



III INTERNATIONAL GREEN BIOTECHNOLOGY CONGRESS

30TH SEPTEMBER-2ND OCTOBER
SARAJEVO, BOSNIA AND HERZEGOVINA

SCIENTIFIC PROGRAMME

Moderator: *Lejla Pojskić*

Thursday, 30th September (CEST 8:30 – 16:30)

08:30 - 09:00	Virtual lobby meeting	
09:00 - 12:00	Online and onsite registrations, technical preparations, uploading presentations, technical check-ups	
12:00 - 12:50	Opening ceremony - INGEB garden cocktail	
	OPENING REMARKS	
12:50 - 13:10	Kasim Bajrović, Chairman of the Organizing Committee / Lejla Pojskić, Chairman of the Scientific Committee Rifat Škrijelj, Rector of the University of Sarajevo	
	Keynote lectures I	
	<i>Chaired by Ahu Altinkut Uncuoglu (Marmara University, Turkey)</i>	
13:10 - 13:40	Atanas Atanassov (<i>JGC, Sofia, Bulgaria</i>):	TOWARDS SUSTAINABLE AGRICULTURE VIA MODERN TECHNOLOGIES AND APPROACHES
13:40 - 14:10	Majeti Narasimha Vara Prasad (<i>University of Hyderabad, India</i>):	INTERNET OF THINGS [IOT] IN ENVIRONMENTAL BIOTECHNOLOGY AND MONITORING
14:10 - 14:40	Zahide Neslihan Öztürk Gökçe (<i>Niğde Ömer Halisdemir University, Turkey</i>):	TWENTY YEARS OF SHAKY RIDE TO ABIOTIC STRESS TOLERANCE
14:40 - 15:10	Yelda Özden Çiftçi (<i>Gebze Technical University, Kocaeli, Turkey</i>):	THE EFFECT OF MICRORNAS ON THE POST-RECOVERY SUCCESS OF <i>ARABIDOPSIS THALIANA</i> CRYOPRESERVATION
15:10 - 15:50	Coffee/Tea break & Poster Viewing	
	Oral presentations - PLANT BIOTECHNOLOGY	
15:50 - 16:10	Mirna Ćurković-Perica (<i>University of Zagreb, Croatia</i>):	EXTRACELLULAR LACCASE ACTIVITY OF CRYPHONECTRIA HYPOVIRUS 1 – INFECTED CHESTNUT BLIGHT FUNGUS
16:10 - 16:30	Nihal Öztolan Erol (<i>Sabancı University, Turkey</i>):	GENETIC CHARACTERIZATION OF POLYCARPELLARY TRAIT IN A TURKISH ENDANGERED LEGUME SPECIES (<i>VURALIA TURCICA</i>)

Friday, 1st October (CEST 8:30 – 15:30)

08:30 - 09:00	Virtual lobby meeting	
	Keynote lectures II	
	<i>Chaired by Jelena Samardžić (University of Belgrade, Serbia)</i>	
09:00 - 09:30	Gavin Sathianathan (<i>London, United Kingdom</i>)	A REVIEW OF EUROPEAN EFFORTS TO LEGALISE AND INTEGRATE MEDICAL CANNABIS INTO HEALTHCARE PROGRAMS
09:30 - 10:00	Fuad Gaši (<i>University of Sarajevo, Bosnia and Herzegovina</i>):	APPLICATION OF MOLECULAR TECHNIQUES IN SOLVING IMMEDIATE PROBLEMS OF FRUIT PRODUCERS
	Oral presentations - GENETIC RESOURCES AND BIOTECHNOLOGY	
10:00 - 10:20	Stuart J Lucas (<i>Sabancı University, Turkey</i>):	DESIGNING MOLECULAR MARKERS FOR VARIETY MONITORING AND QUALITY CONTROL IN EUROPEAN HAZELNUT
10:20 - 10:40	Helena Brekalo (<i>University of Mostar, Bosnia and Herzegovina</i>):	CHEMICAL COMPOSITION AND SUGAR CONTENT IN FRESH FRUITS OF WILD WILD POPULATIONS <i>ROSA CANINA</i> L. IN HERZEGOVINA
10:40 - 11:00	Adrijana Filipović (<i>University of Mostar, Bosnia and Herzegovina</i>):	ALTERNATIVE POSSIBILITIES OF SEED POTATO DORMANCY CONTROL
11:00 - 11:45	Coffee/Tea break & Poster Viewing	
	Keynote lectures	
	<i>Chaired by Fuad Gaši (University of Sarajevo, Bosnia and Herzegovina)</i>	
11:45 - 12:15	Erna Karalija (<i>University of Sarajevo, Bosnia and Herzegovina</i>):	ENHANCED PLANTS STRESS TOLERANCE BY SEED PRIMING
12:15 - 12:45	Jelena Samardžić (<i>University of Belgrade, Serbia</i>):	SAY SI TO SILICON IN PLANT NUTRIENT STRESS
	Sponsor's presentation	
12:45 - 13:00	Igor Pongrac (<i>Merck Life Sciences/Research Solutions, Zagreb, Croatia</i>):	SUSTAINABLE LAB FOR THE FUTURE WITH MERCK GREEN SOLUTIONS FOR NUCLEIC ACID EXTRACTION AND STERILE FILTRATION
13:00 - 14:30	Lunch break & Poster viewing	
	Oral presentations - TISSUE CULTURE AND NANOMATERIALS	
14:30 - 14:50	Tuğba Özgören Can (<i>Marmara University, Istanbul, Turkey</i>)	BIONANOPARTICLE APPLICATIONS AND THEIR IMPACT ON GROWTH PARAMETERS OF <i>HELIANTHUS ANNUUS</i> L.
14:50 - 15:10	Ilayda Goktepe (<i>Istanbul University, Turkey</i>)	SCREENING OF ANTICANCER TAXANES IN TURKISH HAZELNUT SUSPENSION CULTURES
15:10 - 15:30	Zeynep Akpak (<i>Marmara University, Turkey</i>):	CALLUS INDUCTION FROM UNDEVELOPED OVULES OBTAINED THROUGH INTERGENERIC HYBRIDIZATION BETWEEN <i>PHASEOLUS VULGARIS</i> AND <i>VURALIA TURCICA</i>

Saturday, 2nd October (CEST 8:30 – 15:00)

08:30 - 09:00	Virtual lobby meeting	
	Keynote lectures III	
	<i>Chaired by Lilijan Sulejmanović (London, United Kingdom)</i>	
09:00 - 09:30	Zoran Popovski (<i>Ss. Cyril and Methodius University, N. Macedonia</i>)	GENETIC RESHAPING OF INDUSTRIAL MICROORGANISMS - INEXHAUSTIBLE POTENTIAL FOR NEW PRODUCTS AND CLEANER TECHNOLOGIES
09:30 - 10:00	Aydin Yildiz (<i>Marmara University, Turkey</i>):	ROLE OF DOUBLED HAPLOIDS IN CROP IMPROVEMENT
10:00 - 10:30	Mehmet Cengiz Baloglu (<i>Kastamonu University, Turkey</i>):	CRISPR GENOME EDITING TECHNOLOGY AND APPLICATIONS IN PLANTS: RECENT PROGRESS, CHALLENGES AND PROSPECTS
10:30 - 11:20	Coffe break & Poster viewing	
	Oral presentations - ENVIRONMENTAL BIOTECHNOLOGY AND MONITORING	
11:20 - 11:40	Özlem Akkaya (<i>Gebze Technical University, Turkey</i>):	RHIZOREMEDIATION OF 2,4-DNT-CONTAMINATED SOILS: A MODEL SYSTEM FOR BENEFICIAL PLANT-BACTERIA INTERACTIONS
11:40 - 12:00	Tomica Mišljenović (<i>University of Belgrade, Serbia</i>):	OPPORTUNITIES FOR NI PHYTOMINING IN SERBIA: EXTRACTION OF NICKEL SALTS FROM THE HYPERACCUMULATING PLANT <i>ODONTARRHENA MURALIS</i>
12:00 - 13:30	Lunch break & Poster viewing	
	Keynote lectures	
	<i>Chaired by Lejla Pojskić (University of Sarajevo, Bosnia and Herzegovina)</i>	
13:30 - 14:00	Lilijan Sulejmanović (<i>London, United Kingdom</i>):	BIOTECHNOLOGY INNOVATION STRATEGY - UK EXAMPLE
14:00 - 14:30	Ahu Altinkut Uncuoglu (<i>Marmara University, Turkey</i>):	UNIVERSITY-INDUSTRY COLLABORATIONS AND ENTREPRENEURIAL ACTIVITIES IN PLANT BIOTECHNOLOGY
	Oral presentations - MICROBIOME POTENTIALS	
14:30 - 14:50	Omar Zennouhi (<i>Moulay Ismail University of Meknes, Morocco</i>):	DIVERSITY OF RHIZOBACTERIA ISOLATED FROM ROOT NODULES OF <i>BITUMINARIA BITUMINOSA</i> (L) STIRTON, A LEGUMINOUS SHRUB NATIVE OF MEDITERRANEAN AREAS
14:50 - 15:00	Congress closing	
	Rifat Hadžiselimović (<i>University of Sarajevo, B&H</i>)	CLOSING REMARKS