



ICOFAAS 2024



6th INTERNATIONAL CONFERENCE ON FOOD, AGRICULTURE AND
ANIMAL SCIENCES
19-22 DECEMBER 2024, Erzurum/TÜRKİYE
SCIENTIFIC PROGRAM (Face to Face)

First Day	
December 19, 2024	
08:00-23:59	
Check in/ Online Presentation	

Second Day	
December 20, 2024 09:30-12:00	
09:30-10:00	Opening Ceremony (REKTÖRLÜK KEMAL BIYIKOĞLU SALONU)
10:00-10:20	Asst. Prof. Dr. Fazıl HACİMÜFTÜOĞLU (Chair of 6th International Conference on Food, Agriculture and Animal Sciences - Türkiye)
10:20-10:40	Prof. Dr. Önder ÇALMAŞUR (Dean of the Faculty of Agriculture, Atatürk University-Türkiye)
10:40-11:00	Prof. Dr. Ahmet HACİMÜFTÜOĞLU (Rector of Atatürk University- Türkiye)
KEYNOTE	
11:00-11:30	Prof. Dr. Fikretin ŞAHİN- Yeditepe University, Türkiye Exosomes Drived from Edible Plants Used in Regenerative Medicine
KEYNOTE	
11:30-12:00	Prof. Dr. Meisam ZARGAR- RUDN University, Russia A Global Perspective of Herbicide-Resistant Weeds and Management Options

ORAL PRESENTATION

Second Day (Face- Oral Presentation)			
<u>Location: Faculty of Agriculture Conference Hall</u>			
December 20, 2024/ 14:00-16:00			
HALL PARTICIPANT		HALL PARTICIPANT	
Agriculture Conference Hall		Agriculture İKA Amphi Hall	
Session Chair: Assoc. Prof. Dr. Muhammed KÜPE		Session Chair: Assoc. Prof. Dr. Emre ÇOMAKLI	
14:00-14:15	Phytochemical Profiles, Enzyme Inhibitory and Antioxidant Activities of <i>Lycium barbarum</i> L.: The Effect of Solvent Polarity Bahar Tuba FINDIK** , Hilal YILDIZ, Esmâ BİRİSİ		Overview of Meat Consumption in Turkey Ahmet Semih UZUNDUMLU, Seval KURTOĞLU** , Elif GÖVEZ
14:15-14:30	Rapid Detection of <i>E. coli</i> O157:H7 in Foods Using Immunomagnetic Separation Combined with Real-Time PCR Nursena ÖZTAŞYONAR* , Mehmet YÜKSEL		Artificial Intelligence as a Tool for Advancing Phytoremediation in Aquatic Ecosystems Muhammad ASIM**
14:30-14:45	Use of Agriculture 4.0 Early Warning and Forecast Systems in Viticulture; Example of Üzümlü Üzeyir ÖZOĞUL** , Muhammed KÜPE		The <i>Bruchidius Schilsky, 1905</i> (Coleoptera: Chrysomelidae: Bruchinae) Species and Their Host Plants detected in the Northeastern Anatolia Region Melek GÜÇLÜ** , Levent GÜLTEKİN
14:45-15:00	A Study on Super Fruit Goji Berry (<i>Lycium spp</i>) Üzeyir ÖZOĞUL** , Muhammed KÜPE		Mulberry Production Cost and Marketing in Uzundere District Ümmü Gülsüm AYDOĞAN** , Vedat DAĞDEMİR
15:00-15:15	Experimental Applications of Natural and Technological Drugs with Honey Bees: Status, Opportunities and Challenges Mahir Murat CENGİZ, Mehmet BEKTAS, Aynur BABAGIL, Hayrunnisa NADAROĞLU, Ozlem BARIS**		Morphological Characteristics of <i>Lactococcus garvieae</i> Strains Isolated from Farmed Rainbow Trout Hatice ÖZTÜRK** , Şükrü ÖNALAN
15:15-15:30	Optimization of Chitinase Production by <i>Bacillus amyloliquefaciens</i> N33 Neslihan DİKBAŞ** , Sevda UÇAR, Şeyma ALIM, Kağan KÖKTEN		An Overview of Automatic Milking Systems and Their Impact on Milk Production, Composition, and Udder Health Veysel Fatih ÖZDEMİR, Zeynep ÇAMCI**
15:30-16:00	FREE TIME		

ORAL PRESENTATION

Second Day (Face- Oral Presentation)	
Location: Faculty of Agriculture Conference Hall	
December 20, 2024/ 16:00-18:00	
HALL PARTICIPANT Agriculture Conference Hall	HALL PARTICIPANT Agriculture İKA Amphi Hall
Session Chair: Asst. Prof. Dr. Bahar TUBA FINDIK	Session Chair: Assoc. Prof. Dr. Gürsel ÖZKAN
<p>16:00-16:15 Association Between Kappa-Casein Gene Polymorphism and Milk Fat Yield in Brown Swiss Cattle Breed: A Meta-Analysis Zekrullah MOTMAİN, Kübra EKİNCİ** Esranur SAYGILI, Memiş ÖZDEMİR</p>	<p>Foliar Application of Folic Acid on Cabbage Seedlings Grown under Restricted Irrigation Conditions Can Alleviate the Negative Effects Raziye KUL**</p>
<p>16:15-16:30 Relationship Between Kappa-Casein Gene Polymorphism and Milk Protein Yield in Brown Swiss Cattle Breed: A Meta-Analysis Zekrullah MOTMAİN, Kübra EKİNCİ**, Esranur SAYGILI, Memiş ÖZDEMİR</p>	<p>Determining the Efficiency of Vetch Producers in Erzurum Province Using Fuzzy Data Envelopment Analysis Tuba KARABACAK**, Murat KÜLEKÇİ</p>
<p>16:30-16:45 The role and position of agricultural and natural resources engineering organization in optimizing agricultural productivity and food safety Morteza Kouchakzadeh Malari</p>	<p>Asymmetric Price Transmission of Diesel Prices and Exchange Rates on Egg Prices Nur ERTEK TOSUN**</p>
<p>16:45-17:00 Investigation of the Possibilities of Using some Essential Oils in Controlling Plant Pathogens That Cause Storage Diseases Emre ERDEN**, Fatih DADAŞOĞLU</p>	<p>Isot Pepper Spice (<i>Capsicum annum</i> L.), Antioxidant and Antibacterial Activities Fatma GÖLELİ**</p>
<p>17:00-17:15 Econometric Analysis of The Dynamic Relationships Between Agricultural Input, Producer And Consumer Prices In Turkey And Policy Forecasts Ferda Nur ÖZDEMİR, Adem AKSOY**</p>	<p>Organic Turnip Cultivation in Türkiye Haluk Çağlar KAYMAK, Serpil TIRAŞCI**</p>
<p>17:15-17:30 The Future of Türkiye's Olive Oil Exports: Strategic Forecasts with the ARIMA Model for the Period 2023-2030 Vahit Cem TÜZEMEN, Ferda Nur ÖZDEMİR**</p>	<p>Effect of Biostimulants on Germination and Early Growth Properties of Radish Raziye KUL, Huriye ÖZDEMİR**</p>
<p>17:30-17:45 Effect of Volume Weight and Skeleton Ratio on Soil Organic Carbon: Palandöken Example Hüseyin AYDIN**, Emre ÇOMAKLI, Müdahir ÖZGÜL</p>	<p>Projection of the Agricultural Mechanization Levels in Erzurum and Its Districts Using the ARIMA Model Mustafa ÇOMAKLI**, Nur ERTEK TOSUN</p>
<p>17:45-18:00 Effects of Carboxymethyl Cellulose Applications on Soil Physical Properties and Plant Growth Fazıl HACİMÜFTÜOĞLU**, Muhammet Ali BİLGİN</p>	<p>Effect of Different Bacterial Strains on the Germination Forage common vetch (<i>Vicia sativa</i> L.) under Salt Stress Zeynep GÜL**</p>

ORAL PRESENTATION

Third Day (Face- Oral Presentation)		
Location: Faculty of Agriculture Conference Hall		
December 21, 2024/ 10:00-14:00		
HALL PARTICIPANT	HALL PARTICIPANT	
Agriculture Conference Hall	Agriculture İKA Amphi Hall	
Session Chair: Assoc. Prof. Dr. Melih OKCU	Session Chair: Asst. Prof. Dr. Merve ŞENOL KOTAN	
10:00-10:15	Changes in Botanical Composition of Rangeland Sites at Different Altitudes Ahmet HANCI** , Melih OKCU	Evaluation of Antifungal Activity of <i>Bacillus subtilis</i> TV-17C Against Some Fungal Pathogens Causing Postharvest Diseases in Citrus Dicle ÇİÇEK** , Merve ŞENOL KOTAN, Recep KOTAN
10:15-10:30	Effects of Different Salt Levels on Forage Pea Varieties Funda KAYA** , Melih OKCU	Investigation of the Effects of Monosodium Glutamate and Tannic Acid on the Glutathione and Thioredoxin Systems in the Liver of Rats Mohammad Ali Abdulrahem ABUSHIKHA** , Hamid CEYLAN
10:30-10:45	Overview of Milk Consumption in Türkiye Elif GÖVEZ** , Seval KURTOĞLU, Ahmet Semih UZUNDUMLU	Melanin Production by Locally Isolated Streptomyces Strains Şevval YILDIRIM** , Meryem DOYMUŞ, Nazlı PINAR ARSLAN, Mesut TAŞKIN
10:45-11:00	Pesticides or Nanoplastics More Dangerous? Harun ARSLAN** , Halit AKTAS	Exposure to Acute Changes in Temperature Results in Transient Oxidative Stress And Changes in Antioxidant Enzyme Genes Expression in Fish Mehtap BAYIR** , Gökhan ARSLAN, Burcu Naz UZUN, Serpil TURHAN
11:00-11:15	The Effect of Using Insects in the Diet and Its Effect on the Growth and Performance of Aquatic Animals Yazdanpanah Goharrizi L.** , Elaheh Yeganeh Azimi, Elham Yeganeh Azimi	Characteristics of Sambalengkung Made From Snakehead Bone Stock with The 2 Addition of Kepok Banana Heart (<i>Musa paradisiaca</i> L.) Yusi SEANORA, Meysin ANJLIANY** , Basuni HAMZAH
11:15-11:30	Electrochemical Detection of 5-hydroxymethylfurfural with Bismuth Oxide Nanoflower Electrode Semanur Nida BAYRAKÇI, Fatma BAYRAKÇEKEN NİŞANCI**	Anti-Diabetic Properties of Kombucha Made from Dried Coffee Peel: Flavonoid Content and Inhibitory Activity against α -glucosidase Meysin ANJLIANY**
11:30-14:00	FREE TIME	

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Location: Faculty of Agriculture Conference Hall			
December 21, 2024/ 14:00-16:15			
HALL PARTICIPANT Agriculture Conference Hall		HALL PARTICIPANT Agriculture İKA Amphi Hall	
Session Chair: Assoc. Prof. Dr. Harun ARSLAN		Session Chair: Asst. Prof. Dr. Sedat SEVEROĞLU	
14:00-14:15	Bioinformatics in Legume Genomics: Unlocking Genetic Potential for Agricultural Innovation Muhammad Tanveer ALTAF** , Waqas LIAQAT, Amna JAMIL	Agricultural Importance of Sainfoin (<i>Onobrychis viciifolia</i>) Kağan KÖKTEN** , Muhammed TATAR	
14:15-14:30	Enhancing Potato Resistance to Late-Blight through <i>Serendipita indica</i> Colonization Mousa TORABI GIGLOU** , Alireza AKBARI, Asghar ESTAJI, Mahdi DAVARI, Rasoul AZARMI	Organic Forage Farming Kağan KÖKTEN** , Seyithan SEYDOŞOĞLU, Muhammed TATAR	
14:30-14:45	Origin and Evolution of Alfalfa Meliha Feryal SARIKAYA** , Muhammed Azhar NADEEM	Evaluation of Oats in Terms of Human Nutrition İlker YÜCE**	
14:45-15:00	Genetic Resources of Alfalfa Muhammed Azhar NADEEM** , Meliha Feryal Sarıkaya	Evaluation of Oats in Terms of Animal Nutrition İlker YÜCE**	
15:00-15:15	Phosphate Forms and Sources in Soils Muhammed TATAR**	Erosion Process in Meadows and Rangelands Sedat SEVEROĞLU**	
15:15-15:30	Phosphate Solubilising Fungi (PSF) Microorganisms Muhammed TATAR**	Nutritional Disorders Caused by Forage Crops Sedat SEVEROĞLU** , Kağan KÖKTEN	
15:30-15:45	The Role of Crop Rotation in Increasing the Productivity of Agricultural Crops TAMRAZOV T. H.** , ABDULLAYEVA Z. M.	Indispensable Propagation Element for Wild Fruit Species: Propagation by Seeds Sezai ERCİSLİ** , Gülçe İLHAN	
15:45-16:00	Diagnosis of Bacterial Strains Causing Disease in Lettuce Plant (<i>Lactuca sativa</i>) Mustafa ÖZGERİŞ** , Fatih DADAŞOĞLU	Cornelian Cherry (<i>Cornus mas</i> L.) Native to Anatolia: History, Distribution, Research Trends, Human Health Promotion Aspect Sezai ERCİSLİ** , Gulce ILHAN	
16:00-16:15	Genes Involved in Elongation and Desaturation of Fatty Acids in Chicken Liver Büşra DUMLU** , Ş. Canan BÖLÜKBAŞI AKTAŞ		