



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. Fikrettin 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 BİRİSÇİ	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</i> spp) 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 BABAGİL, 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)			
<u>Location: Faculty of Agriculture Conference Hall</u>			
December 20, 2024/ 16:00-18:00			
HALL PARTICIPANT		HALL PARTICIPANT	
Agriculture Conference Hall		Agriculture İKA Amphi Hall	
Session Chair: Asst. Prof. Dr. Bahar TUBA FINDIK		Session Chair: Assoc. Prof. Dr. Gürsel ÖZKAN	
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		Foliar Application of Folic Acid on Cabbage Seedlings Grown under Restricted Irrigation Conditions Can Alleviate the Negative Effects Raziye KUL**
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		Determining the Efficiency of Vetch Producers in Erzurum Province Using Fuzzy Data Envelopment Analysis Tuba KARABACAK** , Murat KÜLEKÇİ
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		Asymmetric Price Transmission of Diesel Prices and Exchange Rates on Egg Prices Nur ERTEK TOSUN**
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		Isot Pepper Spice (<i>Capsicum annum</i> L.), Antioxidant and Antibacterial Activities Fatma GÖLELİ**
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**		Organic Turnip Cultivation in Türkiye Haluk Çağlar KAYMAK, Serpil TIRAŞCI**
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**		Effect of Biostimulants on Germination and Early Growth Properties of Radish Raziye KUL, Huriye ÖZDEMİR**
17:30-17:45	Effect of Volume Weight and Skeleton Ratio on Soil Organic Carbon: Palandöken Example Hüseyin AYDIN** , Emre ÇOMAKLI, Müdahir ÖZGÜL		Projection of the Agricultural Mechanization Levels in Erzurum and Its Districts Using the ARIMA Model Mustafa ÇOMAKLI** , Nur ERTEK TOSUN
17:45-18:00	Effects of Carboxymethyl Cellulose Applications on Soil Physical Properties and Plant Growth Fazıl HACİMÜFTÜOĞLU** , Muhammet Ali BİLGİN		Effect of Different Bacterial Strains on the Germination Forage common vetch (<i>Vicia sativa</i> L.) under Salt Stress Zeynep GÜL**

ORAL PRESENTATION

Third Day (Face- Oral Presentation)		
<u>Location: Faculty of Agriculture Conference Hall</u>		
December 21, 2024/ 10:00-14:00		
HALL PARTICIPANT Agriculture Conference Hall	HALL PARTICIPANT 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 Some Fungal Pathogens Against TV-17C Bacteria Causing Postharvest Diseases in <i>Citrus</i> 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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Third Day (Face- Oral Presentation)			
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December 21, 2024/ 14:00-16:00			
HALL PARTICIPANT		HALL PARTICIPANT	
Agriculture Conference Hall		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	Diagnosis of Bacterial Strains Causing Disease in Lettuce Plant (<i>Lactuca sativa</i>) Mustafa ÖZGERİŞ** , Fatih DADAŞOĞLU	
14:45-15:00	Genetic Resources of Alfalfa Muhammed Azhar NADEEM** , Meliha Feryal Sarıkaya	Evaluation of Oats in Terms of Human Nutrition İlker YÜCE**	
15:00-15:15	Phosphate Forms and Sources in Soils Muhammed TATAR**	Evaluation of Oats in Terms of Animal Nutrition İlker YÜCE**	
15:15-15:30	Phosphate Solubilising Fungi (PSF) Microorganisms Muhammed TATAR**	Erosion Process in Meadows and Rangelands Sedat SEVEROĞLU**	
15:30-15:45	The Role of Crop Rotation in Increasing the Productivity if Agricultural Crops TAMRAZOV T. H.** , ABDULLAYEVA Z. M.		
15:45-16:00	FREE TIME		