



# IV. INTERNATIONAL AGRICULTURAL, BIOLOGICAL & LIFE SCIENCE CONFERENCE

29-31 August, 2022, Edirne, Turkey

## AGBIOL 2022 CONFERENCE PROGRAM



### PLENARY SESSION

MONDAY, AUGUST 29<sup>TH</sup>, 2022

09 <sup>00</sup> - 12 <sup>00</sup>	Registration
09 <sup>45</sup> - 10 <sup>00</sup>	Opening Ceremony
10 <sup>00</sup> - 12 <sup>00</sup>	<b>OPENING SESSION:</b> Session Chair: <b>PROF. DR. AHMET ULUDAĞ</b> , Trakya University, Edirne, Turkey
10 <sup>00</sup> - 10 <sup>30</sup>	<b>ASSOC PROF DR GORDANA RACIC</b> - Educons University, Serbia "Use of selected <i>Trichoderma spp.</i> strains in ecological agriculture"
10 <sup>30</sup> - 11 <sup>00</sup>	<b>PROF DR VILIANA VASSILEVA</b> – Inst. of Forage Crops, Bulgaria "Evaluation of subterranean clover from a point of view possibility to use in Bulgarian environmental conditions"
11 <sup>00</sup> - 11 <sup>30</sup>	<b>PROF DR AHU ALTINKUT UNCUOĞLU</b> , Marmara University, Turkey "University-Industry Interactions and Entrepreneurial Activities in Agricultural Biotechnology"
11 <sup>30</sup> - 12 <sup>00</sup>	<b>PROF DR VALYA VASSILEVA</b> - Inst. Plant Physiology & Genetics, Sofia, Bulgaria "Genotype-Specific Morphological, Molecular and Epigenetic Changes Contribute to Wheat Drought Tolerance" (ONLINE)
12 <sup>00</sup> - 13 <sup>00</sup>	<b>LUNCH</b>

1 <sup>st</sup> Ses	AGBIOL-I NORMAL Session Chair Prof Dr Viliana VASSILEVA	AGBIOL-II NORMAL TURKISH Session Chair Prof Dr Mustafa TAN	AGBIOL-III ONLINE ENGLISH	AGBIOL-IV ONLINE ENGLISH	AGBIOL-V ONLINE TURKISH	AGBIOL-VI ONLINE ENGLISH	AGBIOL-VII ONLINE ENGLISH
13 <sup>00</sup> -13 <sup>15</sup> 1	<i>Cyperus difformis</i> Control in California Water-Seeded Rice as Affected by Application Timing of <i>Florpyrauxifen-benzyl</i> - Deniz Inci, Kassim Al-Khatib	96-Hour Acute Toxicity (LC50) of Ammonium Nitrate in Mosquito Fish ( <i>Gambusia holbrooki</i> ) - Utku Güner, Berkay Duvar	Effect of aqueous & hydromethanolic extracts of <i>Achillea odorata</i> , areal parts on gastrointestinal motility in mice - Hind Amira, Hassiba Benabdallah, Walid Maamache, Fatima Benchikh, Smain Amira	Association of mc4r and cacna2d1 gene polymorphisms with carcass characteristics, meat quality in Turkish native cattle breeds & their crossbreeds with the Holstein-Friesians - Sena Ardicli, Fazlı Alpaly	The Characterization and Biotechnological Application of Thermophilic Alpha-L-arabinofuranosidase from <i>Geobacillus</i> species - Ahmet Enes Uray, Hasan Murat Velioglu, Yusuf Sürmeli	Antifungal, antioxidant activity & characterization of volatile compounds of the brown algae <i>Saccorhiza polyschides</i> - Nadia Bahammou, Ouafa Cherfi, Hafida Bouamama	Comparative structural analysis of plant defensin Nad1 protein in thirteen species of <i>Fabaceae</i> family - Milad Moeini, Narges Gorjizadeh, Samin Seddigh
13 <sup>15</sup> -13 <sup>30</sup> 2	Nonspiny safflower as a potential agricultural intervention for semi-arid and arid environments of Punjab-Pakistan - Hassan Munir, Muhammad Sajid, Muhammad Alamgeer, Muhammad Usama	Yield and some properties of silage corn as influenced by nitrogen & vermicompost rate - Yakup Tobay, Mustafa Tan	Phytochemical investigation & evaluation of the phenolic and flavonic contents of leaves from a species of the <i>Asteraceae</i> family & the Research of antioxidant & Antibacterial activities - Abdeldjalil Kerkabou, Ratiba Mekkiou, Manel Boumaraf	Main causes of blindness and visual impairment in children at the Med 6 Marrakech University hospital center - Soukaina Loulidi, Loukid Mohamed, Samia Boussaa	Recovery of rare soil elements from industrial waste - Gozde Erguven, Nuran Cıkcıkoğlu Yıldırım, Gokhan Onder Erguven	Conserved Motifs Identification of mitogen-activated protein kinase (MAPK) in fourteen species of seed plants - Narges Gorjizadeh, Milad Moeini, Samin Seddigh	A novel plant-based enzymatic protein hydrolysate applied as a seed-soaking agent enhances growth of wheat seedlings under control & drought conditions - Burak Tunçbaş, Ümit Barış Kutman



2 <sup>nd</sup> Ses	AGBIOL-I NORMAL FRENCH Session Chair Amel NAJAR	AGBIOL-II NORMAL TURKISH Session Chair Assoc Prof Dr Suleyman KÖK	AGBIOL-III ONLINE ENGLISH	AGBIOL-IV ONLINE FRENCH	AGBIOL-V ONLINE TURKISH	AGBIOL-VI ONLINE ENGLISH	AGBIOL-VII ONLINE ENGLISH
15 <sup>30</sup> -15 <sup>45</sup>  9		Development of Nasal Mucoadhesive In Situ Gel Spray Formulations for Antiviral Purpose - <u>Burcu Özkan</u> , Ebru Altuntaş, Hilal Çalık, Yıldız Erginer, Rabia Çakır Koç	qPCR & troubleshooting: from development to validation approach - Aicha El Baaboua, Mohamed El Maadoudi, Omar Belmehti Abdelhakim Bouyahya, Ayoub Kounnoun, Sanaa Ouzakar, Nadia Skali Senhaji, Jamal Abrini	Biological control of the mite Varroa destructor parasite of the honeybee <i>Apis mellifera</i> - Assia Cherifi, <u>Katia Djenadi</u> , Zakia Cherifi, Mohamed Malik Mahdjoub, Ahmed Boulal, Ferroudja Medjdoub-Bensaad	Probable health risk assessment of essential elements in water of natural dam lakes of Thrace Region (Türkiye) - Cem Tokatlı	Rice Panicles Development as Affected by Floryprauxifen-benzyl Applications in California Water-Seeded Rice - <u>Deniz Inci</u> , Kassim Al-Khatib	Analysis of beekeepers' behaviour of production documenting during establishment of honey traceability system: Study case of Tunisia - Ben Ismail Hanen, Hamzaoui Manel, Jmal Souha, Sarra Jribi, <u>Debbabi Hajer</u>
15 <sup>45</sup> -16 <sup>00</sup>  10	Health risk from microcystin-contaminated fruit crops: a case study of Marrakesh city, Morocco - <u>El Mahdi Redouane</u> , Zakaria Tazart, Richard Mugani, Sara Elgadi, Hamza Zine, Mohammed Haida, José Carlos Martins, Majida Lahrouni, Khalid Oufdou, Alexandre Campos, Vitor Vasconcelos, Brahim Oudra	Gender inequality during the Covid-19 pandemic; from the window of university students - <u>Gülden Aynacı</u>	De novo assembly and annotation of the <i>Actinidia kolomikta</i> CV. 'Dr Szymanowski' chloroplast genome and comparative analysis with other actinidia species and cultivars - <u>Maria Gladysheva-Azgarı</u> , Fedor Sharko, Natalia Slobodova, Svetlana Tsygankova, Eugenia Boulygina, Irina Mitrofanova	ATR-FTIR analysis to assess quality of saffron ( <i>Crocus sativus</i> L) from different area of Morocco - <u>Naim Nadia</u> , Ennahlı Said, Madanı İlham	Boron and selenium accumulations in drinking water of İpslala District (Edirne, Türkiye) - Cem Tokatlı	Determining the reactions of wheat cultivars developed by the Trakya Agricultural Research Institute against common bunt diseases ( <i>Tilletia foetida</i> Wallr.) - Banu Tülek, İrfan Öztürk, Onur Göktepe, Remzi Avcı, <u>Adnan Tülek</u>	<i>Mentha piperita</i> essential oil from different geographical origin, chemical profil and cytotoxic activity - <u>Saša Đurović</u> , Snežana Filip, Željko Žizak, Tatjana Stanojković, Pavel Riabov, Rade Božović, Dušan Jovanović, Stevan Blagojević
16 <sup>00</sup> -16 <sup>15</sup>  11	First report on microalgae cultivation in flat-plate photobioreactors under the arid climate of Morocco: Evaluation of the effect of Light-Temperature on the growth & physiology of <i>C. sorokiniana</i> UCA001- <u>Aafaf Krimech</u> , Ouafa Cherifi, Abdesamad Hejjaj, Richard Mugani, Naaila Ouazzani, Brahim Oudra, Martin Kerner, Laila Mandi	Impact of Covid-19 pandemic on menstrual cycle in young women in Edirne province, Turkey - <u>Gülden Aynacı</u>	Gene Expression Patterns and Activities of Antioxidant Enzymes in Olive Leaves in Response to Drought Stress and Recovery - <u>Bihter Uçar</u> , Aşkıım Hediye Sekmen Çetinel, Nurcan Uluçay , Kemal Şanlı, Erhan Erdik, Azime Gökçe, Ünal Kaya, Birsen Cevher-Keskin	Variations in phytochemical composition of <i>Scabiosa atropurpurea sub. maritima</i> L. according to extraction method and plant part - Niama Wijden	Production of biodiesel from waste vegetable oils - Berrak Bayat, Emel Kıyan, Gokhan Onder Erguven	Determining the reactions of wheat and barley varieties developed by trakya agricultural research institute to loose smut of wheat and barley ( <i>Ustilago nuda f.sp. tritici</i> and <i>U. nuda f.sp. hordei</i> ) diseases - Banu Tülek, <u>İrfan Öztürk</u> , Onur Göktepe, Remzi Avcı, <u>Adnan Tülek</u>	Biochemical characteristics of wines from autochthonous grape cultivars in various areas of Albania - Mamica Ruci, Fatbardha Lamçe, <u>Julian Karauli</u> , Anxhela Naka, Kapllan Sulaj, Onejda Kycyk
16 <sup>15</sup> -16 <sup>30</sup>  12	Phytochemical composition & antioxidant and anti-inflammatory effects of <i>Crocus sativus</i> tepals from Morocco - <u>Maroua Ait Tastift</u> , Zineb Omari, Chemseddoha Gadhi	Vaginismus - is it possible to screen young women? - <u>Gülden Aynacı</u>	Seed germination test of <i>Maerua siamensis</i> (Kurz) Pax - <u>Prattana Maporn</u> , Santi Watthana, Nooduan Muangsan	Study of the influence of biological inputs of vegetal origin on tomato insect - <u>Karima Lemeurs</u> , Allal Benfekih Leila	Evaluation of Developmental Toxicity of Everzol Blue EDG on Zebrafish ( <i>Danio rerio</i> ) Embryos - Duygu Ozhan Turhan	Effect of treatment with herbicides in sunflower hybrids on weed infestation- Zornitsa Petrova	Trends in honey purchase and consumption in the Great Tunis region - Sarra Jribi, Hanafi N. Houda, Souha Jmal, Hassene Ben Salem, Hajer Debbabi, Ben Ismail Hanen

16 <sup>30</sup> -16 <sup>45</sup>	<b>13</b> Targeting Allatostatin Type-C receptor of <i>Thaumetopoea pityocampa</i> for novel agonists as next-generation pesticide- Kubra Kahveci, Serdar Durdağı, Necla Birgül	Sexual and reproductive health educational needs and related factors among university students in Edirne, Eastern Thrace -Gülden Aynacı	Screening of AHL Lactonase Producer Bacteria from Agricultural Lands - Kübra Erkan Türkmen, Hikmet Katırcıoğlu	Pieging determination of diversity & abundance of insect families associated with growing tomatoes in blida greenhouse - <u>Karima Lemeurs</u> , Allal-Benfekih Leila	The evaluation of organotin pollution in surface sediments of Iznik Lake (Bursa, Türkiye) - Barış Güzel	Response of different sunflower genotypes to PEG-mediated water stress - Daniela Valkova	Quality and Consumers Acceptability of Traditional Pasta Enriched with Wheat Bran - Dorra Sfeyhi, Souha Ben Farhat, Sarra Jribi, Sally Amadou, <u>Hajer Debbabi</u>
16 <sup>45</sup> -17 <sup>00</sup>	<b>14</b> The Effects of Pesticides on Secondary Metabolites of Bean Plants ( <i>Phaseolus vulgaris</i> L.) - Latifa Talhaoui	Relationship between stress level and vaginitis symptoms; a study with Trakya University Health Sciences undergraduate students - Gülden Aynacı	Insights on the phylogenetic utility of RPD2 gene: A case study of <i>Silene</i> L. ( <i>Caryophyllaceae</i> ) -Zeynep Toprak	Alleviation of adverse effects of salt stress on faba bean ( <i>Vicia faba</i> L.) plants by exogenous application of salicylic acid - Yakoubi Fatima	Current Approaches to Bioremediation of Landfill Leachate - Elif Kardas, Numan Yıldırım, <u>Gokhan Onder Erguven</u>	A study on determination the chemical quality of sunflower meals produced in Trakya region - <u>Zeynep Erdoğan</u> , Tugay Kocabaş	Improvement of the hygienic quality of a contaminated fresh cheese by the addition of essential oil from <i>Mentha spicata</i> leaves - <u>Aicha Sbaihia</u> , Zohra Boukefoussa
17 <sup>00</sup> -17 <sup>15</sup>	<b>15</b> Antioxidant and anti-inflammatory activities of methanolic extract from the Moroccan endemic plant <i>Andryala pinnatifida</i> subsp <i>mogadorensis</i> - <u>Ouhaddou Soukaina</u> , Benrazzouk Karima, Sissi Saida, Bellioua Sara, Markouk Mohamed, Bekkouche Khalid, Larhsini Mustapha	Characterization of Extra Virgin Olive Oil from Olive Cultivars Grown in Pothowar (Pakistan - Anwaar Ahmed, Abida Mariam, Muhammad Akram Khan	Production of fish protein hydrolysates through Solid State Fermentation from <i>Oncorhynchus mykiss</i> waste - <u>Ikhlas Laasri</u> , Laura Majias Torrent, Oscar Mauricio Martinez Avila, Enric Garcia Muchart, Mabel Mora Garrido, Amin Lagaloui	Antioxidant and antifungal activities of <i>Juniperus phoenicea</i> and <i>Salvia officinalis</i> essential oils - Nouara Ait Mimoune	The factors that effects microorganisms in the recovery of rare earth elements - Gozde Erguven, Nuran Cıkcıkoğlu Yıldırım, <u>Gokhan Onder Erguven</u>	Yield and yield component in barley ( <i>Hordeum vulgare</i> L.) genotypes under rainfed conditions - İrfan Öztürk	The Influence of climatic conditions on the chemical and bioactive components of some apple varieties cultivated in the area of Korça - Fatbardha Lamçe, Julian Karauli, Mamica Ruci, Bardhosh Ferraj, Kapllan Sulaj, Onejda Kyçyk
17 <sup>15</sup> -17 <sup>30</sup>	<b>16</b> Effect of salicylic acid on growth, nutrient uptake, antioxidant activities and steviol glycosides of <i>Stevia rebaudiana</i> Bertoni under salt stress condition - <u>Iman Janah</u> , Abdelhadi Elhasnaoui, Rachida Makbal, Maroua Ait Tastift, Kamal Lamnai, Salama Aissam, Kenza Louffi	Characterization of Date Palm (Phoenix dactylifera L.) Cultivars Grown in Baluchistan, Pakistan - Anwaar Ahmed, Muhammad Akram Khan, Abida Mariam	Evaluation of ultraviolet (uv) absorption ability of menengiç and olive oils from Turkey - Ali Sağlam	Demographic structure and spatial distribution of Holm oak in the Chettaba forest - <u>Alia Zerrouki</u> , Karima Kara, Malika Rached-Kanouni, Lylia Redjaimia, Boutheyne Touafchia	A comparison of energy use in conventional and organic olive production in Kaz Mountains, Çanakkale, Turkey - Hatice Dal, <u>Evrin Karacetin</u>	Effect of the main agronomy factors on the productivity and the physical properties of common winter wheat ( <i>Triticum aestivum</i> L.) grown under conditions of conventional production & under transition to organic production - Atanas Atanasov	Evaluation of the acute toxicity of the hydroethanolic extract of <i>Crocus sativus</i> stigma in Swiss albino female mice - <u>Maroua Ait Tastift</u> , Zineb Omari, Aicha Ezoubeiri, Chemseddoha Gadhı
17 <sup>30</sup> -17 <sup>45</sup>	<b>17</b> Assessment of the Moroccan coastal ecosystem health in three cities (Eljadida, Safi & Essaouira) using seaweeds as a tool in the biomonitoring - <u>Ouafa Cherifi</u> , Younes Boundir, Hasnae Sabri, Mustapha Hasni, Nadia Bahammou	Experimental Investigation of Output Power Using Phase Change Material (RT-44HC) in Polycrystalline Solar Panels - Ozan Akı, İlhan Umut, <u>Dinçer Akal</u> , Taskin Tez	Extraction collagen from <i>Parapenaeus longirostris</i> through submerged liquid fermentation - <u>Ikhlas Laasri</u> , Laura Majias Torrent, Amin Lagaloui	Floristic composition and structure of the Zouagha forest (Eastern Algeria) - <u>Chouiter Norhane</u> , Malika Rached-Kanouni, Ahmed Laala, Lylia Redjaimia	The Metallothionein and Glutathione Levels of Mediterranean mussel ( <i>Mytilus galloprovincialis</i> ) in the Çanakkale Strait Selin Ertürk Gürkan	The reflectance index as indicators of drought tolerance of some durum wheat ( <i>T. durum</i> Desf.) genotypes growing under semi-arid conditions Setif, Algeria - <u>Ali Guendouz</u> , Benalia Frih, Abdelmalek Oulmi, Sarah Benkadja, Hocine Bendada	Freshly Reisolated <i>P. indica</i> Acclimated to B Toxicity and Salinity Stress in vitro Boosts Stress Tolerance and Growth of Wheat - <u>Taşkın Kerem Koçak</u> , Ali Kaval, Halil Yılmaz, Sedef Tunca Gedik, Ümit Barış Kutman



17 <sup>45</sup> -18 <sup>00</sup>	18	Optimization studies on the epoxidation reaction parameters of sunflower oil using response surface methodology - <u>Emre Akdoğan</u> , Murat Erdem	The investigation of BVDV, BoHV-1, and BoHV-4 infections abortion cases in cattle in the Van region of Turkey - Hatice Yıldız , Ali Rıza Babaoğlu	Soybean Response to Micro-rates of Dicamba and 2,4-D - Stevan Knezevic	Evaluation of the viability of <i>Quercus canariensis</i> in the Forest of Ouled Bechih (Souk Ahras) - <u>Boutheyna Touafchia</u> , Malika Rached-Kanouni, Lylia Redjambia, Alia Zerrouki	Effectiveness of <i>Aloe vera</i> leaf extract as a bio-coagulant for the treatment of industrial effluent by coagulation-flocculation - <u>Şakir Yılmaz</u>	Preliminary survey for mapping the distribution of local varieties by using the National register of Plant Genetic Resources in Bulgaria - Nikolaya Velcheva	Harmful entomofauna by chickpeas - <i>Cicer arietinum</i> L. - Stefan Rashev, Nedyalka Palagacheva, Stoyan Georgiev
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	AGBIOL-I NORMAL ENGLISH Session Chair Assoc Prof Dr Gökhan KAÇAR	AGBIOL-II NORMAL ENGLISH Session Chair Prof Dr Sami BULUT	AGBIOL-III ONLINE ENGLISH	AGBIOL-IV ONLINE ENGLISH	AGBIOL-V ONLINE FRENCH	AGBIOL-VI ONLINE TURKISH	AGBIOL-VII ONLINE ENGLISH	
3 <sup>RD</sup> Ses	TUESDAY, 30.08.2022	TUESDAY, 30.08.2022	TUESDAY, 30.08.2022	TUESDAY, 30.08.2022	TUESDAY, 30.08.2022	TUESDAY, 30.08.2022	TUESDAY, 30.08.2022	
09 <sup>00</sup> -10 <sup>30</sup>	19	Inoculation with <i>Arbuscular mycorrhizae</i> Protects Wheat from the Combined Effects of Boron Toxicity and Salinity under Low & High-Phosphorus Conditions - Burak Tunçbaşı, Ümit Barış Kutman	Microalgae culture for food supplementation: An insight into lipid fraction - Sarra Jribi, Souhir Bouazizi Sameh Jaffeli, Hajer Debbabi, Hamdi Moktar	Influence of drought stress on molecular and physiological responses in sunflower seedlings - Angela Port, Steliana Clapco, Maria Duca	Anti-proliferative, anti-microbial and anti-quorum sensing activities of <i>Apium sp.</i> , <i>Myosotis sp.</i> , <i>Veronica sp.</i> - <u>Ülkü Zeynep Üreyen Esertaş</u> , Nebahat Ejder , Saliha Ekşi	Effect of olive cake on lipid profile and adipocyte size distribution in post-weaning obese rats - Mansourou Samba Garba, Sherazede Bouderbala	Effects of fermented olive leaf and its wastewater on performance parameters of broiler chickens - Fatih Yayla, <u>Şevket Özlü</u> , Emrah Güngör, Aydın Altop , Güray Erener	Chemical defoliation in the vine nursery - Neli Prodanova-Marinova
09 <sup>15</sup> -09 <sup>30</sup>	20	Investigation of Borax-Colemanite Mixtures as Slow-Release and Lower-Risk Boron Fertilizers for Soybean - <u>Taşkın Kerem Koçak</u> , İsmail Çakmak, Ümit Barış Kutman	Food wastage in a Tunisian University Canteen: Impact of an education and awareness campaign on students' attitudes and behaviors - Sarra Jribi, Rezgui Marwen Ben Ismail Hanen, Derine Dogui, Layla Ben Ayed, Hajer Debbabi	Approbation of the molecular markers for selection of drought tolerant genotypes among Ukrainian winter bread wheat varieties - Sabina Chebotar, Galyna Chebotar, Yuriy Lavrynenko, Alla Bakuma	Evaluation of Antimicrobial Activity of Acetic and Citric Acids against <i>Salmonella thyphimurium</i> in Chicks Feed - Aicha El Baaboua, Mohamed El Maoudi, Omar Belmehti, Ayoub Kounoun Soumaya Cheyadmi, Abdelhakim Bouyahya, Jamal Abrini	Olive cake reduces blood pressure by modulating gut microbiota and its metabolite in dexamethasone-induced hypertensive rats - Mansourou Samba Garba, Sherazede Bouderbala	Determination of changes in some nutrient content of <i>Agaricus bisporus</i> cap part fermented with rumen liquid in different environmental conditions - <u>Şevket Özlü</u> , Emrah Güngör, Aydın Altop, Güray Erener	Technological characteristic of Cabernet Sauvignon wine produced from organically grown grapes - Tatyana Yoncheva
09 <sup>30</sup> -09 <sup>45</sup>	21	Physico-chemical characterization of argan oil and protective effects against oxidative stress in mouse - Boubker Nasser	Amaranth leaves and seeds - amino acid profile and chemical characteristics - Aleksandar Stevanovic, Nenad Bunjac, Vladan Pesic, Biljana Korunoska, Jelena Bošković	Influence of systematic mineral fertilization on the yield & quality of malting barley variety "Ahat" - Petya Angelova, Petar Nikolov, Galin Ginchev, Evgeniya Zhekova	The impact of dill leaves on the Sensory quality of Tuna pate - <u>Elif Tuğçe Aksun Tümerkan</u> , Bahar Tokur, Fatih Özoğul	Sensorial characteristics of yoghurt based on goat's milk and quinoa flour - Ajblı Nouhaila, Yassine Zine-Eddine, Kzaiber Fouzia , Oussama Abdelkhalek , Boutoial Khalid	Determination of spider species distributed in Konya province, Selçuklu district and surroundings - İhsan Obalı	Morpho - biological properties of semi-oriental tobacco varieties - Karolina Kochoska
09 <sup>45</sup> -10 <sup>00</sup>	22	Ethnobotanical Data on <i>Delphinium Tourn. ex L. (Ranunculaceae)</i> Taxa- Zeliha Cepe, <u>İlham Eröz Poyraz</u>	Comparative investigation of the effects of curcumin and new generation ultrasol curcumin on neuroblastoma cell line - Songul Yeni, Hilal Samast, Ayten Bostanci, Mehmet Yabas	Input use and soil productivity in organic agriculture - Nurdan Zincircioğlu	A hepatoprotective Plant: <i>Silybum marianum</i> L - Fadime Eryılmaz Pehlivan	Effect of goat's milk casein hydrolysates with or without zinc on carbohydrate homeostasis & renal function in type 2 diabetic rats - Megherbi Houda Zohra	Testing microsatellite loci in Caucasian Parsley Frog ( <i>Pelodytes caucasicus</i> ) - Tuğba Ergül Kalaycı, Çiğdem Gül	Dynamics of the aphid population on tobacco in Prilep region - Vesna Krsteska, Stanislava Lazarevska, Marija Srbinoska, Valentina Pelivanoska

10 <sup>00</sup> -10 <sup>15</sup>	23	The use of Titanium Dioxide Nanotube as a new clean-up reagent for the determination of some pesticides commonly found in Peach in GC-MS/MS and LC-MS/MS - H. Levent Hoşgün, Mertin Hamzaoğlu M. Turkey Aytekin	Comparative investigation of the effects of curcumin and new generation ultrasol curcumin on a glioma cell line - Hilal Samast, Songul Yeni, Ayten Bostanci, Mehmet Yabas	Assessing stakeholders' satisfaction with the transformation of conventional auction into an e-auction - Chamini Welhena, Lalith Amarathunga, Rashmi Senavirathna, Prathiba Kahandage, Hishantha De Mel	Extending Shelf Life of Mini Breads by Development and Application of Edible Cellulose-Based Films - Seval Cing Yildirim, Fadime Nulufer Kivilcim, Incilay Gökbulut	Artisanal fresh cheese quality improvement using different hurdle technologies combination - Melika Mankai, Dely Maissa, Zaouak Amira, Hayet Ben Haj Koubaier, Hassouna Mnasser	A Skeletochronological Estimation of Age Structure in Two Populations of the Caucasian Parsley Frog: <i>Pelodytes caucasicus</i> , from Turkey - Tuğba Ergül Kalaycı, Kafiye Gümüşsoy	Morpho-biological properties of semi-oriental tobacco varieties - Karolina Kochoska
10 <sup>15</sup> -10 <sup>30</sup>	24	Enhancement of the oxidative stability of corn oil under accelerated storage by blending with grapeseed oil ( <i>Vitis vinifera</i> ) - Mnari Amira	Soil applied sulphur and gypsum application improves productivity and seed quality of groundnut genotypes under rainfed condition - Abdul Manaf , Tahira Batool, Ahmad Sher	The effectiveness of the farmer field school extension approach for technology transferring to tea smallholders in Sri Lanka – Senavirathna Rashmi, Chamini Welhena, Lalith Amarathunga, Prasad Mahindaratne, Dhammika Mahagama, Chamali Amarakoon	Durum wheat gluten quality under the adoption of long-term conservation agriculture in Tunisia - Kerbouai Imene, Sassi Khaled, Ben Ismail Hanen	Effect of lactoperoxidase system activation and heat treatments of refrigerated cow's milk on the quality of uncooked pressed cheese Saint-Paulin type during ripening - Melika Mankai, Snoussi Ahmed, Hassouna Mnasser	The effects of synergistic effects of pomegranate peel extract and prebiotic on fattening performance and some blood parameters in quail - Evrim Kubad	Preliminary study on sources and causes of milk losses in dairy farms in North of Tunisia (Bizerte) - Ben Ismail Hanen
10 <sup>30</sup> -11 <sup>00</sup>		<b>Coffee break</b>	<b>Coffee break</b>	<b>Coffee break</b>	<b>Coffee break</b>	<b>Coffee break</b>	<b>Coffee break</b>	<b>LUNCH</b>
4 <sup>TH</sup> Ses		<b>AGBIOL-I NORMAL ENGLISH Session Chair Asst Prof Dr Güzin TUNCA ALPASLAN</b>	<b>AGBIOL-II ONLINE ENGLISH</b>	<b>AGBIOL-III ONLINE ENGLISH</b>	<b>AGBIOL-IV ONLINE FRENCH</b>	<b>AGBIOL-V ONLINE TURKISH</b>	<b>AGBIOL-VI ONLINE ENGLISH</b>	<b>AGBIOL-VII ONLINE ENGLISH</b>
11 <sup>00</sup> -11 <sup>15</sup>	25	In vitro and in vivo screening of <i>Beauveria bassiana</i> strains for endophytic and insecticide activity - Tinatin Doolotkeldieva, Elita Ismailova	Effect of dietary supplementation with plants' essential oils on welfare of sea bass " <i>D. labrax</i> " in farming conditions -Soumaya Cheyadmi, Housni Chadli, Hassan Nhhala, Bouchra El Yamlahı, Aicha El Baaboua, Hicham Chairi	Climate change and food security - Yalçın Güçer, Havva Eylem Polat, Alper Serdar Anlı, Elif Ayşe Anlı	Blindness and visual impairment among children in Marrakech-Safi: Incidence and risk factors - Soukaina Loulidi, Loukid Mohamed, Samia Boussaa	Analysis of phenylpropanoids and expression of biosynthesis-linked genes in basil transformed with <i>Agrobacterium rhizogenes</i> - Dursun Kısa	Participation of salicylic acid (SA) and abscisic acid (ABA) in the defensive response of lupine to the fungal pathogen <i>C. gloeosporioides</i> - the causative agent of anthracnose - Magda Formela-Luboińska, Tamara Chadzınıkolau	Influence of the osmotic stress in growth of young cotton seedlings - Minka Koleva, Valentina Dimitrova
11 <sup>15</sup> -11 <sup>30</sup>	26	Identification & expression profiling of toxic boron-responsive microRNAs & their targets in sensitive & tolerant wheat cultivars -Doğa Selin Kayıhan, Emre Aksoy, Ceyhun Kayıhan	Monitoring, introduction, and useful traits of <i>Agriophyllum Squarrosum</i> L. - Aybatsha Zhubanysheva	Functions of type V secretion system and autotransporter proteins in <i>Salmonella</i> - Hale Elçin Latifi, Mustafa Akçelik, Nefise Akçelik, Asiye Nur Karaca	Co-responsibility of the population & health professionals in the fight against leishmaniasis - Mounia Amane, Mohamed Echchakery, Hafidi Mohamed, Samia Boussaa	Palynological, Anatomical and Micromorphological Features of Endemic <i>Cousinia woronowii</i> Bayram Atasagun, Deniz Ulukuş	Genetic composition of <i>Mytilus</i> species in mussel settlements from the North Sea - Inna Chubyk, Yuriy Kvach, Sabina Chebotar	Inheritance of lint percentage in F1 diallel cotton crosses ( <i>Gossypium hirsutum</i> L.)- Valentina Dimitrova, Minka Koleva

1130-1145	27	Determining the molecular regulation of excess boron sequestration with anthocyanin & glutathione into vacuole in <i>Arabidopsis thaliana</i> -Ceyhun Kayihan, Emre Aksoy, Doğa Selin Kayihan	Evaluation of the efficacy of some entomopathogenic fungus isolates against Tomato leaf miner <i>Tuta absoluta</i> (Meyrick) larvae [ <i>Lepidoptera: Gelechiidae</i> ] - Tadesse Kebede Dabsu	PagN: A novel adhesin/invasin gene in <i>Salmonella</i> - <u>Asiye Nur Karaca</u> , Mustafa Akçelik, Nefise Akçelik, Hale Elçin Latifi	Health workers' practice in the diagnosis and management of leishmaniasis cases - Mounia Amane, Mohamed Echchakery, Hafidi Mohamed, Samia Boussaa	Investigation of the Cytotoxic and Genotoxic Effects of Ytterbium Oxide (Yb2O3) Nanoparticles on Human Dermal Fibroblast Cells - Zeliha Tuğçe Şahin	Evaluation of in vitro genotoxic potential of natural biostimulants in a model system of BALB/C 3T3 fibroblasts -Mariyana Georgieva, Zlatina Gospodinova, Georgi Antov, Violeta Velikova	Directions and achievements of cotton breeding in Bulgaria - Valentina Dimitrova, Neli Valkova, Minka Koleva, Spasimira Nedyalkova
1145-1200	28	Prediction of SIMLO1 protein paralogs in <i>Solanum</i> L. spp. using partially assembled genomic data - <u>Alexandr Pozharskiy</u> , Dilyara Gritsenko	Developing organic agriculture production in Tuyen Quang Province, Viet Nam - Yen Do Hai	Functional food - products from tomato with lycopene in prevention of cardiovascular diseases - <u>Amna Bijedic</u> , Hanadija Omanovic, Semira Sefo	Diversity and enhancement of NWFPS from plant groups in the forest of Tesser Mramet of the Monts de Tlemcen - <u>Boucif Ouarda El Wahida</u> , Malika Rached-Kanouni	Determination of eutrophication levels in water bodies of Eskisehir province - <u>Ahmet Can Ogan</u> , Nurhayat Dalkiran, Aleyna Sanbur, Mehmet Yavuzatmaca	Methods of mechanochemical activation of industrial catalysts of carbon oxides hydrogenation -Maria Baran, Natali Khimach, Tatiana Tkachenko, Dmytro Kamenskyh, Vitaliy Yevdokymenko	Comparative testing of forage peas variety "Mir" in the conditions of organic and conventional agriculture - Stoyan Georgiev, Stefan Rashev, Spasimira Nedyalkova, Teodora Barakova
1200-1300		<b>LUNCH</b>	<b>LUNCH</b>	<b>LUNCH</b>	<b>LUNCH</b>	<b>LUNCH</b>	<b>LUNCH</b>	<b>LUNCH</b>
5th Ses		<b>AGBIOL-I NORMAL ENGLISH Session Chair Dr Irfan ÖZTÜRK</b>	<b>AGBIOL-II ONLINE ENGLISH</b>	<b>AGBIOL-III ONLINE ENGLISH</b>	<b>AGBIOL-IV ONLINE TURKISH</b>	<b>AGBIOL-V ONLINE TURKISH</b>	<b>AGBIOL-VI ONLINE ENGLISH</b>	<b>AGBIOL-VII ONLINE</b>
1300-1315	29	Principles for discrimination and reasons for conservation of local Bulgarian honey bee <i>A. m. rodopica</i> - <u>Evgeniya N. Ivanova</u> , Plamen Petrov	Wheat chickpea intercropping for efficient use of phosphorus and nitrogen in Mediterranean agroecosystems - <u>Chenene Yacine</u> , Ounane Sidi Mohamed	The potential of avocado seed powder as a natural additive in ice cream: Physicochemical, sensory and digestive properties - <u>Nour Awad</u> , Ayşegül Beşir, Mustafa Mortaş	Possibilities of Using Wind Turbine Energy System in Vermicompost Fertilizer Production Facilities - <u>Elif Türkoğlu</u> , Ahmet Nedim Yüksel	Relationship between sRNA and Biofilm Formation - Tuba Nur Sürkaç, Mustafa Akçelik	Pheno-morphological study between five varieties of quinoa ( <i>Chenopodium quinoa</i> Willd.) in semi arid region of Algeria - Bouchareb Radia	<i>Echinochloa</i> spp. in Rice Fields In Gonen, Turkey - <u>Irem Eysan Sezer</u> , Ahmet Uludag
1315-1330	30	The chlorpyrifos found in honey bee colony food stocks is cyto- and genotoxic on the Allium cepa model system - Penka Vasileva, <u>Ivan Stoyanov</u> , Teodora Popova, Teodora Staykova, Evgeniya N. Ivanova	Prospects of non-edible oilseed crops and vegetable oils - Selim Aytaç, Hossein Hajibabae	Properties of Food Powders, Production Methods and Characterization - <u>Sara Ibrahim Hussein Abdallah</u> , Nilgün Ertaş	The Effect of Externally Applied Salicylic Acid on Some Physiological Properties of Lettuce ( <i>Lactuca sativa</i> L.) under Drought Stress Conditions - <u>Zekiye Konuksever</u> , <u>Neşe Üzen</u> , Mustafa Ünlü	Investigation of the effect of capsaicin with sodium selenite on mda-mb-231 cell line - Bediha Köse	Determination of nuclear DNA contents of different Poa species by using flow cytometer - <u>Gülru Yücel</u> , Evren Cabi, Metin Tuna	<i>Pseudomonas fluorescens</i> PFX Starter Strain: Isolation & Identification as a Biocontrol Agent from Agricultural Fields - Burak Gürkan, Hikmet Katircioğlu
1330-1345	31	Preliminary data on DNA damage in hemocytes and spermatozoa of drones from <i>Apis mellifera</i> populations with high mortality rates - <u>Vesela Mitkovska</u> , Penka Vasileva, Tsenka Chassovnikarova, Ivan Stoyanov, Plamen Petrov, Evgeniya N. Ivanova	Phytosanitary status of wheat crops in Northeastern Bulgaria - <u>Petya Angelova</u> , Petar Nikolov, Evgeniya Zhekova, Svetlana Stoyanova, Lyubomir Ivanov, Iliana Ivanova	Natural phenolic compounds for the control of oxidation, bacterial spoilage, and foodborne pathogens in Beef Burger - <u>Raffaella Branciarri</u> , David Ranucci, Rossana Roila	Database and some Soil /Land Characteristics of Kumkale Agricultural Enterprise Soils in the Environment of Geographic Information Systems -Yavuz Şahin Turgut, Yakup Kenan Koca	Check-List of the Genus <i>Allium</i> in Şanlıurfa and contributions to the morphology of local endemic <i>Allium ekerii</i> and <i>A. variegatum</i> - Mehmet Maruf Balos	Detection of raspberry viruses spreading in Kazakhstan - <u>Nazym Kerimbek</u> , Anastasiya Kapytina, Raigul Abdikarimova, Gulnaz Nizamdinova, Khusnitdinova Marina, Alexandr Pozharskiy, Dilyara Gritsenko	Vineyards water stress estimation in southern Romania to integrate irrigation management strategies in the context of climate change - Alina Florea, Dorin Sumedrea, Diana Vizitiu, Adriana Badulescu, Ionela Sărdărescu, Andrei Tănase
1345-1400		Neonicotinoids found in the	Safflower as a source of	Enhancing food safety and	Investigation of the	Modeling of the Potential	Different bioindicators and	Comparison of the fruit of

32	honey bee colony pollen have cyto- and genotoxic effect on the <i>Allium cepa</i> model system - Ivan Stoyanov, <u>Penka Vasileva</u> , Teodora Staykova, Teodora Popova, Evgeniya N. Ivanova	healthy tea and valuable vegetable oil - <u>Aybatsha Zhubanysheva</u> , Anuar Zhubanyshev, Svetlana Didorenko, Kanagat Baymagambetova, Yerlan Zhatkanbayev	hygiene by exploiting the antimicrobial activity against foodborne pathogens & spoilage bacteria of a sustainable natural extract: preliminary in vitro results - <u>Rossana Roila</u> , Sara Primavilla, David Ranucci, Caterina Altissimi, Andrea Valiani, Roberta Galarini, Danilo Giusepponi, Raffaella Branciarri	Relationship Between the Pod Properties and Quality Values of Some Bean Properties - Leyla İdikut, <u>Duygu Uskutoğlu</u> , Songül Çiftçi Sakin, Gülay Zülkadir	Distribution of <i>Laurus nobilis</i> in Anatolia from the Last Glacial Maximum to the Future - Derya Evrim Koç	biomarkers reveal the toxic effects of Chlorpyrifos - <u>Elenka Georgieva</u> , Stela Stoyanova, Vesela Mitkovska, Iliana Velcheva, Vesela Yancheva, Tsenka Chassovnikarova, Ekaterina Galinova, Plamen Petrov, Evgeniya N. Ivanova	<i>Momordica charantia</i> L. and the amount of elements in the fruit peel of bacon & fuerte variety <i>Persea americana</i> by determining the ICP-MS Analysis - <u>İhsan Obalı</u> , Aysin Aydoğdu, Ahmet Özer, Sudenaz Büyüktürk
1400-1415 33	Anti-ulcer and antioxidant activities of aqueous extract from <i>Achillea odorata</i> areal parts - <u>Hind Amira</u> , Hassiba Benabdallah, Walid Maamache, Fatima Benchikh, Smain Amira	Yield, growth phytophagous and natural enemies' entomofauna impacted by seaweed <i>Ascophyllum nodosum</i> extract & mulch on cherry tomato variety cultivated under greenhouse - Lall Benfekih Leila	Bioactive and antioxidants compounds: trends and challenges for food preservation - <u>Katia Djenadi</u> , Mohamed Malik Mahdjoub, Ahmed Boulal, Mustapha Bachir Bey, Djamel Edine Kati,	Investigation of the Effect of Different Phosphorus and Nitrogen Doses Applied to Bean ( <i>Phaseolus vulgaris</i> L.) Plant on Vegetative Characteristic and Grain Yield - Leyla İdikut, <u>Duygu Uskutoğlu</u> , Kazım Emre Gökteş	Effect of L-Dopa on liver cytotoxicity - <u>Çağatay Oltulu</u> , <u>Nebiye Pelin Türker</u>	Histological examination of annual cycle of gonad development of <i>Barbus cyclolepis</i> (Cyprinidae) from the Maritza River (Bulgaria) - <u>Penka Vasileva</u> , Eliza Uzunova, Desislava Rozdina, Tania Hubenova	Effect of organophosphate compounds on acetylcholinesterase enzyme - Derya Altıntaş, Yesim Yesiloglu
1415-1430 34	Rosemary Aqueous Extract protects against aluminum-induced oxidative stress in the liver of Wistar rats - Chouari Zhor	Detection of pectinolytic bacteria in asymptomatic seed potato tubers collected from warehouses in Turkey - Murat Öztürk	Evaluation of Heavy Metals Concentration in Red Mullet ( <i>Mullus barbatus</i> ) - <u>Enkelela Ozuni</u> , Luljeta Dhaskali, Egon Andoni, Majlind Sulce, Doriana Beqiraj	Determination of forage yield quality and some characteristics of vegetation in Günalan village pasture in Gölbaşı district of Ankara province - <u>Cansu Telci Kahramanoğulları</u> , Hayrettin Kendir	Synthesis and Characterization of Poly (p-phenylene diamine) in The Presence of 2-(Allylamino)-3-chloronaphthalene-1,4-dione - Keziban Hüner	Detection & genetic investigation of Potato leafroll virus in Kazakhstan - <u>Anastasiya Kapytina</u> , Nazym Kerimbek, Aisha Taskuzhina, Gulnaz Nizamdinova, Kamila Adilbayeva, Saltanat Murzatayeva, Zulfiya Kachiyeva	Investigation of temporary water zooplankton community formed in dried up shores of Burdur Lake - Hatice Çelikkol, İskender Gülle
1430-1445 35	Optimization of the antibacterial effects by essential oils mixture of <i>A. leucotrichus</i> , <i>L. maroccana</i> & <i>Thymus vulgaris</i> L. using a designed mixtures approach - <u>Bouchra Soulaïmani</u> , Lahcen Hassani, Abdelaziz Abbad	Evaluating the nitrogen remobilization and partitioning of selected Turkish oat cultivars - Onur Hocaoğlu	The role of enzymes in the improvement of dough properties prepared with wheat flour - Alketa Shehaj, Ariola Morina	Effects of various clipping frequency and heights on the herbage yield & root development of tuberous canary grass ( <i>Phalaris tuberosa</i> L.) - Hayrettin Kendir, <u>Cansu Telci Kahramanoğulları</u>	Electrochemical properties of electro-synthesized poly(3,4-ethylenedioxy thiophene) in boron trifluoride diethyl etherate-acetonitrile - <u>Keziban Hüner</u> , Hacer Dolas, A. Sezaî Sarac	Study of modern changes in soils properties in terms of their structural pore space - Serhii Kolomiiets, Mykhailo Romashchenko, Anastasiia Sardak, <u>Nataliia Didenko</u>	Preliminary review and evaluation process of environmental impact on assessment regulations - Fatih Gürel, Zehra Meliha Tengiz, Osman İnan
1445-1500 36	Determination of Dye Removal Capabilities of Bacterial Isolates - <u>İlke Karakaş</u> , Nurcihan Hacıoğlu Doğru	The effect of some pesticides on the orientation of entomopathogenic nematodes - Tufan Can Ulu	CIELAB color parameters and pigment contents in virgin olive oil from different areas of production in Albania - <u>Ariola Morina</u> , Alketa Shehaj	Investigation of <i>Xylella fastidiosa</i> & Vector Insect species on Different Hosts in Antalya Province - <u>Kübra Yıldız</u> , Tuba Kahraman, Musa Kırışık, S. Melike Sülü, Ali Öztop	The Uses of the Electropolymerized Films as Immobilization Medium for Cholesterol Biosensor Design - <u>Fatma Bilge Emre</u> , Ergun Ekinci	Metagenomic Analysis of Seasonal Biodiversity of the Cyanobacterial Community in Balık Lake (19 Mayıs, Samsun) - Merve Sağlam, Haydar Karakaya	Information Update on <i>Pancreaticum maritimum</i> L. Kilyos (Istanbul) Population and Threat Risks - Elif İrem Yıldırım, Ceren Aktürk



15 <sup>00</sup> -15 <sup>30</sup>	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
6 <sup>th</sup> Ses	<b>AGBIOL-I NORMAL</b> Session Chair Asst Prof Dr <b>Güzin TUNCA ALPASLAN</b>	<b>AGBIOL-II ONLINE ENGLISH</b>	<b>AGBIOL-III ONLINE ENGLISH</b>	<b>AGBIOL-IV ONLINE TURKISH</b>	<b>AGBIOL-V ONLINE TURKISH</b>	<b>AGBIOL-VI ONLINE ENGLISH</b>	<b>AGBIOL-VII NORMAL</b>
15 <sup>30</sup> -15 <sup>45</sup>	<b>37</b> CD73+/CD44+/CD90+ cells population in liver of Diethylnitrosamine-treated male rats and therapeutic potentials of biologically synthesized silver nanoparticles - <u>Gul Nabi Khan</u> , Amber Pervez, Sumayya Khattak, Rehman Mehmood Khattak, Muhammad Abass Hassan, Syed Zavar Ali Shah, Wali Ullah, Yusra Ahmad	Detection of quorum-sensing supervisor rhIR gene in <i>P. aeruginosa</i> isolates of dairy animals in India & In-silico identification of rhII/rhIR AI-2 gene translational protein inhibitory phytoconstituents - <u>Mrinal Srivastava</u> , <u>Amit Kumar</u> , Jitendra Singh, Malyaj R. Prajapati, Anu Rahal, Ravindra Kumar, Anil Sirohi	Association of diet with the occurrence of type 2 diabetes, polycystic ovary syndrome, vaginal tract dysbiosis and neoplastic diseases in women and carnivores - <u>Elma Hrustemović</u> , Jasmina Đedićbegović, Zarema Obradović	A New Research Provides for Attention to Plant Viruses Causing Yellowing-Type Symptoms on Cucurbits - <u>Pelin Sarıkaya</u> , Kübra Yıldız, Gulsah Firat, Hakan Fidan	Investigation of Engine Performance Values and Exhaust Emissions of Tractor in Different Driving Conditions - <u>Diğer Akal</u>	Analyzing of anthocyanin accumulation and growth ratios of black carrot ( <i>Daucus carota</i> ssp.) callus under the salicylic acid and salinity stresses - <u>Berfin Odabaşı</u> , <u>Sedanur Şebikbay</u> , <u>Elif Pulat</u> , <u>Özgür Çakır</u>	Characterization of cowpea ( <i>V. unguiculata</i> L.) accessions for morphological and yield parameters under agroecology of South Bulgaria - <u>Tsvetelina Stoilova</u>
15 <sup>45</sup> -16 <sup>00</sup>	<b>38</b> The Importance of Molecular Methods Used in Determining Heritage Diseases In Cattle - <u>Güldan Vapur</u> , <u>Süleyman Kök</u>	Comparative evaluation of fertility parameters in Saanen goats with Border Disease - <u>Mahmut Akyol</u> , <u>Sena Ardıçlı</u> , <u>Emsal Sinem Özdemir Salcı</u>	Effect of high protein diet on weight loss and biochemical parameters - <u>Aicha Sbaihia</u> , <u>Bouasria Benbouziane</u>	Postharvest ultraviolet-b (uv-b) applications in horticultural crops and their effects on quality - <u>Adem Doğan</u>	Effects of Different TPMS Lattice Structures on the Mechanical Behaviour of Hip Implant - <u>Taha Enis Tunca</u> , <u>Nilhan Ürkmez Taşkın</u>	The effect of red grape pomace supplementation on some reproductive traits of female rabbit - <u>Niama Wijden</u>	Diversity of common bean ( <i>Phaseolus vulgaris</i> L.) accessions with Bulgarian and Chinese origin - <u>Tsvetelina Stoilova</u>
16 <sup>00</sup> -16 <sup>15</sup>	<b>39</b> Artificial meat or in vitro meat - <u>Serim Tuna Koç</u> , <u>Süleyman Kök</u>	<i>Bacillus subtilis</i> improves the nutritional value of grape seeds through solid-state fermentation - <u>Emrah Güngör</u> , <u>Şevket Özlü</u> , <u>Aydın Altop</u> , <u>Güray Erener</u>	Bacterial exotoxins in food as causes of alimentary intoxications of humans and utilization of exotoxins - <u>Elma Hrustemović</u> , <u>Faruk Čaklović</u> , <u>Jasmina Đedićbegović</u> , <u>Kenan Čaklović</u> , <u>Muhamed Smajlović</u> , <u>Enida Članjak-Kudra</u> , <u>Lidija Kozačinski</u>	Morphological and biochemical responses of Grand Nain and Dwarf Cavendish ( <i>Musa spp.</i> ) banana seedlings to drought stress simulated by PEG-6000 - <u>Filiz Baysal</u>	Numerical investigation of the effect of front wing models on aerodynamics of F1 cars - <u>Yiğit Çakar</u> , <u>Sena Yıldırım</u> , <u>Kadir Aydın</u>	Effects of testosterone deprivation on aortic media tunica histopathology and plasmatic redox status - <u>Nadia Regouat</u> , <u>Cheboub Amina</u> , <u>Fatima Hadj-Bekkouche</u>	Study on arthropod sampling techniques - <u>Benmokhtar Roumaissa</u>
16 <sup>15</sup> -16 <sup>30</sup>	<b>40</b> First report of Brucella abortus 2308 isolation and its complete genome sequence from India - <u>Amit Kumar</u> , <u>Malyaj R. Prajapati</u> , <u>Surandra Upadhyay</u> , <u>Anamika Bhardia</u> , <u>Vinod Kumar Singh</u> , <u>Jitendra Singh</u> , <u>Anu Rahal</u> , <u>Ravindra Kumar</u>	Effect of liquid state fermentation using <i>Lactobacillus spp.</i> on the nutritional composition of the stalk parts of <i>Agaricus bisporus</i> in different pH level - <u>Bahar Güngör</u> , <u>Şevket Özlü</u> , <u>Emrah Güngör</u> , <u>Aydın Altop</u> , <u>Güray Erener</u>	Time & distance-resolved robotic imaging of fluid flow in vertical microfluidic strips: A new technique for quantitative, point-of-need measurement of blood coagulation - <u>Rüya Meltem Sarıyer</u> , <u>Kirandeep Gill</u> , <u>Daniel Hodge</u> , <u>Sarah Needs</u> , <u>Nuno Reis</u> , <u>Chris Jones</u> , <u>Alexander Edwards</u>	The effect of different gibberellic acid (GA3) doses on seed germination properties of some soybean [Glycine max (L.) Merr.] cultivars - <u>Sevit Ahmet Erol</u> , <u>Şahane Funda Arslanoğlu</u>	Investigation of fin designs for enhancing thermal efficiency of PV - <u>Berkan Özınan</u> , <u>Kadir Aydın</u>	Effects of a selective estrogen receptor modulator on left ventricular wall histopathology and redox status - <u>Nadia Regouat</u> , <u>Belkhir Yasmine</u> , <u>Mefti Nourel Houda</u> , <u>Mahmoudi Asma</u> , <u>Hamouli Zohra</u>	Study on the cycle of the vine - <u>Benmokhtar Roumaissa</u>

16 <sup>30</sup> -16 <sup>45</sup>	41	Dissipative Particle Dynamics Simulations of mRNA Delivery with Ionizable Cationic Lipid DOTAP - Buket Yoldaş – Gökhan Kaçar	Antimicrobial and antioxidant properties of chestnut ( <i>Castanea sativa</i> ) flower extract and its potency as poultry feed additives - Arif Darmawan, Ergin Öztürk	Morphological properties of Delphinium venulosum Boiss (Ranunculaceae) - Zeliha Cepe, İlham Eröz Poyraz	CRISPR/Cas9 Genome Editing Technique for Abiotic Stress Responses in Horticulture - Ömer Faruk Coşkun, Seher Toprak, Kazım Mavi	The effect of different wheat cultivar and turmeric/ginger powder usage on physical and sensory properties of bulgur - Öznur Eymir, Nermin Bilgiçli	Cyto- and genotoxic effect of heavy metals on Marsh frog ( <i>Pelophylax ridibundus</i> Pallas, 1771) in polluted area in situ - Vesela Mitkovska, Hristo Dimitrov, Tsenka Chassovnikarova	Phenological development of winter pea genotypes in two locations – Viliana Vasileva, Valentin Kosev, Yalcin Kaya
16 <sup>45</sup> -17 <sup>00</sup>	42	Potential Development of Cow Hair Waste as Alternative Feed Protein Source for Poultry in South Sulawesi Province, Indonesia - Muhammad Irfan Said, Farida Nur Yuliaty, Jamila Mustabi, Raja Bataragau	The effect of different conditions on the development of <i>Galleria mellonella</i> larvae used as experimental animals in infection models - Ülkü Zeynep Üreyen Esertas, İnci Durukan, Ali Osman Kılıç	Determination of biological potential of <i>Tilia cordata</i> flower extracts - Monika Stojanova, Dragutin Djukic, Marina Todor Stojanova, Blažo Lalević, Alexander M. Semenov, Slavica Vesković Moračanin	Determination of Correlation Variation of Morphological and Some Molecular Marker Techniques in Watermelon - Ömer Faruk Coşkun, Osman Gülşen	Effect of welding chamber geometry on the product quality for hollow aluminum profiles - Burcu Gizem Özmen, Tahir Altınbalık	Have the pesticides Actellic 50 EC and Rival cyto- and genotoxicity on the Allium cepa L. model system? - Ivan Stoyanov, Penka Vasileva, Teodora Staykova, Teodora Popova, Evgeniya N. Ivanova	Biostimulant Activity of Allelopathic Plant Extracts on Sunflower ( <i>Helianthus annuus</i> ) - Muhammet Çağrı Oğuz, Ezgi Oğuz, İrem Poyraz, Burak Onol, Yasin Özgen, Mustafa Yıldız
17 <sup>00</sup> -17 <sup>15</sup>	43	Honey bee colony losses in Bulgaria during the period 2017 – 2022 - Evgeniya N. Ivanova, Plamen Petrov, Nikolay Petkov	Effects of vitamin c and zinc on furan induced toxicity in tm4 sertoli cells - Ziya Dumanoglu, Banu Orta Yılmaz, Yasemin Aydın	Antimicrobial and antioxidant properties of pomegranate ( <i>Punica granatum</i> L) peel bioactive compounds (In-vitro) - Arif Darmawan, Ergin Öztürk	Effects of Hawthorn ( <i>Crataegus</i> spp) Rootstock on Vegetative Growth in Loquat ( <i>Eriobotrya japonica</i> Lindl) - A. Aytekin Polat	The Ministry of Agriculture and Forestry of Republic of Türkiye's Meadow and Pasture Actions - Celal Peker, Uğur Özkan	Phenotypic variability of some human descriptive and behavior characteristics - Evgeniya N. Ivanova, Stanislav Ivanov	The interest of the spontaneous local plant <i>Salvia officinalis</i> on thyroid activity in the attenuation of cypermethrin intoxication in rats - Chouabia Amel, Leila Mallem
17 <sup>15</sup> -17 <sup>30</sup>	44	Simulation Study of Lecithin Based Nanoliposome Encapsulating Coenzyme Q10 - Insunur Eryılmaz, Gökhan Kaçar	Some data of the true bugs miridae in the different ecosystems in Kruja region - Eltjon Halimi, Elisabeta Peti, Anila Papparisto	Hurdle effect approach in drying of dairy products- Elif Ayşe Anlı	Preliminary results of influences of some quince rootstocks on yield and fruit quality in loquat - A. Aytekin Polat	Forage production potential, problems and solutions proposal of Ankara province - Celal Peker, Uğur Özkan	Association of Psoriatic Arthritis and Metabolic Syndrome - Artan Shkurti	The influence of different carrier agents for drying of fermented fruit beverages as powder - Buket Askin
17 <sup>30</sup> -17 <sup>45</sup>	45	Comparison of Phenolic Profiles of Black Table Olives Procured from the Market and Produced by Classical Method - Cansu Demir	Some data of seed bugs ( <i>Lygaeidae</i> ) in ecosystems of Kruja (Albania) - Eltjon Halimi, Anila Papparisto, Kastriot Misja	From invasion to consumer table: As a model: Lionfish - Elif Tuğçe Aksun Tümerkan	Comparison of drought tolerance of some wheat varieties grown in Turkey - Eda Günay, Okan Acar	Comparative anatomical investigations on four Viola L. ( <i>Violaceae</i> ) taxa from European Turkey - Müge Koç, Feruzan Dane, Nuran Ekici	Mononucleosis-Like Illnesses Diagnostic Evaluation - Shkelqim Kurti, Gentjan Stroni	A review on high pressure die casting of aluminum alloys and porosity - M. Tahir Altınbalık
17 <sup>45</sup> -18 <sup>00</sup>	46	Ca / P Based Ceramic Coating on 7075 Aluminum by Dip Coating and at Low Temperature Multi-Step Sintering Methods - Öykü Türk, Simge Selvi, Sergun Çağlayan, Nilhan Ürkmez Taşkın	Chemical component change of cocoa pod husk due to the fermentation process using <i>Aspergillus niger</i> with different level of turmeric powder - Asmuddin Natsir	Adaptation of the holm oak - <i>Quercus ilex</i> L. - Redjaimia Lilia, Malika Rached-Kanouni, Alia Zerrouki, Touafchia Boutheyna	Determination of salt tolerance of some barley varieties based on physiological and biochemical properties - Müge Teker Yıldız, Okan Acar	Factors affecting plant secondary metabolites - Hossein Hajiabae, Şahane Funda Arslanoğlu	Factors Associated With Successful Vaginal Birth After Cesarean Sections - Artan Simaku, Renata Ceni	Visual basic study based on automation program for the mapping of the spatial distribution of soil parameters using GIS & Kriging interpolation method of the surfer software - Benrahmoune Meriem Soumia,, Abdesselam Salah, Benrahmoune Nawfel, Rached-Kanouni Malika



8 <sup>th</sup> Ses	AGBIOL-I AGRIBALKAN CONGRESS	AGBIOL-II NORMAL FRENCH Session Chair Prof Dr Nasser BOUBKER	AGBIOL-III NORMAL TURKISH Assoc Prof Dr Suleyman KÖK	AGBIOL-IV ONLINE ENGLISH	AGBIOL-V ONLINE TURKISH	AGBIOL-VI ONLINE ENGLISH	AGBIOL-VII ONLINE FRENCH
11 <sup>00</sup> -11 <sup>15</sup>  53		Characterization of rabbit production systems in Tunisia - Amel Najjar, Nada Souid, Rania Ben Romdhane	Comparative Investigation of Endemic <i>Anatolichthys maeandricus</i> ( <i>Pisces: Aphaniidae</i> ) species, Işıklı Lake & Işıklı Spring (Denizli - Türkiye) Populations - Büşra Çelik , Salim Serkan Güçlü	A Semi-Solid Mixing Process to Prepare a Homogeneous Aluminum Matrix Composite Slurry -Ilayda Irem Tansu, Nilhan Ürkmez Taşkın	Overview of Soils of Tahirova Agricultural Enterprise in GIS - Yavuz Şahin Turgut, Yakup Kenan Koca	Development of essential oil combination to ameliorate their anti-Escherichia coli potency using a mixture design approach - Mariem Ben Jemaa, Falleh Hanen , Djebali Kais, Abid Salma, Ksouri Riadh	Phytochemical investigation and in vitro antioxidant activity of the polar extracts of <i>Perralderia coronopifolia</i> - Sara Boussaha, Ouerdia Ben Saadi, Ichrak Chellali, Samir Benayache, Fadila Benayache
11 <sup>15</sup> -11 <sup>30</sup>  54		Influence of the stallion's origin on sperm mobility and morphological abnormalities in thawed semen - Amel Najjar, Sarra Joudi, Belgacem Benaoun, Abir Hamrouni	Health Risk Assessment of Nitrate In Drinking Water of İpsala District (Thrace Region of Türkiye) - İpek Atılğan Helvacıoğlu, Cem Tokatlı, Fikret Ustaoglu	Study on Methane Combustion under Oxygen Diluted Case in a Tube Burner - Mustafa Kemalettin Büyükkakin, Semiha Öztuna	Production of starch-based bioplastic and its use in 3D printers - Ernur Marangoz, M. Tahir Altınbalık	Sustainable waste management system in the tourism sector: Case study of waste sorting and recycling in Morocco - Loukılı Assala, Bouchra El Hayany, Hafidi Mohamed, Nassour Abdallah, El Fels Loubna	In-vitro antibacterial and antifungal effects of <i>Physalis acutifolia</i> L. recently discovered in Algeria - Sara Boussaha, Khellaf Rebbas, Ratiba Mekkiou
11 <sup>30</sup> -11 <sup>45</sup>  55		Microplastics in agricultural soil: occurrence and characterization - En-Nejmy Khaoula	A Research on Determination of FASN Gene Polymorphisms in Turkish Holstein Bulls - Sertaç Atalay, Süleyman Kök, Hilal Arslan	The application of image textures and machine learning for the evaluation of changes in bell pepper flesh caused by lacto-fermentation -Ewa Ropelewska, Kadir Sabanci, Muhammet Fatih Aslan	Evaluation of Ecotoxicity, Acidification & Eutrophication Potential of Fertilizers Applied in Sugar Beet Production - Mehmet Canitez, Sedat Gülçimen, Evrim Karaçetin, Niğmet Uzal	Water kefir as a novel source for exopolysaccharide producer lab strains and their potentials as starter cultures - Kader Korkmaz, Enes Dertli	
11 <sup>45</sup> -12 <sup>00</sup>  56		α-amylase, GC and GC-MS Analysis of volatile compounds from an <i>Asphodelus</i> species collected in Constantine, (Eastern Algeria) - Manel Boumaraf, Abdelljalil Kerkabou, Ratiba Mekkiou	Are we aware of deep climate change impacts and ready for accepting sustainable solutions? - Hamdi Tekin	Analysis of genetic polymorphism of <i>Atherina boyeri</i> groups with using the iPBS-2080 marker - Alla Bakuma, Sabina Chebotar, Yuriy Kvach	The periodic structural relationship of the north atlantic oscillation with the Oxford temperature - Taner Mustafa Cengiz, Ertuğrul Ordu, Şeyma Ordu	Our value lost by the Marmaris forest fire in Turkey pine honey - Sema Çetinkaya, Selin Karademir	
<b>CLOSING OF CONFERENCE</b>							
12 <sup>00</sup> -13 <sup>00</sup>	<b>LUNCH</b>	<b>LUNCH</b>	<b>LUNCH</b>	<b>LUNCH</b>	<b>LUNCH</b>	<b>LUNCH</b>	<b>LUNCH</b>
19 <sup>00</sup> -23 <sup>00</sup>	<b>GALA DINNER</b>						