERFORMANCE, HERITABILITY AND GENETIC DIVERSITY ANALYSIS IN MEXICAN BREAD WHEAT GENOTYPES Naila Gandahi, Rameez Ahmed Kandharo, Abdul Wahid Baloch, Muhammad Jurial Bbaloch, Munaiza Baloch, Tauqeer Ahmad Yasir, Gul Muhammad Baloch, Abdul Majeed Baloch and M. Ali	7
12:30-12:45	ESTIMATION OF HETEROSIS FOR YIELD AND YIELD ASSOCIATED TRAITS IN F1 GENOTYPES OF BREAD WHEAT (<i>TRITICUM AESTIVUM</i> L.) Salman Ahmad, Muhammad Azeem Asad, Mehboob Ali Sial and Karim Dino Jamali	8
12:45-13:00	EVALUATION OF YIELD AND YIELD ASSOCIATED TRAITS OF ELITE WHEAT (<i>TRITICUM AESTIVUM</i> L.) GENOTYPES Saima Arain, Mahboob Ali Sial, Khalil Ahmed Laghari and Karim Dino Jamali	8
13:00-13:15	AGRO-MORPHOLOGICAL VARIATION IN SOME ADVANCED BREAD WHEAT (<i>TRITICUM AESTIVUM</i> L.) LINES UNDER SEMI-ARID ENVIRONMENT OF QUETTA, BALOCHISTAN Amanullah Baloch, Hadi Bux Bozdar, Syed Asmatullah Taran and Abdul Sameem	6
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11:00-13:15	Parallel Session-II B	
	Chair: Dr. Imtiaz A. Khan Co-Chair: Dr. M. Faheem Akbar	
11:00-11:15	SCREENING OF MUSTARD GENOTYPES FOR RESISTANCE TO MUSTARD APHID, <i>LIPAPHIS ERYSIMI</i> (KALT.) (APHIDIDAE: HOMOPTERA) Syed Rizwan Ali Shah, Shah Alam Khan, Khwaja Junaid, Ahmad-ur-Rahman Saljoqi, Inamullah Khan and Zafarullah	4
11:15-11:30	GENETIC DIVERSITY ASSESSMENT OF INDIGENOUS WHEAT GERMPLASM FROM DIFFERENT AREAS OF PAKISTAN USING AGRO MORPHOMETRIC TRAITS Khatiba Bibi, Inamullah, Habib Ahmad, Ayesha Bibi and Rabia Masood	8
11:30-11:45	ASSOCIATION MAPPING FOR SOME GRAIN YIELD AND QUALITY TRAITS IN WHEAT (<i>TRITICUM AESTIVUM</i> L.) Munawar Shehzad, Sultan Habibullah Khan, Abdus Salam Khan and Muhammad Sajjad	9
11:45-12:00	PROBLEMS AND PROSPECTS OF FORAGE PRODUCTION IN CHANGING RAINFED CONDITIONS OF PAKISTAN Muhammad Ansar, Shahzada Sohail Ijaz, Adeel Anwar, Yasir Mehmood, Muhammad Nadeem, Muhammad Irfan, Allah Wasaya, Ahmad Sher, Mubashir Hussain and Abdul Ghafar	31
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12:45-13:00	EVALUATING DIFFERENT GROWING SUBSTRATES ON THE QUALITY AND YIELD OF LETTUCE (<i>LACTUCA SATIVA</i>) THROUGH BAG-CULTURE TECHNIQUE Shahid J. Butt, Aysha Khalid and Nadeem A. Abbasi	30
13:00-13:15	<i>BURKHOLDERIA PHYTOFIRMANS</i> PSJN - AIDED IRON BIOFORTIFICATION IN RICE COMBINED WITH BIOCHAR AND SULFUR UNDER CALCAREOUS SOIL Ayesha Irum, M. Naveed, P.M. Adnan Hamdani, M. Khalid, Zahir A. Zahir and M. Yaseen	27
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14:15-16:00	Session-III A: Abiotic Stress-I Chair: Dr. Asim Rehan Kazmi Co-Chair: Dr. Dr. Abdul Razaq	
14:15-14:30	EVALUATION OF DROUGHT TOLERANCE INDICES IN SPRING WHEAT GENOTYPES UNDER WATER STRESS CONDITIONS Muhammad Jurial Baloch, Muhammad Ahmed Arain, Abdul Wahid Baloch, Amanullah Baloch and Naveed Iqbal	15
14:30-14:45	CHARACTERIZATION OF WHEAT GERMPLASM FOR YIELD AND ROOT TRAIT ASSOCIATED WITH DROUGHT TOLERANCE Muhammad Sajid, Habib Ahamd, Inamullah, Zafar Jamal and Waqas Khan	17
14:45-15:00	COMPARATIVE STUDIES FOR DROUGHT TOLERANCE IN MUTATED WHEAT (<i>TRITICUM AESTIVUM</i> L.) GENOTYPES Karim Dino Jamali, Mahboob Ali Sial, Mushtaq Ahmed Ahmedani, Muhammad Azeem Asad, Khalil Ahmed Laghari and Saima Arain	16
15:00-15:15	GENETIC DIVERSITY INDUCED THROUGH DIFFERENT IRRIGATIONS AMONG WHEAT GENOTYPES Shabana Memon, Sadaf Memon, Naushad Ali, Ghulam Hussain Jatoi and Manzoor Ali Abro	18
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15:30-15:45	TOLERANCE TOWARDS HEAT STRESS IN LATE SOWN HEXAPLOID WHEAT (<i>TRITICUM AESTIVUM</i> L.) Sajid Shokat, Wajid Ishaque, Sabir Ali Sabir, Muhammad Saleem and Mian Abdur Rehman Arif	19
15:45-16:00	AMBIENT OZONE POLLUTION EFFECT ON GROWTH AND PRODUCTIVITY OF TWO CULTIVARS OF MUNGBEAN BY USING ETHYLENEDIUREA S. Ahmed and A. Haider	19
16:00-16:15	CODON USAGE BIAS ANALYSIS FOR ABIOTIC STRESS GENES IN <i>ARABIDOPSIS THALIANA</i> AND <i>ORYZA SATIVA</i> Syed Qasim Shah, Muhammad Younas Khan Barozai and Muhammad Din	19
16:15-16:30	FIELD AND FRUIT EVALUATION OF SOME DATE PALM CULTIVARS GROWN UNDER AGRO-CLIMATIC CONDITIONS OF KHAIRPUR, SINDH Nazir Ahmed Soomro, Ghulam Sarwar Markhand, Adel Ahmed Abul-Soad, Mushtaque Ahmed Jatoi, Riaz Hussain Mari and Najamuddin Solangi	14
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14:15-14:30	RESPONSE OF WHEAT GERMPLASM TO PROLINE ACCUMULATION UNDER STRESS CONDITIONS Inamullah, Warda Tanoli, Habib Ahmad, Hakim Khan and Aziz Ud Din	14
14:30-14:45	SCREENING OF BREAD WHEAT GENOTYPES ON THE BASE OF PHYSIOLOGICAL TESTS AND SELECTED ROOT TRAITS FOR DROUGHT TOLERANCE Israr Ahmad, Habib Ahmad, Inamullah, Ikram Muhammad and Abdul Razzaq	15
14:45-15:00	GROWTH PROMOTING EFFECT OF SELENIUM RESISTANT BACTERIAL STRAINS ON <i>ZEA MAYS</i> UNDER SELENIUM STRESS Muhammad Faisal	18
15:00-15:15	BIOCHEMICAL AND PHYSIOLOGICAL EVALUATION OF FOUR EXOTIC BANANA CULTIVARS UNDER SALT STRESS IN INVITRO CONDITIONS Aish Muhammad, Wakeel Raza, Muhammad Asadullah, Iqbal Hussain and Jalal Ud Din	20
15:15-15:30	PHYSIOLOGICAL MECHANIS OF SALT TOLERANCE IN MAIZE (<i>ZEA MAYS</i> L.) Sami Ullah and Farah Sajjad	22

15:30-15:45	IMPACT OF BRACKISH WATER ON THE GARLIC PRODUCTION UNDER AN ARID ENVIRONMENT Niaz Ahmed, Amar Iqbal Saqib and Muhammad Farooq Qayyum	22
15:45-16:00	RESPONSE OF DIFFERENT SORGHUM (<i>SORGHUM BICOLOR</i> L.) GENOTYPES AGAINST WATER DEFICIT CONDITIONS Masood Qadir, Amir Bibi, Hafeez Ahmad Sadaqat and Muhammad Saleem	18
16:00-16:15	SUPPLEMENTAL ZINC AND POTASSIUM IMPROVE WHEAT GRAIN YIELD THROUGH ALTERATIONS IN PHYSICO-CHEMICAL ATTRIBUTES UNDER SALINE STRESS Sara Zafar and M. Yasin Ashraf	21
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17:00-18:30	Poster Session	
18:30-19:30	Business Meeting	
Day-2: 17-01-2016		
9:00-10:30	Session-IV: Nutrients & Biofertilizers Chair: Prof. Dr. Abdul Mubeen Lodhi Co-Chair: Dr. Ahmad Sher	
9:00-9:15	GROWTH AND YIELD RESPONSE OF WHEAT TO DIFFERENT DOSES OF POLYMER COATED PHOSPHATIC FERTILIZERS IN PAKISTAN Sobia Noor, Muhammad Yaseen, Muhammad Arshad and Rashid Ahmad	23
9:15-9:30	JUDICIOUS USE OF SUGAR MILL EFFLUENT FOR SUSTAINABLE CROP PRODUCTION: IMPLICATIONS FOR WHEAT (<i>TRITICUM AESTIVUM</i> L.) W. Hassan, M. Saleem, A. Sher, A. Sattar, M. Ijaz, T. Yasir and M. Hussain	24
9:30-9:45	EFFICIENCY OF PHOSPHATE SOLUBILIZING BACTERIA IN IMPROVING GROWTH AND YIELD OF WHEAT (<i>TRITICUM AESTIVUM</i> L.) UNDER DIFFERENT P-LEVELS Muhammad Ijaz, Hakoomat Ali, Ahmad Sher, Abdul Sattar, Muhammad Tahir and Kashif Azize	26
9:45-10:00	ACC-DEAMINASE PRODUCING RHIZOBACTERIA PROMOTES WHEAT GROWTH AND REDUCES CLASSICAL TRIPLE RESPONSE IN ETIOLATED PEA SEEDLINGS Nazneen Bangash, Aansa Rukya Saleem, Shamim Akhtar, Azeem Khalid and Shahid Mahmood	26
10:00-10:15	IMPACT OF BIO-FERTILIZER, MICRONUTRIENTS AND HUMIC ACID ON THE YIELD OF POTATO Faizan Ali, Aftab Afzal, Inayat-ur-Rahman, Farhana Ijaz and Zafar Iqbal	25
10:15-10:30	PHYSIOLOGICAL EXPRESSIONS OF HYBRID MAIZE IN RESPONSE TO TILLAGE SYSTEMS AND TEMPORAL NITROGEN APPLICATION Allah Wasaya, Fayyaz-ul-Hassan, Hakoomat Ali, A. Sattar, A. Sher, M. Ijaz, T.A. Yasir and Waseem Hassan	11
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11:00-11:15	RESISTANCE TO STRIPE RUST AND AGROMORPHOLOGICAL DIVERSITY IN SOME WHEAT VARIETIES OF BALOCHISTAN AND KHYBER PUKHTUNKHWA Abdul Sameem, Hadi Bux Bozdar, Syed Asmatullah Taran and Amanullah Baloch	2
11:15-11:30	MOLECULAR MAPPING OF STRIPE RUST RESISTANCE GENE IN WHEAT CV. SHAANNONG78 Muhammad Azeem Asad, Yan Ren, Jia Li and Chengshe Wang	2
11:30-11:45	DEVELOPMENT OF RUST RESISTANT WHEAT GENOTYPES TO COMBAT NEW VIRULENCES OF STEM RUST Muhammad Azeem Asad, Salman Ahmad, Muhammad Ismail and Karim Dino Jamali	3
11:45-12:00	GENETIC DIVERSITY BASED ON MORPHOLOGICAL TRAITS IN ALMOND NATIVE LANDRACES FROM GHIZER DISTRICT, GILGIT-BALTISTAN Nuzhat, Ishtiaq Hussain, Ghulam Raza, Muhammad Ali and Mubarak Ali Khan	11
12:00-12:15	GENETIC ANALYSIS FOR YIELD RELATED TRAITS IN MAIZE Sardar Ali, Naqib Ullah Khan and Muhammad Iqbal	11
12:15-12:30	TAPPING GENETIC DIVERSITY OF MAIZE IN KHYBER PAKHTUNKHWA, PAKISTAN Hidayat Ur Rahman, M. Iqbal and M. Yasir Khan	12

12:30-12:45	EVALUATION OF GENETIC DIVERSITY IN CULTIVATED AND WILD BARLEY POPULATIONS COLLECTED FROM JORDAN BASED ON QUANTITATIVE TRAITS Abdul Wahid Baloch, Muhammad Jurial Baloch, Munaiza Baloch, Muhammad Ahmed Arain, Tauqeer Ahmad Yasir, Abdul Majeed Baloch, Irfan Ahmed Baloch, M. Ali, Naila Gandahi, Tariq Ahmed Baloch and Song Weining	12
12:45-13:00	EVALUATION OF <i>BRASSICA NAPUS</i> L. (RAPE SEED) GENOTYPES FOR MORPHOLOGICAL TRAITS AND CHEMICAL COMPOSITION Bakht Naz, Shujaul Mulk Khan, Fayaz Ahmad and Habib Ahmad	13
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11:00-11:15	EFFECT OF PSM (PHOSPHATE SOLUBILIZING MICROORGANISM) ON GROWTH AND NUTRIENT UPTAKE OF SPINACH Irum Naz, Habib Ahmad, Alia Gul and Shahida Khokar	26
11:15-11:30	EFFECT OF CHEMICAL FERTILIZERS, <i>AZOSPIRILLUM</i> AND <i>PSEUDOMONAS</i> BACTERIA ON AGRONOMIC CHARACTERISTICS OF WHEAT (<i>TRITICUM AESTIVUM</i> L.) Irum Naz, Habib Ahmad, Alia Gul and Shahida Khokar	27
11:30-11:45	NUTRITIONAL QUALITY AND PRODUCTIVITY OF COARSE AND FINE RICE AS AFFECTED BY ZINC ENRICHED FARM YARD MANURE Muhammad Munir, Ayub Khan, Muhammad Saeed, Sher Aslam Khan, Shah Masaud Khan, Sardar Ali and Samiullah Khan	21
11:45-12:00	DIFFERENTIAL GROWTH RESPONSE OF WHEAT (<i>TRITICUM AESTIVUM</i> L.) GENOTYPES FOR DRY MATTER PRODUCTION, PHOSPHORUS UPTAKE AND USE EFFICIENCY UNDER DEFICIENT AND ADEQUATE PHOSPHORUS SUPPLY Sami Ullah Khan, Ali Raza Gurmani, Jalal-ud-Din and Abdul Qayyum	22
12:00-12:15	IMPACT OF PHOSPHORUS AND ZINC ON YIELD ATTRIBUTES OF WHEAT Shahenshah, Abdul Qadoos, Muhammad Arif, Kawsar Ali and Hamayoon Khan	23
12:15-12:30	AGRONOMIC EFFICIENCY AND HCN CONTENT OF SORGHUM CULTIVARS AS INFLUENCED BY ZINC AND BORON APPLICATION UNDER SUBTROPICAL CONDITION Shah Nawaz, Zammurad Iqbal Ahmad, Muhammad Ansar, Ahmad Sher, Allah Wasaya, Waseem Hassan and Muhammad Irfan	24
12:30-12:45	COMPARISON OF CEREAL LEGUME INTER-CROPPING SYSTEM FOR SUMMER AND SPRING PLANTING UNDER INORGANIC AND ORGANIC FERTILIZERS Adeel Anwar, Zammurad Iqbal Ahmed, Muhammad Ansar, Rifat Hayat and Muhammad Sohail-ur-Raza	25
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14:15-16:00	Session-VI: Agriculture & Horticulture Chair: Prof. Dr. S. Sarwar Alam Co-Chair: Dr. Hadi Bux Bozdar	
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14:30-14:45	COMPARATIVE ANALYSIS OF SOLAR TUNNEL DRYING AND OPEN SUN DRYING METHODS FOR DRYING ASEEL DATES AT KHAIRPUR, PAKISTAN Riaz Hussain Mari, Ghulam Sarwar Markhand, Adel Ahmed Abul-Soad Mushtaque Ahmed Jatoi, Najamuddin Solangi and Khan Muhammad Zangejo	30
14:45-15:00	EFFECT OF DIFFERENT PLANT EXTRACTS ON THE MORTALITY OF RED FLOUR BEETLE <i>TRIBOLIUM CASTANEUM</i> (COLEOPTERA; TENEBRIONIDAE) Muhammad Saeed, Tahir Bad Shah, Abid Farid, Ayub Khan, Amanullah Khan, Gul Zamin Khan and Shah Masaud Khan	32
15:00-15:15	GUM CORDIA- A NOVEL COATING TO INCREASE THE SHELF LIFE OF MANGO VARIETY CHONSA Muhammad Abdul Haq, Muhammad Faheem Akbar and Abid Hasnain	28

15:15-15:30	EFFICACY OF <i>ENTEROBACTER</i> SP. FD 17 TO IMPROVE GROWTH AND PHYSIOLOGY OF BRASSICA IN BIOCHAR AMENDED CADMIUM CONTAMINATED SOIL Asma Sabir, Zahir A. Zahir, Muhammad Naveed, H. Naeem Asghar and Azhar Hussain	28
15:30-15:45	MORPHOLOGICAL AND PHYSIOCHEMICAL CHARACTERIZATION OF JAMUN (<i>SYZGIUM CUMINI</i>) GERMPLASM EXISTING IN PUNJAB, PAKISTAN Naseem Sharif, Malik Mohsin Abbas, Noor-ul-Nisa Memon, Sitwat Riaz And Muhammad Ishfaq	29
15:45-16:00	EFFECT OF DIFFERENT PRUNING INTENSITIES AND TIMES ON FRUIT YIELD AND QUALTY IN FALSA (<i>GREWIA ASIATICA</i> L.) Muhammad Maaz Aziz, Naseem Sharif, Mohsin Abbas, Sitwat Riaz and Muhammad Ishfaq	29
16:00-16:15	BIOACTIVITY OF COMMON HERBS AGAINST <i>TRIBOLIUM CASTANEUM</i> HURBST (COLEOPTERA: TENEBRIONIDAE) – A DESTRUCTIVE PEST OF STORED GRAINS Marryam Bakhat Awar, Qamar Saeed, Faheem Ahmad, Shafqat Saeed and Waqar Jaleel	31
16:15-16:30	FIRST REPORT OF <i>APHIS GLYCINES</i> , A CANDIDATE FOR BIOLOGICAL CONTROL OF <i>PARTHENIUM HYSTEROPHOROUS</i> IN PAKISTAN Muhammad Akbar, Arshad Javaid, Muhammad Sajjad Iqbal and Khizar Hayat Bhatti	32
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9:15-9:30	OPTIMIZATION OF CULTURAL PARAMETERS FOR THE PRODUCTION OF LINCOMYCIN FROM <i>STREPTOMYCES</i> SPECIES Ikram-Ul-Haq, Hamid Mukhtar and Nadia Kanwal	39
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9:45-10:00	STUDY ON SOMACLONAL VARIATION IN SUGARCANE Saboohi Raza, Syeda Qamarunisa, Abid Azhar and Javed A. Qureshi	41
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11:30-11:45	IDENTIFICATION OF SNPs IN <i>TaER</i> GENES AND THEIR ASSOCIATION WITH CID RELATED TRAITS IN CHINESE BREAD WHEAT GENOTYPES UNDER WATER STRESS CONDITION Tauqeer Ahmad Yasir, Yin-Gang Hu, Hakoomat Ali, Abdul Wahid, Muhammad Ijaz, Ahmad Sher, Abdul Sattar, Allah Wasaya and Umer Farooq	36

11:45-12:00	GENETIC ANALYSIS OF AROMA (<i>FGR</i> GENE) AND EVALUATION OF SEED QUALITY CHARACTERISTICS IN RICE VARIETIES OF PAKISTAN Shagufta Sahar, Saddia Galani and Abid Azhar	41
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