

2-4 September 2024, Izmir, Türkiye

# ICEB2024

2nd International Conference on Conservation  
of Eurasian Biodiversity



# Program for In-Present Oral Presentations

Monday, 02 September 2024

Ege University Faculty of Science Conference Hall

09.00-10.00	Registration	
10.00-10.40	Moment of Silence and National Anthem Introduction film of Ege University Opening speeches	
10.40-11.00	Coffee Break	
11.00-11.30	Keynote Speaker 1: Prof.Dr. İsmail Türkan OXIDATIVE STRESS AND LIVING THINGS	
<b>Session 1:</b>	<b>Problems and solutions of genetic biodiversity in Eurasia</b> Chairs: Prof.Dr. İsmail Türkan, Assoc.Prof.Dr. Rengin Özgür Uzilday	
11.30-11.45	ASSESSMENT OF MOLECULAR MARKERS FOR ANALYSIS OF GENETIC RELATIONSHIP BETWEEN APPLE TREE VARIETIES COMMON IN MOUNTAINOUS AREAS OF AZERBAIJAN N. Guseinova, B. Asadova	Azerbaijan
11:45-12:00	MOLECULAR GENETIC CHARACTERIZATION OF THE ICE1 GENE OF KOROLKOV'S ARONNIK ( <i>ARUM KOROLKOWII</i> REGEL) B.Sh. Adilov, <b>A. Yeginbay</b> , A.G. Sherimbetov, D.R. Ruzmetov	Uzbekistan-Kazakhstan
12:00-12:15	MORPHOLOGICAL AND MOLECULAR GENETIC IDENTIFICATION OF <i>TRICHODERMA AFROHARZIANUM</i> SPECIES IN UZBEKISTAN <b>A.G. Sherimbetov</b> , L.I. Zaynitdinova, B.SH. Adilov, D.R. Ruzmetov	Uzbekistan
12:15-12:30	Q&A and discussion	
12:30-14:00	Lunch	
14:00-14:30	Keynote Speaker 2: Prof. Dr. Afat Mammadova BIOINDICATIVE ASSESSMENT AND MANAGEMENT OF THE ENVIRONMENT USING PLANTS	
<b>Session 2:</b>	<b>Conservation of animals in Eurasia</b> Chairs: Prof.Dr. Ferah Sayım, Assoc.Prof.Dr. Yusuf Bayrakçı	
14:00-14:15	ABOUT THE VERTICAL DISTRIBUTION OF MANTISES IN AZERBAIJAN <b>Z. Şahverdiyeva</b>	Azerbaijan
14:15-14:30	<i>HALYOMORPHA HALYS</i> STAL, A NEW INVASIVE PEST THAT WILL AFFECT BIODIVERSITY IN AZERBAIJAN (HEMIPTERA, PENTATOMIDAE) A. Eyvazov, B. Ahmadov, I. Nuriyeva, <b>S. Gazi</b> , I. Safarova	Azerbaijan
14:30-14:45	INFLUENCE OF ANTHROPOGENIC IMPACT ON HOMEOSTASIS OF SOIL BIOTA P.A. Samadov, B.B. Aliyeva, V.T. Mammadzada, M.E. Sadikhova, M.M. Aliyeva, Sh.Z.Jafarova, A.L.Rzayeva, A.I.Nasirova, Kh.D.Suleimanova	Azerbaijan
14:45-15:00	SCARABAEIDAE SPREADED IN SUGAR BEET AGROCENOSIS S. Gazi, G. Rzayeva, U. Guliyeva, M. Gubadova, A. Abbasova	Azerbaijan

Program for In-present oral presentations, online oral presentations and posters

15:00-15:15	THE INFLUENCE OF ANTHROPOGENIC FACTORS ON CHANGES IN THE NUMBER OF DRAGONFLY SPECIES (INSECTA, ODONATA) IN THE CONDITIONS OF THE FERGANA VALLEY <b>M.S. Zokova</b>	Uzbekistan
15:30-15:45	THE ROLE AND IMPORTANCE OF INVASIVE INSECT SPECIES IN BIODIVERSITY <b>A. Polat</b> , N. Gülperçin	Türkiye
15:45-16:00	Q&A and discussion	
16:00-16:20	Coffee Break	
16:20-16:50	Keynote Speaker 3: Prof. Dr. Nasiba Naraliev MODERN STATE AND ECOLOGY OF THE URBAN FLORA OF THE CITY OF ANDIJAN	
<b>Session 3:</b>	<b>Conservation of photosynthetic organism in Eurasia</b> Chairs: Prof. Dr. Afat Mammadova, Assoc.Prof.Dr. Barış Uzilday	
16:50-17:05	AGROTECHNICAL CHARACTERISTICS, UTILIZATION AND PROTECTION OF SOME WILD VEGETABLE PLANTS <b>M. Mammadova</b> , R. Vusali, Z. Allahverdiyeva, N. Guliyeva	Azerbaijan
17:05-17:20	ASSESSMENT OF CENOPOPULATIONS OF <i>MINUARTIA INTERMEDIA</i> SPECIES IN THE NORTHEASTERN PART OF THE LESSER CAUCASUS <b>G. R. Zahid</b>	Azerbaijan
17:20-17:35	CONSERVATION STATUS OF THE <i>ROSA CANINA</i> L. IN UZBEKISTAN G. Ismonova, N. Naraliev, G. Ibrokhimova, I. Zulunov, B. Karimov	Uzbekistan
17:35-17:50	DISTRIBUTION OF RARE SPECIES OF POLYMORPHIC FAMILIES IN KUHITANG BOTANICAL-GEOGRAPHIC REGION <b>T. D. Manajatdinovna</b>	Uzbekistan
17:50-18:05	EFFECTS OF COMBINED STRESS FACTORS ON THE DEVELOPMENT OF MAIZE SEEDLINGS AND THE ACTIVITY OF NADP-ISDH ENZYME Z.M. Mamedov, N.Z. <b>Aliyeva</b>	Azerbaijan
18:05-18:20	Q&A and discussion	
18:30-20:00	Opening Cocktail at Botanical Garden of Ege University	

Tuesday, 03 September 2024

Ege University Faculty of Science Conference Hall

**Session 4: Conservation of photosynthetic organism in Eurasia**

Chairs: Prof. Dr. Nasiba Naralieva, Assoc.Prof.Dr. Ademi Fahri Pirhan

- 09:30-09:45 FERGANA VALLEY CHANGES OF SOIL ALGOCENOSES DEPENDING ON THE ECOTOPE Uzbekistan  
K. O. Gaybullaevna, A. Marguba, M. Tolibjon
- 09:45-10:00 INTRODUCTION AND CULTIVATION OF USEFUL PLANTS INDUSTRIAL IMPORTANCE Azerbaijan  
**A. Azade**
- 10:00-10:15 PLANTS UNDER CLIMATE CHANGE Azerbaijan  
**G. Chichitova**
- 10:15-10:30 SUDDEN DEATH SYNDROME OF SOYBEAN (*GLYCINE MAX* (L.)) PLANTS Uzbekistan  
**R. Dilshod**
- 10:30-10:45 WILD VEGETABLE VEGETATION OF EARLY SPRING FLORA SPREADING IN THE NORTH-EASTERN PART OF THE LESSER CAUCASUS Azerbaijan  
A.A. Bayramova, P. F. Vagif
- 10:45-11:00 Q&A and discussion

11:00-11:30 Coffee Break

11:30-12:00 Keynote Speaker: Prof. Dr. Rovshan Khalilov  
THE ROLE OF QUINONE IN MEMBRANES OF PLANTS AT UV IRRADIATION

**Session 5: Conservation of bacteria, fungi and their symbiotic partners in Eurasia**

Chairs: Prof. Dr. Rovshan Khalilov, Prof. Dr. Esra Ersoy Ömeroğlu

- 12:00-12:15 SECONDARY LICHEN SUBSTANCES NEW TO TURKIYE Türkiye  
**A. Şenkardeşler**, T. Karayıldırım
- 12:15-12:30 CHANGES IN BIOLUMINESCENCE OF MARINE BIOLUMINESCENT BACTERIA IN RESPONSE TO FUNGICIDE CONCENTRATIONS Türkiye  
**A. Bayer**, A.K. Hitshika, E. Ersoy-Ömeroğlu
- 12:30-12:45 DIVERSITY OF THE GENUS OF *UROMYCES* (LINK) UNGER IN UZBEKISTAN Uzbekistan  
**I.M. Mustafaev**, Sh.U. Mardonov, M.Z. Bobokhonov, M.B. Toraboyev, Sh.A. Teshaboyeva, I.Z. Ortiqov
- 12:45-13:00 FUNGAL DISEASES OF *SOLANUM TUBEROSUM* L. IN UZBEKISTAN Uzbekistan  
**T.Sh. Arabboevna**, G.Y. Shermatovich, M.I. Murodullaevich, Kh.T. Nafosovna, I.M. Mashrabovna, T.M. Baxtiyorog'li
- 13:00-13:15 Q&A and discussion

13:15-14:30 Lunch

Program for In-present oral presentations, online oral presentations and posters

14:30-15:00 Keynote Speaker: Assoc. Prof. Dr. Yuldasheva Oliiakhon Mamasydykovna  
THE INFLUENCE OF ENVIRONMENTAL FACTORS ON THE PHYSICAL DEVELOPMENT OF CHILDREN IN THE SOUTH OF KYRGYZSTAN

**Session 6: Conservation of bacteria, fungi and their symbiotic partners in Eurasia**

Chairs: Assoc. Prof. Dr. Yuldasheva Oliiakhon Mamasydykovna, Prof.Dr. Mustafa Ateş

15:00-15:15 FUSARIUM WILT OF COTTON IN UZBEKISTAN: DIVERSITY AND DETECTION OF RACE 4 Uzbekistan  
Kh.Sh. Abdurakhmonovich, B. Ahmadovich, Sh.A. Gulmirzaevich, R.D. Rustamugli, A.B. Shuxratovich

15:15-15:30 *Puccinia* SPECIES OF THE *TARAXACUM* PLANT FAMILY DISTRIBUTED IN NORTHEASTERN UZBEKISTAN Uzbekistan  
**Urinboev Islomjon**

15:45-16:00 THE RUST DISEASE OF *PHASEOLUS VULGARIS* L. IN NAMANGAN REGION Uzbekistan  
**Kholmuradova Tutigul Nafosovna**, Iminova Malika Mashrabovna, Teshaboeva Shakhnoza Arabboevna

15:45-16:00 Q&A and discussion

Wednesday, 04 September 2024

Ege University Faculty of Science Conference Hall

**Session 7: The biodiversity of the Eurasian biota**

Chairs: Prof.Dr. Melike Bor, Assoc.Prof.Dr. Hüseyin Can

09:30-09:45 ALLERGENIC LEVELS OF POLLEN OF SOME PLANTS IN ANDICAN Uzbekistan-Türkiye  
**E.G. Ostonovna**, A. Güvensen

09:45-10:00 COMPARATIVE ANALYSIS OF CAS AGAR AND O-CAS AGAR FOR EFFECTIVE SIDEROPHORE DETECTION Türkiye  
A.K. Hitshika, A. Bayer, E. Ersoy Ömeroğlu

10:00-10:15 EFFECTS OF REACTIVE CARBONYL SPECIES ON ANTIOXIDANT ENZYME ACTIVITY IN *ARABIDOPSIS THALIANA*, *SCHRENKIELLA PARVULA* AND *CHLAMYDOMONAS REINHARDTII* Türkiye  
**G. Sevim**, R. Özgür Uzilday, Barış Uzilday

10:15-10:30 METSAMOR NUCLEAR POWER PLANT AND NUCLEAR DANGER IN THE REGION Azerbaijan  
E. Jafarov

10:30-10:45 THE INFLUENCE OF ENVIRONMENTAL FACTORS ON THE PHYSICAL DEVELOPMENT OF NEWBORNS IN THE SOUTH OF KYRGYZSTAN Kyrgyzstan  
Y.O. Mamasydykovna, N. Abdurashit, A.A. Momunovich, B. Ainazik, E. Venera, S.D. Bekmamatovna

10:45-11:00 Q&A and discussion

11:00-11:20 Coffee Break

11:20-12:00 Closing Ceremony

12:00-13:30 Lunch

# Program for Online Oral Presentations

Monday, 02 September 2024

Ege University Faculty of Science **Class A-07** - Hybrid

Zoom Meeting link: <https://zoom.us/j/95241628278?pwd=PxFm8jQfczhiF2OC3OC2QA5QuqLRjE.1>  
(Meeting ID: 952 4162 8278 Password: 961835)

<b>Online Section 1:</b>	<b>The biodiversity of the Eurasian biota</b> Chairs: Prof.Dr. Savaş İzzetoğlu, Res.Assit. Seyit Metin Köroğlu	
11.30-11.45	LYSOSOMAL STORAGE DISORDER - CRABBE DISEASE IN IDENTICAL TWINS <b>S.A. Alizada</b> , K.A. Aliyeva, E.M. Rasulov, R.K. Karimova, A.A. Aliyarbayova, A.H. Ansarova, N.C. Mamedova	Azerbaijan
11:45-12:00	SEM-EDX CHARACTERISTICS OF Ag NANOPARTICLES SYNTHESIZED THROUGH ARTEMISIA LERCHIANA W. EXTRACT G. Hasanova, S. Omarova, A. Mammadova, R. Khalilov	Azerbaijan
12:00-12:15	STUDY OF FUNCTIONAL STATUS OF CENTRAL HEMODYNAMICS IN ATHLETES AND NON-ATHLETES <b>R.M. Bağhirova</b>	Azerbaijan
12:15-12:30	STUDY OF GAD AND GABA-T ACTIVITY IN THE BRAIN OF 6-MONTH-OLD RATS IN PRENATAL STARVATION MODEL <b>K. Ibrahimova</b>	Azerbaijan
12:30-12:45	THE MOLECULAR MECHANISMS AND THERAPEUTIC TARGETS OF HEDGEHOG AND HGF-C-MET SIGNALING PATHWAYS IN PANCREATIC CANCER <b>B. Aghamaliyeva</b>	Azerbaijan
12:45-13:00	Q&A and discussion Break	

<b>Online Section 2:</b>	<b>Conservation of bacteria, fungi and their symbiotic partners in Eurasia</b> Chairs: Assist.Prof.Dr. Aslı Şahiner, Dr. Sennur Çalışkan	
14:00-14:15	AGROECOLOGICAL ASPECTS OF CONTAMINATED SOILS IN THE MINING INDUSTRY ZONE IN AZERBAIJAN E.A. Mammadov, L.S.Khalilova, Q.M. Mammadov	Azerbaijan
14:15-14:30	ARBUSCULAR MYCORRHIZAL FUNGI (AMF) IN EURASIA-PRESERVING ESSENTIAL SYMBIOTIC RELATIONSHIP S. Jafarzadeh, E. Iskender	Azerbaijan
14:30-14:45	BIOLOGICAL FEATURES OF MEDICINAL PLANTS OF AZERBAIJAN AND THEIR MYCOLOGICAL SAFETY K. Huseynova, G. Aliyeva, <b>A. Najafova</b> , B. Agarzayeva	Azerbaijan
14:45-15:00	EDIBLE SPECIES OF XYLOTROPHIC MACROMYCETES DISTRIBUTED IN THE SOUTHERN REGION OF AZERBAIJAN AND THEIR GENERAL CHARACTERISTICS K. Abbasova, G. Abishova, L. Guliyeva, <b>T. Sadigova</b>	Azerbaijan

## Program for In-present oral presentations, online oral presentations and posters

15:00-15:15	EFFECT OF PLANT ESSENTIAL OIL IN THE TREATMENT OF NOSEMA CERANAE, A MICROSPORIDIAL DISEASE OF THE HONEY BEE <b>R. Gazi</b> , A. Pashazadeh, N. Aliyeva, V. Khankishiyeva, B. Ahmadov, F. Gulahmadzadeh	Azerbaijan
15:30-15:45	IMPORTANCE OF CONSERVING MUSHROOM RESOURCES <b>Sh. Asadova</b>	Azerbaijan
15:45-16:00	PROLINE SYNTHESIS IN POTATO LEAVES UNDER THE INFLUENCE OF PHYTOPHTHORA INFENSTANS <b>E. Hajiyev</b> , A.D. Mammadova, E. Allahverdiyev, A. Karimova, S. Hajiyeva, M. Abbasov, R. Aliyev	Azerbaijan
16:00-16:15	Q&A and discussion	
16:15-16:50	Break	

### Online Section 3: The biodiversity of the Eurasian biota Chairs: Assoc.Prof.Dr. Evren Koban Baştanlar, Dr. Ecem Şener Uslupehlivan

16:50-17:05	CHANGES IN GLUTAMINE SYNTHETASE ACTIVITY UNDER CONDITIONS OF ARTIFICIALLY FORMED LIGHT DESYNCHRONOSIS <b>V. Khairova</b> , E. Aliyeva	Azerbaijan
17:05-17:20	ECOLOGICAL PROBLEMS OF SUGOVUSHAN AND CHAYLI VILLAGES LIBERATED FROM THE OCCUPATION <b>T.M. Babayeva</b> , N.D. Ashurova, R.R. Ahmedova	Azerbaijan
17:20-17:35	STUDYING THE INTERACTION OF GLYCYRRHIZIN AND P53 PROTEIN USING MOLECULAR DOCKING L. Galandarli, R. Khalilov, G. Akverdieva	Azerbaijan
17:35-17:50	INFLUENCE OF MORPHINE IN THE PRENATAL PERIOD ON THE CONTENTS OF GABA AND GLUTAMATE IN THE BRAIN OF THE RAT <b>I. Mammadova</b>	Azerbaijan
17:50-18:05	INFLUENCE OF THYMOSIN $\beta$ 4 ON THE CONTENT GAMMA-AMINOBUTYRIC ACID IN THE BRAIN IN PRENATAL HYPOXIA MODEL <b>N. Aliyeva</b>	Azerbaijan
18:05-18:20	Q&A and discussion	

Program for In-present oral presentations, online oral presentations and posters

Tuesday, 03 September 2024

Ege University Faculty of Science Class A-07 - Hybrid

Zoom Meeting link: <https://zoom.us/j/95241628278?pwd=PxFm8jQfczhjF2OC3OC2QA5QuqLRiE.1>

(Meeting ID: 952 4162 8278 Password: 961835)

<b>Online Section 3: Problems and solutions of genetic biodiversity in Eurasia</b>		
Chairs: Prof.Dr. Nurşen Alpogut Keskin, Res. Asst. Selin Side Su Yirmibeşoğlu		
09:30-09:45	DEVELOPING VIRUS-RESISTANCE IN PLANTS USING CRISPR-CAS9 TECHNOLOGY S. Hasanova, N. Sultanova	Azerbaijan
09:45-10:00	GENETIC BIODIVERSITY PROBLEMS AND SOLUTIONS IN EURASIA <b>R. Ibrahimova</b>	Azerbaijan
10:00-10:15	THE PROBLEM OF GARLIC PLANT GENETIC BIODIVERSITY AND SOLUTIONS <b>Z. Aliyeva</b>	Azerbaijan
10:15-12:00	Break	
<b>Online Section 4: Biomonitoring of aquatic ecosystems</b>		
Chair: Prof.Dr. Bekir Keskin, Dr. Esra Öztürk Yiğit		
12:00-12:15	ACHIEVEMENTS IN THE FIELD OF STURGEON FARMING IN AZERBAIJAN AT THE PRESENT STAGE <b>C. Mammadov</b>	Azerbaijan
12:15-12:30	CHANGES IN THE AMOUNT OF ADRENALINE IN THE BLOOD OF ANIMALS DURING HYPOXIA <b>R. Babayeva</b>	Azerbaijan
12:30-12:45	THE ROLE OF <i>MNEMIOPSIS LEIDYI</i> (SPECIES) IN THE FOOD CHAIN OF THE MIDDLE CASPIAN SEA <b>I. Mansimova</b>	Azerbaijan
12:45-13:00	THE CURRENT ECOLOGICAL SITUATION OF THE CASPIAN SEA ALONG WITH THE ISSUE OF BIODIVERSITY AND ITS GUARD A. Aghayeva, A. Kahramanova, G. Alakbarli	Azerbaijan
13:00-13:15	INVESTIGATION OF HEAVY METAL CONTENT IN IRRIGATION WATER IN ABSHERON DISTRICT, REPUBLIC OF AZERBAIJAN <b>H.E. Huseynov</b>	Azerbaijan
13:15-13:30	THE ROLE OF BIOLOGICAL MONITORING IN THE ASSESSMENT OF ECOSYSTEMS <b>A. Mammadova</b>	Azerbaijan
13:30-15:00	Break	
<b>Online Section 5: Conservation of photosynthetic organism in Eurasia</b>		
Chairs: Prof.Dr. Serdar Gökhan Şenol, Dr. Ulaş Uğuz		
15:00-15:15	A CONSERVATION OF PHOTOSYNTHETIC ORGANISM IN EURASIA <b>A. Bakhshiyeva</b>	Azerbaijan
15:15-15:30	ASSESSMENT OF GREEN SPACES STATE IN URBAN ENVIRONMENT <b>R. Mammadova</b> , A. Mammadova	Azerbaijan
15:30-15:45	BIOMONITORING OF THE GRASS PLANTS ECOSYSTEM IN THE FRUIT FORESTS OF THE GUBINSKY MASSIF L.A.Mustafayeva, P.İ. Mammadova	Azerbaijan



## Program for In-present oral presentations, online oral presentations and posters

15:45-16:00	BIOMORPHOLOGICAL ANALYSIS OF THE FLORA OF THE GYZMEIDAN MUD VOLCANO (AZERBAIJAN) <b>Sh. Isayeva</b> , Sh. Gasimov	Azerbaijan
16:00-16:15	BIOPLASTIC PRODUCTION FROM ALGAL BIOMASS <b>E. Aksu</b> , M. İsar, S.S.S. Yirmibeşoğlu, G. Turan	Türkiye
16:15-16:50	<b>Break</b>	
<b>Online Section 6:</b>	<b>Conservation of photosynthetic organism in Eurasia</b> Chairs: Assoc.Prof.Dr. Barış Uzilday, Dr. Ali Özcan	
16:50-17:05	COMPOSITION AND DEVELOPMENT DYNAMICS OF DISEASES SPREAD IN THE HAZELNUT ORCHARDS OF THE SHAKI-ZAQATALA ECONOMIC REGION <b>S. Maharramova</b> , H. Gadimova	Azerbaijan
17:05-17:20	CREATION OF STARTING MATERIAL WITH VALUABLE CHARACTERISTICS FOR SELECTION BY THE EFFECT OF PHYSICAL MUTAGEN A.E. Taghiyev a.e.d., R.I. Mammadrzayeva	Azerbaijan
17:20-17:35	ESTABLISHMENT OF AN ECOLOGICAL ASSESSMENT SYSTEM FOR ENSURING THE PROTECTION OF PHOTOSYNTHETIC ORGANISMS IN GANJA CITY AND SURROUNDING AREAS <b>I.M. Aliyeva</b>	Azerbaijan
17:35-17:50	FEATURES OF ANTIMICROBIAL ACTION OF SOME ESSENTIAL OIL PLANTS OF AZERBAIJAN R. Janmamedova, Sh. Huseynli, A. Efendiyeva	Azerbaijan
17:50-18:05	CARBON QUANTUM DOTS PRODUCTION FROM MICROALGAL BIOMASS <b>M. İsar</b> , S.S.S. Yirmibeşoğlu, T.K. Öztürk, G. Turan	Türkiye
18:05-18:20	SCREENING OF HEAVY METAL SENSING CAPACITY OF CARBON QUANTUM DOTS SYNTHESIZED FROM MACROALGAE <b>S.S.S. Yirmibeşoğlu</b> , M. İsar, T.K. Öztürk, G. Turan	Türkiye

Program for In-present oral presentations, online oral presentations and posters

Wednesday, 04 September 2024

Ege University Faculty of Science Class A-07 - Hybrid

Zoom Meeting link: <https://zoom.us/j/95241628278?pwd=PxFm8jQfczhjF2OC3OC2QA5QugLRjE.1>

(Meeting ID: 952 4162 8278 Password: 961835)

<b>Online Section 7: Conservation of photosynthetic organism in Eurasia</b>		
Chairs: Prof.Dr. Aykut Güvensen, Dr. Volkan Eroğlu		
09:30-09:45	STUDY OF THE EFFECT OF DROUGHT CONDITIONS ON PRODUCT COMPONENTS AND GRAIN QUALITY INDICATORS IN WHEAT GENOTYPE Ekinchi-84 IRRADIATED BEFORE SOWING <b>J.R. Orujova</b> , T.İ. Allahverdiyev, L.V. Allahverdiyeva, G.A. Mammadova, N.M. Eminova	Azerbaijan
09:45-10:00	STUDY OF THE EFFECT OF DROUGHT ON THE MAIN MORPHOPHYSIOLOGICAL CHARACTERISTICS AND PRODUCTIVITY OF DIFFERENT WHEAT GENOTYPES CULTIVATED IN AZERBAIJAN <b>T.H. Tamrazov</b> , S.M. Mammadova	Azerbaijan
10:00-10:15	THE ROLE OF GENEFOND PATTERNS IN THE CREATION OF INDUSTRIALLY IMPORTANT VARIETIES A. Abbasov, S. Eldarov, A. Aslanova, G. Eyyubova	Azerbaijan
10:15-10:30	THE ROLE OF THE "AVEY" STATE HISTORICAL AND CULTURAL RESERVE IN THE PROTECTION OF CLEAN ENVIRONMENT AND ECOLOGICAL BALANCE V. Novruzov, S. Aliyeva, Z. İsmayillova	Azerbaijan
10:45-11:00	IDENTIFICATION OF THE EFFECTIVE DOSE OF "SUMAC FRUIT EXTRACT" IN THE PROCESS OF ARTIFICIAL MUTATION <b>M.I. Quliyev</b> , A.A. Aliyarbayova	Azerbaijan
11:00-11:15	THE ROLE OF MULBERRY PLANT ( <i>MORUS</i> SPP) IN ECOLOGICAL APPROACH <b>Z. Seyidova</b>	Azerbaijan
11:15-11:30	THE POTENTIAL IMPACTS OF NANOPARTICLES ON BIODIVERSITY S. Omarova, B. Vazirova, N. Abdullayeva, A. Mammadova, R. Khalilov	Azerbaijan
11:30-11:45	INFLUENCE OF ORGANIC AND MINERAL FERTILIZERS ON QUALITY INDICATORS AND PRODUCTIVITY OF TOMATO <b>G. Mammadova</b> , L. Bunyatova, A. Gahramanova	Azerbaijan
11:45-12:00	INFLUENCE OF POTASSIUM HUMATE SOLUTIONS ON THE DEVELOPMENT OF RED CLOVER ( <i>Trifolium pratense</i> ) IN SALINY SOILS Z.H. Muslumova, S.A. Mammadli, M.F. Farajov, G.A. Ismailova	Azerbaijan

# Program for Posters

Tuesday, 03 September 2024

Ege University Faculty of Science Conference Hall

## Session 1: Tuesday, 03 September 2024, 09:00 - 12:30

- 1 INVENTORY OF BIRDS OF PREY ALONG THE BAKU-LANKARAN BUS ROUTEA SEASONAL AND YEARLY ANALYSIS  
A. Musayev, **A. Mammadov**, S. Huseynova Azerbaijan
- 2 PECULIARITIES OF HEAVY METALS INFLUENCE THE DEVELOPMENT AND FORMATION OF MACROZOOBENTHOS  
**S. Aliyev** Azerbaijan
- 3 ASSESSMENT OF RESISTANCE OF LENTIL SAMPLES TO SALT STRESS BASED ON LABORATORY DIAGNOSTIC METHOD  
**T. Huseynova**, R. Mikayilova Azerbaijan
- 4 COMPARATIVE INVESTIGATION OF CYTOSKELETAL ELEMENTS IN *ARABIDOPSIS THALIANA* AND *SCHRENKIELLA PARVULA* UNDER SALT STRESS  
**E. İlhan**, R. Özgür Uzilday, Barış Uzilday Türkiye
- 5 DANGEROUS PEST IN FRUIT AND NUT ORCHARDS  
Q.F. Bayramov, G.H. Alasgarova, S.C. Mammadova Azerbaijan
- 6 DETERMINATION OF MAIN PESTS IN HAZELNUT ORCHARDS OF SHAKI-ZAQATALA ECONOMIC DISTRICT  
**V. Aliyeva**, A. Hasanova Azerbaijan
- 7 EFFECT OF LUPEOL ON REACTIVE CARBONYL SPECIES MECHANISM AND PHOTOSYNTHESIS PARAMETERS IN *ARABIDOPSIS THALIANA*  
**H. Ekin**, S. Senkaya, R. Özgür Uzilday Türkiye
- 8 INVESTIGATING THE FLORAL DIVERSITY OF ALLERGENIC PLANT SPECIES IN ANDIJAN, WITH A FOCUS ON POLLEN MORPHOLOGY AND AEROBIOLOGY  
**G.O. Ergasheva**, N.M. Naraliyeva, M. Zafar, T.X. Makhkamov, I.T. Zulunov Uzbekistan
- 9 MONITORING AND STATISTIC ANALYSIS OF SPECIES FROM THE GENUS *TRIGONELLA* L. APPEARING IN THE FLORA OF AZERBAIJAN  
**Z. Mammadova**, E. Gurbanov Azerbaijan
- 10 NADPH OXIDASE EFFECTS ON HALOTROPISMIC RESPONSE IN *ARABIDOPSIS THALIANA*  
**N. Demircan**, B. Pinar, B. Uzilday, R. Özgür Uzilday Türkiye
- 11 SYSTEMATIC ANALYSIS OF THE (CRASSULACEAE DC.) FAMILY OF THE LESSER CAUCASUS  
**Ch.M. Akbarova**, K.A. Asadova, A.O. Mammadova Azerbaijan
- 12 TECHNOGENIC ENVIRONMENTAL TRANSFORMATION AND ITS IMPACT ON TREE LEAF MORPHOLOGY AND ANATOMY  
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- 13 THE MOST COMMON PESTS OF WINTER WHEAT CROPS IN 2023-2024  
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- 14 BIOTECHNOLOGICAL ROLE OF MICROMYCETES IN CLEANING UP POLLUTED AREAS AROUND LAKE MASAZIR IN AZERBAIJAN  
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| 16 | LAND DEGRADATION-CAUSES OF THE PROBLEM AND SOLUTIONS<br><b>S. Karimova</b>   | Azerbaijan        |
| 17 | PATHOGENIC MICROMYCETES <i>QUERCUS ROBUR</i> L. IN THE CITY OF SAMARKAND (IN THE CONDITIONS OF UZBEKISTAN)<br><b>G. Norimova</b>   | Uzbekistan        |
| 18 | ADAPTATION STRATEGIES OF THE HALOPHYTE <i>SCHRENKIELLA PARVULA</i> UNDER MODERATE SALT STRESS<br><b>K. Şekerci</b> , N. Higashitani, R. Özgür Uzilday, B. Uzilday, A. Higashitani, İ. Turkan | Türkiye-<br>Japan |
| 19 | BT-DETECT KIT-A NOVEL APPROACH FOR RAPID BOTULINUM NEUROTOXIN DETECTION<br>A. Üçal, E. Kahraman, <b>E.T. Özcan</b> , S.S.S. Yirmibeşoğlu   | Türkiye           |
| 20 | EFFECT OF LUPEOL ON REACTIVE CARBONYL SPECIES MECHANISM AND PHOTOSYNTHESIS PARAMETERS IN <i>ARABIDOPSIS THALIANA</i><br><b>H. Ekin</b> , S. Şenkaya, R. Özgür Uzilday                        | Türkiye           |
| 21 | QD-SILICATE THE QUANTUM POWER OF SILICA<br><b>M. Özerbil</b> , E. Dayı, S.S.S. Yirmibeşoğlu  | Türkiye           |
| 22 | SCREENING OF HEAVY METAL SENSING CAPACITY OF CARBON QUANTUM DOTS SYNTHESIZED FROM MACROALGAE<br><b>S.S.S. Yiribeşoğlu</b> , M. İsar, T.K. Öztürk, G. Turan                                   | Türkiye           |
| 23 | SERUM LEVELS OF MATRIX METALLOPROTEINASES AND CYR-61 OF WOMEN WITH BREAST CANCER IN AZERBAIJAN<br><b>L. Karimova</b> , G. Azizova, I. Shahverdiyeva  | Azerbaijan        |
| 24 | STUBBLE-BASED BIOPLASTICS--ENHANCING BIODIVERSITY WITH GREEN CHEMISTRY SOLUTIONS<br><b>E.T. Özcan</b> , A. Üçal, E. Karaman, S.S.S. Yirmibeşoğlu   | Türkiye           |
| 25 | CRYOPRESERVING AND REANIMATING THE MODEL ORGANISM <i>CHLAMYDOMONAS REINHARDTII</i><br><b>A.E. Dean</b> , İ. Tüney, E. Öztürk   | Türkiye           |
| 26 | INFESTATION OF INDIGENOUS AND INTRODUCED COTTON VARIETIES BY THE <i>HELIOTHIS ARMIGERA</i><br>X.Z. Aslanova, V.R. Nəbiyev  | Azerbaijan        |
| 27 | EFFECT OF SALINITY OF THE SOIL OF KUR-ARAZ LOWLAND ON THE PRODUCTIVITY OF SEEPWEED ( <i>SUAEDA FORSK.</i> ) SPECIES<br>E.M. Gurbanov, V.M. Alosmanova, <b>K.A. Asadova</b>                   | Azerbaijan        |
| 28 | THE IMPACT OF URBANIZATION ON ANT SPECIES IN IZMIR<br><b>H.G. Yılmaz</b> , K. Çiçek, K. Kiran  | Türkiye           |
| 29 | ASSESSMENT OF ABUNDANCE AND COMPOSITION OF MARINE LITTER IN ÇEŞME ILICA BEACH<br><b>N.M. Gündoğar</b> , A. Ertaş, F. Sayım   | Türkiye           |
| 30 | DETERMINATION OF PHYSIOLOGICAL EFFECTS OF DROUGHT STRESS IN COTTON PLANT ( <i>Gossypium hirsutum</i> )<br><b>A.C. Kirenci</b> , D. Alpoğan, I. Ahmadli, N. Korkmaz, B. Uzilday               | Türkiye           |
| 31 | ANTIMICROBIAL EFFECTS OF THYME OIL ON MEAT AND MEAT PRODUCTS<br><b>M. Çetin</b> , E. Ersoy Ömeroğlu  | Türkiye           |