



# ISPEC 17<sup>th</sup> INTERNATIONAL CONFERENCE ON AGRICULTURE, ANIMAL SCIENCE & RURAL DEVELOPMENT

April 25-27, 2025 / Kırşehir, Türkiye

## *Congress Program*

Face-to-face and Online

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### **IMPORTANT, PLEASE READ CAREFULLY**

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- ✓ All congress participants can connect live and listen to all sessions.
- ✓ Moderator is responsible for the presentation and scientific discussion (question-answer) section of the session.

### **Points to Take into Consideration - TECHNICAL INFORMATION**

- ✓ Make sure your computer has a microphone and is working.
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- ✓ Requests such as change of place and time will not be taken into consideration in the congress program

### **SPONSORS**



# FACE TO FACE SESSION / 25.04.2025

HALL-1 / SESSION-1

Ahi Evran Kongre ve Kültür Merkezi



Ankara Time: 10:30-11:50

## HEAD OF SESSION: Prof. Dr. Sabri GÖKMEN

Authors	Affiliation	Presentation title
Rüştü HATİPOĞLU	<i>Kırşehir Ahi Evran University</i>	Growing genetically modified crops in the world and Türkiye
Metin TÜRKER Selma Nur TÜRKER AYDIN	<i>Ministry Of Agriculture and Forestry</i>	Historical development of land consolidation inheritance management and land banking practices in Türkiye
Selma Nur TÜRKER AYDIN Metin TÜRKER	<i>Ministry Of Agriculture and Forestry</i>	The effects of climate change on water and food crisis and measures to be taken
Selahattin ÇINAR	<i>Kırşehir Ahi Evran University</i>	Plant production planning and support in Türkiye
Bekir ENGÜRÜLÜ Oktay Nazmi ALKAN Mustafa KOPARAN Sevda YAZICI Hasan Cumhur SARISU	<i>Agricultural Insurance Pool Operation General Directorate Inc.</i>	The importance of agricultural insurance in climate change
Veysel GÜL Abdullah BEYAZ	<i>Kırşehir Ahi Evran Üniversitesi</i>	The strategic role of precision agricultural practices in climate change and their contribution to sustainable agricultural production

(All speakers required to be connected to the session 10 min before the session starts)

Moderator is responsible for ensuring the smooth running of the presentation, managing the group discussion and dynamics.

# FACE TO FACE SESSION / 25.04.2025

HALL-2 / SESSION-1

Ahi Evran Kongre ve Kültür Merkezi



Ankara Time: 10:30-12:30

## HEAD OF SESSION: Prof. Dr. Yaşar KARADAĞ

Authors	Affiliation	Presentation title
Melek KURT Rüştü HATİPOĞLU	<i>Kırşehir Ahi Evran University</i>	Effects of climate change on vegetation of grasslands
Mehmet ÖTEN Melike KÖSE Semih TOKAT	<i>Sakarya University of Applied Sciences</i>	Determination of allelopathic effects of sorghum ( <i>Sorghum bicolor</i> L.) extract on common vetch ( <i>Vicia sativa</i> L.)
Hasan Beytullah DÖNMEZ	<i>Çukurova University</i>	The effect of different salt concentrations on germination and seedling growth of perennial forage grasses
Osman YÜKSEL Hüseyin PALAZ	<i>Uşak University</i>	A study on determining some morphological and agricultural characteristics of scented grass ( <i>Chrysopogon gryllus</i> (L.) Trin.)
Mustafa YILMAZ Mehmet ÖTEN Rahime CENGİZ Ferzat TURAN Melike KÖSE	<i>Sakarya University of Applied Sciences</i>	Determination of quality characteristics of corn ( <i>Zea mays</i> L.) silage with different additives
Fazlı COŞKUN Yaşar KARADAĞ	<i>Necmettin Erbakan University</i>	Determination of weed and quality characteristics of some sorghum genotypes in Muş ecological conditions
Rahime CENGİZ Zehra YILDIZ	<i>Sakarya University of Applied Sciences</i>	Plant extraction methods: traditional and innovative techniques
Mustafa Alper SAVAŞ Selahattin ÇINAR	<i>Kırşehir Ahi Evran University</i>	Forage crop breeding studies in Turkey
Zahide Gül GÜRKAN Erdem GÜLÜMSER Uğur BAŞARAN	<i>Bilecik Şeyh Edebali University</i>	The effect of forage turnip leaf extracts on germination and seedling development of forage cowpea
Uğur BAŞARAN Erdem GÜLÜMSER	<i>Bilecik Şeyh Edebali University</i>	Reduction of greenhouse gas emissions in field crops production systems

(All speakers required to be connected to the session 10 min before the session starts)

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# FACE TO FACE SESSION / 25.04.2025

HALL-3 / SESSION-1

Ahi Evran Kongre ve Kültür Merkezi



Ankara Time: 10:30-12:30

## HEAD OF SESSION: Prof. Dr. İsa TELCİ

Authors	Affiliation	Presentation title
İsa TELCİ Erman BEYZİ Biyolog YALÇIN Erdal KAYA Mustafa ER Ahu ALTINKUT UNCUOĞLU	<i>Isparta University of Applied Sciences</i>	Investigation of the yield and essential oil properties of menthol mint grown in different ecologies
Nimet KATAR Emine BİLGİNOĞLU Rabia GÜNDÜZ Duran KATAR	<i>Kırşehir Ahi Evran University</i>	Effects of different nitrogen doses on yield and quality characteristics of sage ( <i>Salvia officinalis</i> L.) under the ecological conditions of Eskişehir
Nimet KATAR Emine BİLGİNOĞLU Rabia GÜNDÜZ Duran KATAR	<i>Kırşehir Ahi Evran University</i>	Effect of different nitrogen doses on yield and quality parameters of rosemary ( <i>Rosmarinus officinalis</i> L.) plant in Eskişehir ecological conditions
Buşra ÖZDEMİR Sibel ULCAY Bahadır ALTUN	<i>Kırşehir Ahi Evran University</i>	A study on the investigation of morphological and anatomical characteristics of some ornamental plants geophysics distributed in Kırşehir region
Aysun ÖRÇÜN Lifer DOĞAN Ferzat TURAN	<i>Sakarya University of Applied Sciences</i>	Effect of glycine betaine priming application on germination and seedling development in safflower seeds under drought stress
Elanur DURSUN Aysun ÖRÇÜN Ferzat TURAN	<i>Sakarya University of Applied Sciences</i>	Investigation of the effects of chitosan priming on soybean ( <i>Glycine max</i> L.) Seeds against salt stress
Ali ONARAN Mehmet Emin ÇALIŞKAN	<i>Niğde Ömer Halisdemir University</i>	Selection of drought tolerant potato ( <i>Solanum tuberosum</i> L.) breeding lines in vitro conditions by morphological and multi-criteria analysis methods

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# FACE TO FACE SESSION / 25.04.2025

HALL-4 / SESSION-1

Ahi Evran Kongre ve Kültür Merkezi



Ankara Time: 10:30-12:30

HEAD OF SESSION: Prof. Dr. Yaşar ERTÜRK

Authors	Affiliation	Presentation title
Sevil SAĞLAM YILMAZ	Kırşehir Ahi Evran University	Problems and solution suggestions encountered in micropropagation of walnut ( <i>Juglans regia</i> L.)
Sevil SAĞLAM YILMAZ	Kırşehir Ahi Evran University	Agrobacterium-based transformation of cry 1c and cry 1cst genes into common bean ( <i>Phaseolus vulgaris</i> L.)
Funda ÖZDEMİR DEĞİRMENÇİ Asiye ULUĞ Uzuk KASYMOVA	Kırşehir Ahi Evran University	Genetic distinction between morphologically similar hexaploid and tetraploid wheat species
Tuana AKSOY Khalid Mahmood KHAVAR	Yozgat Bozok University	Genome dynamics of <i>Cannabis sativa</i> L. species
Tuana AKSOY Khalid Mahmood KHAVAR	Yozgat Bozok University	Identification of XY and XX sex chromosomes in <i>Cannabis sativa</i> L.
Betül Ayça DÖNMEZ Salih KAFKAS N. Ebru KAFKAS	Kırşehir Ahi Evran University	Use of anther culture in haploid plants production in strawberry
Betül Ayça DÖNMEZ Salih KAFKAS N. Ebru KAFKAS	Kırşehir Ahi Evran University	Physiological responses of strawberry plants to drought stress
Emre ŞİRİN Mehmet KURAN	Kırşehir Ahi Evran University	Determination of parthenogenetic activation capacity of bovine oocytes matured in vitro in culture media using royal jelly as a protein source
Ümmü TUĞLU Hasan BAYDAR	Isparta University of Applied Sciences	Development of sage varieties with tetraploid genome (tetra sage) by polyploidy breeding in medicinal and anatolian sage
Can ASLAN Ayşe Gül FİLİK	Kırşehir Ahi Evran University	The effect of <i>lactobacillus brevis</i> (MF098783) strain on the quality and aerobic stability of wheat forage silage
Ayşe Gül FİLİK Esin KIRAY Esra ŞİŞMAN	Kırşehir Ahi Evran University	Effectiveness of <i>lactobacillus plantarum</i> (MF098786) as a microbial inoculant in barley straw silages
Tareq HAMIJO İlbiçe OĞUZ N. Ebru KAFKAS	Çukurova University	Genetic basis of volatile compound production in strawberries: insights from QTL mapping and GWAS
Mikail YENİÇERİ Sena KARAKUŞ Gökhan FİLİK	Kırşehir Ahi Evran University	Efficacy of microbial inoculants in improving silage quality : millet ( <i>Panicum miliaceum</i> L.)
Tuba TAŞ Esin KIRAY Gökhan FİLİK	Kırşehir Ahi Evran University	The effect of microbial inoculants on the silage quality and stability of unshredded Italian ryegrass ( <i>Lolium multiflorum</i> )

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# FACE TO FACE SESSION / 25.04.2025

HALL-1 / SESSION-2

Ahi Evran Kongre ve Kültür Merkezi



Ankara Time: 14:30-17:00

**HEAD OF SESSION: Prof. Dr. Sultan KIYMAZ**

Authors	Affiliation	Presentation title
Sultan KIYMAZ Serdar GENÇ Ebru ŞİRİN	<i>Kırşehir Ahi Evran University</i>	Determination of nitrate levels in well water: the case of Kırşehir province
Çayan ALKAN Mecit ÖZTÜRK	<i>Bilecik Şeyh Edebali University</i>	Agricultural water management planning: the case of Bilecik province
Cevat FİLİKCİ Tamer MARAKOĞLU	<i>Kırşehir Ahi Evran University</i>	Evaluation of reduced tillage practices in terms of conservation tillage technique
Ali BOLAT	<i>Adıyaman University</i>	Technical and economic comparison of spraying with unmanned aerial vehicles (UAVS) and field sprayers
Alper BOLAT Ergün ERTUĞRUL	<i>Türk Traktör</i>	The effect of combine harvester speed on grain loss during wheat harvest
İsmet Furkan GEZGIN	<i>Kırşehir Ahi Evran University</i>	Integration of artificial intelligence and agricultural machinery in plant protection technologies
Tamer YAVUZ Veysel GÜL Ömer ERTUĞRUL	<i>Kırşehir Ahi Evran University</i>	Monitoring early-stage crop emergence in oat fields using multispectral uav-based vegetation indices
Ahu Alev ABACI BAYAR	<i>Kırşehir Ahi Evran University</i>	An investigation of nutrition status in olive ( <i>Olea europaea</i> L.) Gardens in Onikişubat (Kahramanmaraş) county based on soil and leaf analysis
Halil ERDEM İbrahim SAYGILI Mazlum ERDEM	<i>Tokat Gaziosmanpaşa University</i>	Heterosis effects on uptake and accumulation of zinc in barley
Fevziye Şüheda HEPŞEN TÜRKAY Murat ARSLAN	<i>Kırşehir Ahi Evran University</i>	From organic waste to fish feed: eisenia fetida biomass in biogas residue and olive mill wastewater by vermicomposting for agriculture and aquaculture nutrient integration
Mehmet OZTURK Anna CATES Lindsay PEASE	<i>University of Minnesota, USA</i>	Enhancing soil health and reducing wind erosion: cover crop strategies for sugarbeet systems in minnesota's fertile black soils

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# FACE TO FACE SESSION / 25.04.2025

HALL-2 / SESSION-2

Ahi Evran Kongre ve Kültür Merkezi



Ankara Time: 14:30-17:00

HEAD OF SESSION: Prof. Dr. Rüştü HATİPOĞLU

Authors	Affiliation	Presentation title
Melek GÜMÜŞBAŞ Selma BOYACI	<i>Kırşehir Ahi Evran University</i>	Rooting of different chokeberry cultivars with hardwood cuttings
Selma BOYACI	<i>Kırşehir Ahi Evran University</i>	A significant problem in apple growing: pre-harvest fruit dropping
Ebru ŞİRİN Yaşar ERTÜRK	<i>Kırşehir Ahi Evran University</i>	Soil suitability map for walnut cultivation in Kırşehir: evaluation using the AHP method based on soilgrids data
Ebru ŞİRİN Yaşar ERTÜRK	<i>Kırşehir Ahi Evran University</i>	Carbon sequestration of fruit orchards and their role in sustainable agriculture
Fadimana ÖZEL Beyza HAFÇI Yaşar ERTÜRK	<i>Kırşehir Ahi Evran University</i>	Dwarfing mechanisms in temperate fruit trees
Sebahattin YILMAZ Yaşar AKÇA	<i>Kırşehir Ahi Evran University</i>	Tips for top-working of walnut trees
Beyza HAFÇI Yaşar ERTÜRK	<i>Kırşehir Ahi Evran University</i>	Evaluations on in vitro micropropagation of walnut
Yassir Ahmed HASSAN Josephine BIRUNGI	<i>Animal Production Research Centre, SUDAN</i>	Overview on genetic variability of casein protein genes in sudanese nubian goats
Yassir Ahmed HASSAN Josephine BIRUNGI Morris AGABA	<i>Animal Production Research Centre, SUDAN</i>	Phylogenetics of goat populations in Sudan
Yassir Ahmed HASSAN	<i>Animal Production Research Centre, SUDAN</i>	Conservation modelling of biodiversity for three sudanese cattle breeds (Butana, Ariashy and Nuba)
Cemal KURT Ömer Afşin ÇİL Hatice CANKESEN	<i>Çukurova University</i>	Peanut ( <i>Arachis hypogaea</i> L.) cultivation and its importance in Türkiye

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# FACE TO FACE SESSION / 25.04.2025

HALL-3 / SESSION-2

Ahi Evran Kongre ve Kültür Merkezi



Ankara Time: 14:30-17:00

**HEAD OF SESSION: Prof. Dr. Mustafa KAN**

Authors	Affiliation	Presentation title
Semiha ÇETINKAYA Cuma AKBAY Hasan Hüseyin AKGÜL Aynur BELVEREN	<i>Kahramanmaraş Sütçü İmam University</i>	An investigation of the current situation of forest villagers: the case of Göksun district in Kahramanmaraş province
Cuma AKBAY Yeşim AYTOP Semiha ÇETINKAYA Aynur BELVEREN	<i>Kahramanmaraş Sütçü İmam University</i>	Analysis of the structural characteristics of broiler farms in Balıkesir province
Rıza Umut GÜNGÖR Hakan KIR	<i>Kırşehir Ahi Evran University</i>	Plant production and agricultural structure in the province of Kırşehir
Ertuğrul GÜREŞÇİ	<i>Kırşehir Ahi Evran University</i>	The higher organization in cooperatives in Türkiye
Hüseyin ATAŞ	<i>Adıyaman University</i>	A proposed method to measure the impact of the geographic registration mark for Kaman nuts on production: nominal group technique
Figen ÇUKUR Tayfun ÇUKUR	<i>Muğla Sıtkı Koçman University</i>	Evaluation of geographically indication products in terms of rural tourism: recommendations on Milas district of Muğla province
Remziye Nur ÖZDEMİR İsmail DEMİR	<i>Kırşehir Ahi Evran University</i>	Determination of factors influencing the choice of agricultural faculty: a case study of Kırşehir Ahi Evran University
Remziye Nur ÖZDEMİR İsmail DEMİR	<i>Kırşehir Ahi Evran University</i>	Determining the perspectives of agricultural faculty students on their profession: a case study of Kırşehir Ahi Evran university
Isroilova Dildora Muxtorovna Jumaboyeva Mubina Javlinbek Jumaboyeva Mavluda Javlonbek	<i>Kukon University</i>	Importance of soft skills in professional communication of engineering students

(All speakers required to be connected to the session 10 min before the session starts)

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# FACE TO FACE SESSION / 25.04.2025

HALL-4 / SESSION-2

Ahi Evran Kongre ve Kültür Merkezi



Ankara Time: 14:30-17:00

HEAD OF SESSION: Assoc. Prof. Dr. Gökhan FİLİK

Authors	Affiliation	Presentation title
Emre ŞİRİN	<i>Kırşehir Ahi Evran University</i>	Determination of growth performance of lambs and fertility characteristics of Karayaka sheep raised in Tokat
Ertuğrul KUL	<i>Kırşehir Ahi Evran University</i>	Passive immunity and its importance in calves
Yasin UYANIK Hayrettin ÇAYIROĞLU	<i>Kırşehir Ahi Evran University</i>	Factors affecting meat quality in ruminant animals: red meat quality from farm to table
Abdullah AYDOĞAN İsa COŞKUN	<i>Kırşehir Ahi Evran University</i>	The effects of dietary tarhana supplementation to quail ration on egg production and egg quality criteria
Derya DURAN GÖKALP	<i>Kırşehir Ahi Evran University</i>	Examination of the landscape potential of within the scope of rural tourism activities in Savcılı Büyükoba (Kırşehir/Kaman) village
İlker TÜRKAY Lokman ÖZTÜRK	<i>Kırşehir Ahi Evran University</i>	Glandular trichomes as model structures in phytochemical biosynthesis research
Miraç KILIÇ Hikmet GÜNAL Nurullah ACİR	<i>Harran University</i>	Assessment of land degradation vulnerability in semi-arid areas using fuzzy logic approach and geospatial data: a case study from Kırşehir, Türkiye
Hikmet GÜNAL Miraç KILIÇ İsmail ÇELİK Mesut BUDAK	<i>Harran University</i>	Development and opportunities of carbon markets in Türkiye: current status and future perspectives
Tuğba GÜNGÖR ERTUĞRAL Işıl ERZİNCAN		Preparation and characterization of edible films based on corn zein
Büşra AVCI YURTDAS M. Akif IRMAK	<i>Kırşehir Ahi Evran University</i>	Evaluation of different surface textures in urban parks in terms of micro thermal comfort; case study of Erzurum olympic park

(All speakers required to be connected to the session 10 min before the session starts)

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# FACE TO FACE SESSION / 25.04.2025

HALL-5 / SESSION-2

Ahi Evran Kongre ve Kültür Merkezi



Ankara Time: 14:30-17:00

**HEAD OF SESSION: Prof. Dr. Sedat BOYACI**

Authors	Affiliation	Presentation title
Gülten KAÇAR AVCI Halil TOKTAY Ramazan CANHİLAL	Potato Research Institute	Morphological diagnosis of golden cyst nematode ( <i>Globodera rostochiensis</i> L.) populations in Niğde province
Gökhan DOĞAN Makbule ERDOĞDU Zeki AYTAÇ	Kırşehir Ahi Evran University	The powdery mildews of Yedigöller national park, Bolu province, Türkiye
Ali ENDES Bekir AKTAŞ Sevim ATMACA	Yozgat Bozok University	The symptomatology, epidemiology, ecology and management practices of <i>Rhynchosporium graminicola</i> as barley leaf blotch/scald pathogen
Ali ENDES Bekir AKTAŞ Sevim ATMACA	Yozgat Bozok University	Fusarium wilt and root rot on chickpea
Yusuf BAYAR Abdurrahman ONARAN Özlem BAHAR	Kırşehir Ahi Evran University	Comparative antifungal activity of methanol and hexane extracts of <i>Pteridium aquilinum</i> against <i>Monilinia fructigena</i>
Yusuf BAYAR Fatma KISA Melih Yılar Özlem BAHAR Abdurrahman ONARAN	Kırşehir Ahi Evran University	Comparative evaluation of leaf, flower, and seed extracts of vitex agnus-castus for antifungal activity against <i>fusarium oxysporum</i> species
Yasin Nazım ALPKENT Sibel ERTÜRK Selçuk ULUSOY Sait ERTÜRK	Directorate of Plant Protection Central Research Institute	Bioefficacy and chemical profiling of two essential oils against <i>Sitophilus granarius</i> L. (Coleoptera: Curculionidae)
Ahmet Emin YILDIRIM Erdal SERTKAYA İbrahim Halil ELEKÇIOĞLU	Hatay Mustafa Kemal University	Determining plant parasitic nematodes and their population densities in important crop plants in Hatay province, Türkiye
Ahmet Emin YILDIRIM Erdal SERTKAYA İbrahim Halil ELEKÇIOĞLU	Hatay Mustafa Kemal University	Survey studies on comparison of <i>tylenchulus semipenetrans</i> (cobb, 1913) (tylenchida: tylenchulidae) population levels according to rootstock, rootstock age and soil texture in Hatay, Türkiye
Sedat BOYACI	Kırşehir Ahi University	Evaluation of the effect of natural ventilation and cooling applications on indoor climate in a high tunnel greenhouse
Sedat BOYACI	Kırşehir Ahi University	Evaluation of the effects of insect nets used in ventilation openings in greenhouses on ventilation

(All speakers required to be connected to the session 10 min before the session starts)

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# ONLINE SESSION / 26.04.2025

HALL - 1 / SESSION - 1

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 10:00-12:00

## HEAD OF SESSION: Prof. Dr. Mustafa KAN

Authors	Affiliation	Presentation title
Glden zgnaltay Ertuğrul Erkan Urkan Ikbal Aygn	<i>Kırşehir Ahi Evran University</i>	Innovative approaches in ergonomic risk assessment methods and occupational safety in agriculture
Fatih Çalıřkan Halil zcan zdemir Bařar Altuntař	<i>Kırşehir Ahi Evran University</i>	Knowledge and attitude levels of female consumers in Nevşehir province about the storage of bee products
Ltfi Eren Volkan Mehmet Çınar Aydın nay	<i>Aydın Adnan Menderes University</i>	Heat stress in cotton
Selcen Babaođlu Aydař Ayhan İbrahim Aysal Hikmet Trk Katırcıođlu Kbra Erkan Trkmen Pınar Mursalođlu Kaynar Orhan Canbolat	<i>Gazi University</i>	Investigation of existence of biogenic amin in siderophore-producing <i>Bacillus</i> sp.
Ece B. Kasapođlu Uludamar Ali Endes Perihan Tuđçe Altıparmak I. Halil Elekciođlu	<i>Çukurova University</i>	Effects of root rot fungus ( <i>Fusarium oxysporum</i> f. sp. <i>ciceris</i> ), and root lesion nematode ( <i>Pratylenchus thornei</i> ) on some chickpea varieties at different application times
Mehmet Selim Yıldız Abdlbaki Bilgiç Nuray Demir Adem Aksoy	<i>Ataturk University</i>	Green energy, sweet results: the impact of wind farms on honey production
Harun Furuncuođlu Mehmet ten	<i>Sakarya University of Applied Sciences</i>	The effect of fertiliser and bacteria applications on nitrogen and protein ratios in grass pea
Smeyya Vuslat Diřkaya Salim Avcıođlu Ece Brteçine Kasapođlu Uludamar İbrahim Halil Elekciođlu	<i>Çukurova University</i>	Investigation of biodiversity of nematodes (nematoda) in ali nihat gkyiđit botanical garden of Çukurova University
Sena zbay	<i>Kırşehir Ahi Evran University</i>	Plant protein revolution for sustainable agriculture and rural development: opportunities and challenges
mer řengl	<i>Bursa Uludag University</i>	Structural characteristics and problems of fattening sheep farms in Karacabey district

(All speakers required to be connected to the session 10 min before the session starts)

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# ONLINE SESSION / 26.04.2025

HALL - 2 / SESSION - 1

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 10:00-12:00

**HEAD OF SESSION: Prof. Dr. Makbule ERDOĞDU**

Authors	Affiliation	Presentation title
Hacer Tüfekci İbrahim Can Temur	<i>Yozgat Bozok University</i>	Factors affecting the survival of lambs and kids
Hacer Tüfekci İbrahim Can Temur	<i>Yozgat Bozok University</i>	Sheep milk production and importance
Hassan Mohamud Hassan Serdar Kamanli	<i>Kırşehir Ahi Evran University</i>	The impact of global warming and climate change on the poultry industry
Melek Derya Nitelik Mehmet Ali Çullu Bilal Entüştekin	<i>Harran University</i>	Spatial analysis of the impact of fertilizer use practices on nitrate pollution in cotton farming using remote sensing techniques: the case of Harran plain
Sinan Akbal	<i>Pamukkale University</i>	Potential use of probiotic spore-forming bacteria in dairy technology
Ihsan Gür Ayşe Yeşilayer	<i>Tokat Gaziosmanpaşa University</i>	Pesticide applications and residue problems in greenhouse agriculture
Damla Balaban Göçmen İsmet Başer	<i>Tekirdağ Namık Kemal University</i>	Evaluation of stability for some yield components of triticale ( <i>x Triticosecale wittmack</i> ) elite lines
Ceyda Dadalı Arda Nur Çimen	<i>Ege University</i>	Alternative approaches to cheese: plant-based cheeses
Arda Nur Çimen Ceyda Dadalı	<i>Ege University</i>	Applications of intelligent packaging technology in foods
Bünyamin Bildik Abdurrahman Sami Koca	<i>Bolu Abant İzzet Baysal University</i>	Adult population development and damage rates of the codling moth <i>Cydia pomonella</i> L. (Lepidoptera: Tortricidae) in pear orchards of Kocaeli province

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# ONLINE SESSION / 26.04.2025

HALL - 3 / SESSION - 1

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 10:00-12:00

## HEAD OF SESSION: Prof. Dr. Ramazan BEYAZ

Authors	Affiliation	Presentation title
Stepheny J. Rusli Denny Satria Hafid Syahputra Syukur Berkhat Waruwu	<i>Universitas Sumatera Utara</i>	Box-behnken design optimization of brotowali stem extraction conditions and its anticervical cancer potential: an in silico and experimental approach
Putri Widyanti Harlina Havilah Jemima Dahlan	<i>Universitas Padjadjaran</i>	Optimizing glycerol monostearate (gms) and sorbitan monostearate (sms) ratios on lipid profiles in low-saturated shortening: a lipidomic and chemometric approach
Soukaina El Bourachdi Abdelhay El Amri Amal Lahkimi	<i>Sidi Mohamed Ben Abdellah University</i>	Hydrochar from fish waste as an efficient adsorbent for pollutant removal: synthesis, characterization, and adsorption mechanisms analyzed through DFT calculations
Jesslyn Frederica Denny Satria Poppy Anjelisa Zaitun Hasibuan Syukur Berkhat Waruwu	<i>Universitas Sumatera Utara</i>	Anticancer potential of extract and fraction from brotowali ( <i>Tinospora crispa</i> ) stem against breast cancer: cytotoxicity, network pharmacology, molecular docking
Moula Bux Peerzado Muhammad Usman Nawab ul Deen	<i>University of Sargodha,</i>	Agricultural land and Pakistan
Siti Nurmilah Andri Frediansyah Yana Cahyana Roostita L. Balia Bibin Bintang Andriana Gemilang Lara Utama	<i>Universitas Padjadjaran</i>	Exploring microbial dynamics and metabolomic profiling of isoflavone transformation in black and yellow soybean tempe for sustainable functional foods
Ogunde A. A. Adefolarin D. A. Phillips S. A. Ajayi B. Adeleye N. A.	<i>University of Ibadan</i>	Modeling of dairy animal milk production using nadarajah-haghighi bur type-x distribution
Syarifah Huswatun Miswar	<i>Central China Normal University</i>	The impact of renewable energy implementation on rural economic growth
Kanat Galymbek Serik Bakirov Aigul Madenova Kadir Akan Dinara Amanbekova	<i>Abai Kazakh National Pedagogical University</i>	Reactions to wheat leaf rust ( <i>Puccinia triticina</i> ) and its effect on grain quality
Serik Bakirov Kanat Galymbek Aigul Madenova Kadir Akan Aqerke Tuimebay	<i>Abai Kazakh National Pedagogical University</i>	The effect of experimental yield trial materials on bunt reactions and wheat yield

(All speakers required to be connected to the session 10 min before the session starts)

Moderator is responsible for ensuring the smooth running of the presentation, managing the group discussion and dynamics.

# ONLINE SESSION / 26.04.2025

HALL - 4 / SESSION - 1

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 10:00-12:00

## HEAD OF SESSION: Prof. Dr. Sultan KIYMAZ

Authors	Affiliation	Presentation title
Ajayi B., Phillips S. A., Adeleye N. A., Adefolarin D. A., Ogunde A. A	<i>Federal Polytechnic Ado-Ekiti</i>	Statistical modeling of wind data using type i half-logistic exponentiated inverse lomax distribution
Ahmed Osmane Khadija Zidan Moustapha Belmouden	<i>Agadir University Ibn Zohr</i>	Health and disease implications of sorghum irrigated with trickling filter-treated wastewater in North Africa's semi-arid regions
Muhamad Syaifudin Tangcheng Li Hong Du	<i>Shantou University</i>	Effect of environmental factors on heavy metal in seaweed: a bibliometric analysis of 20 years of research publications
Udoye, Charles Ekene Ezeogu Chisimdi Franklin	<i>University of Nigeria</i>	Crop farmers' knowledge of e-banking in enugu east senatorialzone of enugu state, Nigeria
Aliyu Nana Aisha Ado A. Datti Kazeem Ibraheem Ajadi Bakare Abdulakeem Oyesode Olotu Johu Suleiman Zuleihat Ozohu	<i>Ahmadu Bello University Zaria</i>	Heavy metal removal from textile effluent using activated carbon prepared from coconut shell-orange peel
Ramsha Rashid Aqeela Saghir Muhammad Ifikhar Ghazanfar Ali Khan Babar Shahbaz	<i>University of Agriculture Faisalabad</i>	Identifying constraints in the adoption of pulses cultivation: challenges and policy interventions
Maria Marcella Rianita Pramitasari	<i>Atma Jaya Catholic University of Indonesia</i>	Formulation of vegetarian ice cream from maja fruit ( <i>Aegle Marmelos</i> ) as a cow's milk substitute and antioxidant source

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# ONLINE SESSION / 26.04.2025

HALL - 5 / SESSION - 1

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 10:00-12:00

**HEAD OF SESSION: Prof. Dr. Yaşar ERTÜRK**

Authors	Affiliation	Presentation title
Okoro, John Chukwuma	<i>University of Nigeria</i>	Adaptation strategies to fuel subsidy removal among farmers in Nsukka agricultural zone, Enugu State, Nigeria
Okoro, John Chukwuma	<i>University of Nigeria</i>	Effects of fuel subsidy removal on household food consumption and dietary patterns of farmers in Enugu Ezike agricultural zone, Enugu State, Nigeria
Yassir Ahmed Hassan Galal Mustafa Yousif Mohammed Tageldin Ibrahim George Erhardt	<i>Animal Production Research Centre</i>	Genetic polymorphisms and diversity characteristics at milk protein genes for the Hamari desert sheep in Sudan
Muyiwa Abiodun Okusanya Oke O. Adedamola Idowu Tolulope	<i>The Federal Polytechnic Ilaro</i>	Comparison of rice husk as a planting media in urban agriculture to conventional farming
Mohammad Mehdi Pakdel Zahra Tahmasebi Sarvestani Mohammad Amini Feridun Esmailzadeh	<i>Shiraz University</i>	The effect of CO <sub>2</sub> and H <sub>2</sub> O removal from top gas fuel stream upon its heating value at goharzamin company
Zahra Tahmasebi Sarvestani Mohammad Mehdi Pakdel Mohsen Khojasteh Nezhad Kazem Askarifar Feridun Esmailzadeh	<i>Shiraz University</i>	Substitution of beach well intake technology for open intake technology as seawater intake for reverse osmosis desalination plant
Anwar Rovik Laelatul Afifah Vania Uly Andyra	<i>The Graduate School of Universitas Gadjah Mada</i>	Exploring the anticancer potential of agriculturally relevant mimosa pudica ( <i>Linn.</i> ): a network pharmacology perspective
Abdullah Hammad Asghar Ali Hassan Zulfiqar	<i>The University of Faisalabad</i>	Marketing of agriculture business, its impact on the earnings of a diagnostic analysis of role of middlemen in financing and farmers and consumer price: a case study of potato farmers
Muhammad Ashfaq Mahreen Alam	<i>The University of Faisalabad</i>	Impact of raps based adaptation package on agriculture in Punjab-Pakistan

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# ONLINE SESSION / 26.04.2025

HALL - 1 / SESSION - 2

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 12:30-14:30

**HEAD OF SESSION: Assoc. Prof. Dr. Gökhan FİLİK**

Authors	Affiliation	Presentation title
Irfan Kadiođlu Ismail Bülent Gürbüz	<i>Bursa Uludađ University</i>	From farm to fork: next-generation development through circular economy
Irfan Kadiođlu Ismail Bülent Gürbüz	<i>Bursa Uludađ University</i>	Digital transformation and sustainable mobility in agriculture
Hasan Gökhan Dođan Derya Malkoç	<i>Kırşehir Ahi Evran University</i>	Evaluation of development trend of breeding activities: the case of Kırşehir province
Hasan Gökhan Dođan Kahraman Eldek	<i>Kırşehir Ahi Evran University</i>	Relationship between urban spreading and the agricultural sector: a conceptual assessment
Selin Ceren Balsak	<i>Kahramanmaraş Sütçü İmam University</i>	Genetic diversity and population structure of lettuce mosaic virus based on coat protein gene region
Ümit Acay Behiye Tuba Biçer	<i>Bingöl University</i>	Effect of plant density and shading treatments on broad bean ( <i>Vicia faba</i> L.) yield
Ümit Acay Behiye Tuba Biçer	<i>Bingöl University</i>	Investigation of growth and development of bean ( <i>Vicia faba</i> L.) in different plant densities and shade treatments
Hasan Gökhan Dođan Ahmet Dođanlı	<i>Kırşehir Ahi Evran University</i>	Study of Turkish sugar industry and sugar policies between 1923-1956
Bekir Aktaş Ali Endes Sevim Atmaca	<i>Yozgat Bozok University</i>	Effects of legislative changes in the registration of plant varieties on cool season cereals
Bekir Aktaş Ali Endes Sevim Atmaca	<i>Yozgat Bozok University</i>	Changing climatic conditions and black point disease in cool season cereals
Tolga ARABACI Murat OLGUN Savaş BELEN	<i>Eskişehir Osmangazi Üniversitesi,</i>	Comparative usability of different image processing techniques and yield components in wheat ( <i>T. Aestivum</i> L.) Breeding

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# ONLINE SESSION / 26.04.2025

HALL - 2 / SESSION - 2

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 12:30-14:30

**HEAD OF SESSION: Assist. Prof. dr. Funda ÖZDEMİR DEĞİRMENCİ**

Authors	Affiliation	Presentation title
Gülay Özkan	<i>Nottingham Trent University</i>	Embracing circularity: transforming agriculture through sustainable practices
Levent Yazıcı Muhammed Batuhan Erbay	<i>Yozgat Bozok University</i>	The effect of organic fertilizer use on yield and quality in field
Mehmet Ali Kargıcak Sebahattin Yılmaz	<i>Fig Research Institute Directorate</i>	Geographically indicated figs of Türkiye
Mehmet Ali Kargıcak	<i>Fig Research Institute Directorate</i>	The effects of iba and ostiol stimulation treatments on parthenocarpic fruit formation in “sarilop” and “bursa siyahi” fig ( <i>Ficus carica</i> ) cultivars
Emrullah Culpan Burhan Arslan	<i>Tekirdağ Namık Kemal University</i>	The effects of seed size on germination and seedling growth of safflower
H. Güran Ünal	<i>Kastamonu University</i>	An evaluation on Kastamonu garlic
Tuba Batur Zübeyde Filiz Arslan	<i>Düzce University</i>	Studies on the effect of allelopathic plants to weeds in Türkiye
Seydanur Sevim Kavunluk Taki Karslı	<i>Eskisehir Osmangazi University</i>	Determination of hsp90aa1 gene polymorphism in Ile de France x Anatolian Merino crossbred sheep
Ayşenur İşbilen Zübeyde Filiz Arslan	<i>Düzce University</i>	A harmless method in agricultural production: Allelopathy
Osman İnanç Güney Levent Sangün	<i>Çukurova University</i>	A study on social determinants of food consumption behavior
Osman İnanç Güney Levent Sangün	<i>Çukurova University</i>	Online food purchasing trends in turkey after the pandemic: an evaluation based on socio-demographic factors

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# ONLINE SESSION / 26.04.2025

HALL - 3 / SESSION - 2

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 12:30-14:30

**HEAD OF SESSION: Assoc. Prof. Dr. Ertuğrul KUL**

Authors	Affiliation	Presentation title
Youssef Arif Mohamed Bouhrim Ahmed Arif Mustapha Boulghallat Fatiha Chigr Ahmed Ait Chaoui	<i>Sulatan Moulay Slimane University</i>	Molecular docking analysis of bioactive compounds from asparagus officinalis reveals potential antidiabetic interactions with human proteins
El Hassania El Hamzaoui Mohamed El Baghdadi Maria El Harram Ayoub Outaleb Jamilia Zouhri Atika Mouaddine Abdessamad Hilali Hind Elhamzaoui	<i>Sultan Moulay Slimane University</i>	Assessment of trace element pollution and potential health hazards in agricultural soils of the beni moussa sub-perimeter, Morocco
Arockia Allfer Nathan T. R. Poorani	<i>Rajalakshmi Engineering College</i>	Evaluation on the therapeutic efficacy of green synthesised copper oxide nanoparticles from gracilaria sp
Margaret Toluwalope Omoleye Fiyinfoluwa Tijesunimi Laoye Bobinihi Maria Olufunke Yetunde O. Oladigbolu Samuel Abiodun Ayanwale Amos Adegbala	<i>Cocoa Research Institute of Nigeria,</i>	Precision agriculture: a possible bedrock on which Nigeria past glory in cashew production can be rebuilt/restored
Bellil Zahra Meyer Sylvain Tilloy Valentin Bellil Dassine Mairi Assia De Champs Christophe Barraud Olivier Touati Abdelaziz	<i>Université de Bejaia</i>	Occurrence and characterization of antibiotic-resistant <i>Salmonella</i> isolates from fresh produce in agricultural environments
Alireza Mohammadi Sheyda Hosseinzadeh Amin Abbasi	<i>Tarbiat Modares University</i>	Different protein hydrolysates derived from animal and plant sources: an overview on their nutraceutical properties
Amrouche Zoheir Fauconnier Marie-Laure Laribi Habchi Hassiba	<i>University of Khemis Miliana</i>	Biological activity & Bioactive molecules of Essential Oil: <i>Origanum vulgare</i> , <i>Rosmarinus officinalis</i> from Algerian region
Paul Abiodun Babarinde Adetunji Olusegun Adeyinka Amao Oyetoun Dunmola Aishatu Shettima Atibioko Oluwatoyin Adeola Adetoro Gbenga Opeyemi Owolabi Gbenga	<i>Nigeria stored products Research Institute</i>	Economic analysis of oil palm fruits marketing among women in edo state, Nigeria
Fouzia Benoudjit Amina Sebhi Samia Medjdouba Hania Guechetouli Lyliia Naili	<i>M'hamed Bougara University</i>	Comparative investigation of volatile oils extracted from two cupressus species
Jegede, R.O. Coker, A.A.A. Baba, K. M. Ojo, A. O.	<i>Federal University of Technology</i>	Trends and growth rates in fish import and export in Nigeria for the period 1970 – 2022

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# ONLINE SESSION / 26.04.2025

HALL - 4 / SESSION - 2

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 12:30-14:30

**HEAD OF SESSION: Dr. Ayşe ÇANDAR**

Authors	Affiliation	Presentation title
G.A. Ubandoma B.A. Sule S. Abubakar K.C. Baba D.H. Yakubu A. Bello	<i>Ibrahim Badamasi Babangida University Lapai</i>	Assessment of climate change effects and adaptation practices among cereals crop farmers in bwari area council fct, Abuja, Nigeria
M. Thenmozhi	<i>School of Sciences - Life Sciences</i>	Investigation of extraction method and physicochemical properties of emilia sonchifolia
Ariona Lubishtani Blerona Gavazi Miribane Dërmaku-Sopjani Arleta Rifati-Nixha	<i>University of Prishtina</i>	Analysis of organic molecules and physicochemical parameters as indicators of authenticity and quality of acacia honey samples
Alejna Rashiti Malsore Hysenaj Arleta Rifati-Nixha	<i>University of Prishtina</i>	Evaluation of fruit juice quality through chemical and physical analysis
Aliyu Nana Aisha Ado A. Datti Kazeem Ibraheem Ajadi Bakare Abdulakeem Oyesode Olotu Johu Suleiman Zuleihat Ozohu	<i>Ahmadu Bello University Zaria</i>	Heavy metal removal from textile effluent using activated carbon prepared from coconut shell-orange peel
Salma Makdouf Karima El Bouqdaoui Abdelhakim El Makssoudi Mounia Cherki	<i>University Hassan II</i>	Study of the chemical composition of <i>Fumaria parviflora</i> from three regions of Morocco
Soumaya Atouife Jamila Elbiyad Halima Belaoufi Abdellah El Habazi Rekia Belahsen	<i>Chouaïb Doukkali University</i>	Awareness and understanding of organic food among the Moroccan population
Yakubu Ibrahim Usman Ahmed Usman	<i>Yobe State University</i>	A spatial attention-enhanced CNN for early detection of NPK deficiencies in rice crops
Adeboye, Muhammed Mustapha. Manga, Shaibu Bala. Maryam Lamin Riskuwa-Shehu. Asiya Umar Imam	<i>Confluence University of Science and Technology</i>	Plasmid curing potential of nigella sativa on multidrug resistant <i>Staphylococcus Aureus</i>

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# ONLINE SESSION / 26.04.2025

HALL - 5 / SESSION - 2

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 12:30-14:30

**HEAD OF SESSION: Assoc. Prof. Dr. Hakan KIR**

Authors	Affiliation	Presentation title
Mohammad Mehdi Pakdel Zahra Tahmasebi Sarvestani Mohammad Amini Feridun Esmailzadeh	<i>Shiraz University</i>	Simulation and evaluation of the impact of removing carbon dioxide and water from the top gas fuel stream exiting the top gas scrubber in midrex unit of the gohar zamin mining and industrial company
Zahra Tahmasebi Sarvestani Mohammad Mehdi Pakdel Mohsen Khojasteh Nezhad Kazem Askarifar Feridun Esmailzadeh	<i>Shiraz University</i>	Substitution of beach well intake technology for open intake technology as seawater intake for reverse osmosis desalination plant
Yakubu Ibrahim Usman Ahmed Usman	<i>Yobe State University</i>	A spatial attention-enhanced cnn for early detection of NPK deficiencies in rice crops
Alireza Mohammadi Sheyda Hosseinzadeh Amin Abbasi	<i>Tarbiat Modares University</i>	Different Protein hydrolysates derived from animal and plant sources: an overview on their nutraceutical properties
Babayemi, A.W, G. I. Onwuka, Musa Abdulrahman Sumayya Jibril B. Shehu	<i>Kebbi State University Of Science And Technology</i>	Price volatility of rice production in Nigeria (an appraisal of rice production In Kebbi state)
Okoro, John Chukwuma Adeniyi, Praise Ifeoluwa	<i>University of Nigeria</i>	Adaptation strategies to fuel subsidy removal among farmers In Nsukka agricultural zone, Enugu State, Nigeria
Udoye, Charles Ekene Ezeogu Chisimdi Franklin	<i>University of Nigeria</i>	Crop farmers' knowledge of e-banking in enugu east senatorial zone of Enugu State, Nigeria
Heni Radiani Arifin Tri Yuliana Yana Cahyana Ali Wangsa Jayakusuma	<i>Universitas Padjadjaran</i>	Enhance the properties of rice paper by incorporating citronella essential oil ( <i>Cymbopogon nardus</i> (L.) Rendle)
Mohsin Raza Muhammad Ali Imran	<i>Department of Agricultural Management and Entrepreneurship Development</i>	Investigating young consumers attitudes towards food waste reduction: key insights and lessons learned

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# ONLINE SESSION / 26.04.2025

HALL - 1 / SESSION - 3

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 15:00-17:00

**HEAD OF SESSION: Assoc. Prof. Dr. Selma BOYACI**

Authors	Affiliation	Presentation title
Turan Yaman	<i>Van Yuzuncu Yil University</i>	Pathological findings of lamb mortality due to high dose drug usage
Murat Uztimür	<i>Bingöl University</i>	Evaluation of the relationship between blood ph, anion gap and blood electrolyte concentration in calves with hypoglycemic diarrhea
Mehmet Öncü Mustafa Kan Asli Akilli	<i>Kırşehir Ahi Evran University</i>	Factors affecting consumer' green product preferences: the case of Kırşehir province
Yusuf Yanar Mevlüde Beyza Bayhan	<i>Tokat Gaziosmanpaşa University</i>	In vitro compatibility of the entomopathogenic fungi <i>Beauveria bassiana</i> (bals.) vuill. and <i>Metarhizium brunneum</i> with different fungicides
Aysun Cavusoglu Mehmet Erhan Göre	<i>Kocaeli University</i>	A critical review of symptomatology and isolation techniques of <i>Alternaria</i> spp. in solanaceous crops
Saber Delpasand Khabbazi	<i>Yozgat Bozok University</i>	Microsatellite analysis of the clpp gene in cannabis sativa plant
Sabri Yurtseven Özlem Durğun Veysel Gökmen	<i>Harran University</i>	A study on the effectiveness of modifications in reducing anti-nutritional factors in barley
Mustafa Kan Bülent Gülçubuk	<i>Kırşehir Ahi Evran University</i>	New era in rural development in Türkiye: Digitalisation
Miray Kalaycı	<i>Akdeniz University</i>	The relationship between cultural routes and rural development in Türkiye
Ömer Aydoğmuş Levent Yazici	<i>Yozgat Bozok University</i>	The effect of seed coating application on yield and quality in field crops
İlbilge Oğuz N. Ebru Kafkas Salih Kafkas	<i>Cukurova University</i>	A review of genomic breeding strategies in the case of strawberry yield and fruit quality traits

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# ONLINE SESSION / 26.04.2025

HALL - 2 / SESSION - 3

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 15:00-17:00

**HEAD OF SESSION: Prof. Dr. Meral AYDENİZÖZ**

Authors	Affiliation	Presentation title
Levent Sangün Osman İnanç Güney	<i>Çukurova University</i>	A comparative analysis of the relationship between social media use and food purchasing and consumption based on demographic characteristics
Şenol Köse	<i>Van Yüzüncü Yıl University</i>	Microplastic contamination in food and its effects on human health
Levent Sangün Osman İnanç Güney	<i>Çukurova University</i>	Consumer's food consumption preferences and concerns during the covid-19 period
Yusuf Yanar Mevlûde Beyza Bayhan	<i>Tokat Gaziosmanpaşa University</i>	In vitro compatibility of the entomopathogenic fungi <i>beauveria bassiana</i> (Bals.) Vuill. And <i>Metarhizium Bruneumu</i> with different fungicides
Yağmur Kaya Rasim Koçyiğit	<i>Tokat Gaziosmanpaşa University</i>	The effect of use of phosphorus fertilizers with organic materials on the phosphorus content of corn plant growing in different soils ph
Mehmet Başbağ Erdal Çaçan	<i>Bingöl University</i>	Evaluation of some cota species in terms of herbage quality characteristics
Çiğdem Özkan Kahraman Ayşe Çandar	<i>Kırşehir Ahi Evran University</i>	Research on the effect of some biofungicides on plant virus diseases
Ayşe Çandar	<i>Kırşehir Ahi Evran University</i>	Phytopathological problems observed in tomato plants in Kırşehir Ahi Evran University r'd greenhouse during the cultivation season
Müberra Erdoğan Karaağaçlı Mehmet Murat Cömert	<i>Tokat Gaziosmanpaşa University</i>	Determination of solar radiation variation in some central black sea region provinces by şen's innovative and mann-kendall methods
Caner Kövmen Hilal Erdoğan	<i>Bursa Uludağ University</i>	Balers in the transformation of agriculture: a historical review from past to present
Meral Aydenizöz	<i>Kırıkkale University</i>	A general overview of the stinger structure and poison secretion in honeybees

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# ONLINE SESSION / 26.04.2025

HALL - 3 / SESSION - 3

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 15:00-17:00

**HEAD OF SESSION: Assist. Prof. Dr. Ömer ERTUĞRUL**

Authors	Affiliation	Presentation title
Khadija Syed Irfan Ahamd Baig Mubashir Mehdi	<i>MNS-University of Agriculture</i>	Determinants of compliance behavior of farmers towards agricultural taxation in Punjab
Hamza Belkhodja Abderrahmane Remil Fatima Zohra Labbaci Djilali Bouhadi Asmaa Belmimoun Khadidja Sidelarbi	<i>University of Mustapha Stambouli</i>	Evaluation of the anti-inflammatory and anti-hemolytic potential of polyphenolic components of common mallow ( <i>Malva sylvestris</i> )
Hussaini, A. S. Oladimeji, Y. U Sani, A. A Umar, M Udeh, B. E	<i>Ahamdu Bello University</i>	Effects of fuel subsidy removal on price trend of staple food crops in kaduna Municipal, Nigeria
Subhashish Dey	<i>Gudlavalleru Engineering College</i>	Analysis and design of G + 5 floors apartment building
Mohammed Cheurfa Abdallah Noui	<i>University of Djillali</i>	In vitro antioxidant and antibacterial effect of <i>Thymus hirtus</i> subsp. <i>algeriensis</i> (Boiss. & Reut.) leaves extracts.
Alexander Idoko Parker Joshua Elijah Njoku Obioma Uzoma	<i>Caritas University Enugu</i>	Assessments of phytopharmaceuticals with therapeutic potentials in health management
Hebat-Allah S. Tohamy	<i>National Research Centre</i>	Novel intelligent naked-eye food packaging ph-sensitive and fluorescent sulfur, nitrogen-carbon dots biosensors for tomato spoilage detection including DFT and molecular docking characterization
Salami Mercy Funke Akinola Abdulbaaki Bolaji Adepoju Rukayat Adekemi Onuche Sandra Ikoojo	<i>University of Ilorin</i>	Waste to wealth: insights from the cassava peel value chain management in Southwestern Nigeria
AJIWE, S.T. ILUYEMI, C. A., OBISESAN, B. A. AFOLABI, I.D.	<i>Ajayi Crowther University</i>	Fusarium wilt of A tomato: A review

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# ONLINE SESSION / 26.04.2025

HALL - 4 / SESSION - 3

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 15:00-17:00

**HEAD OF SESSION: Assist. Prof. Dr. Sebahattin YILMAZ**

Authors	Affiliation	Presentation title
BOUKHALFA Hassina Hafida BENOUAMANE Ourida FAFI Amira	<i>University Mohamed Khider of Biskra</i>	Nutritional value of some rare varieties of dates from Southern Algeria
Dio Samudra	<i>UIN KH. Abdurrahman Wahid</i>	Contemporary approaches in animal breeding and their impact on sustainable agriculture
Mizanur Rahman	<i>Gopalganj Science and Technology University</i>	Land, water and borders: the geopolitical contest over agricultural resources in South Asia
Muhammad Tayyab	<i>University of Veterinary and Animal Sciences</i>	Recombinant DNA technology as tool for the production of poultry feed enzymes
Muhammad Faisal Anam Hameed	<i>MNS-University of Agriculture</i>	Investigating the role of <i>Bacillus Subtilis</i> biopriming to enhances salt-stress tolerance in soybean varieties
Akbar Soliemanzadeh	<i>Hormozgan Agricultural and Natural Resources Research and Education Center</i>	Silicon-Mediated mitigation of climate change impacts on wheat production in MENA: physiological and agronomic insights
Dhivya C Arunkumar R	<i>Tamil Nadu Agricultural University</i>	Youth as catalysts for agricultural transformation in the digital era
Cristina Raluca Gh. Popescu	<i>University of Bucharest</i>	Agricultural biotechnology for sustainable development goals: a holistic approach for ecosystem restoration, environmental conservation, and sustainable resource management
Aman Ullah Malik	The University of Faisalabad	Mango Industry Development in Pakistan Through Research for Development Approach
Satish Kumar Singh	<i>Central University of Punjab</i>	A critical analysis of the role of women in agriculture and animal welfare in relation to the sustainability of rural food systems

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# ONLINE SESSION / 26.04.2025

HALL - 5 / SESSION - 3

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 15:00-17:00

**HEAD OF SESSION: Assist. Prof. Dr. Hayriye Didem SAĞLAM ALTINKÖY**

Authors	Affiliation	Presentation title
Rotimi-Williams Bello Pius A. Owolawi Chunling Tu Etienne A. van Wyk Mojisola Aboosedo Oladipo	<i>Tshwane University of Technology</i>	Real-Time plant pest monitoring in agrivoltaic farms using deep learning-based pest image generation models for sustainable pest management
Fahima NABI Meriem CHEBAANI Lamia BOUDELLA Mohamed Zadi et Dahbia KECHAD	<i>Université Dr Yahia Farès de Médéa</i>	Effect of green and hay alfalfa on milk quality and quantity
Rimsha Zaheer Mubashir Mehndi	<i>University of Agriculture</i>	Social capital and entrepreneurial intentions among women farmers in Punjab, Pakistan
Sándor Földvári	<i>Debrecen University</i>	Potatoes, pepper, lamb, tomato: Türkiye components of hungarian gastronomy as parts of the multicultural heritage
Anas Hamdani Rachid Razouk Said Bouda Atman Adiba	<i>National Institute of Agricultural Research</i>	Agro-physiological and biochemical responses of the 'Angelino' cultivar ( <i>Prunus salicina L</i> ) under conditions of drought and heat stress
Izuogu, C.U Okonwe, P.N Njoku, L.C Olaolu, M.O Ibrahim-Olesin, S Umeh, N.E Agou, G.D Iroegbu, S.C	<i>Alex Ekwueme Federal University</i>	Access and use of information and communication technology among rice farmers in ishielu, Ebonyi State, Nigeria
Shahid Adeel Shumaila Kiran Muhammad Aamir Muhammad Kamran Farwa Khalid	<i>Government College University Faisalabad</i>	Dyeing of cotton with reactive dyes using microwave treatments
Oladimeji, Y. U Hussaini, A. S. Magaji, B. D. Suleiman, R. Owolabi, M, O. Abdulrahman, S. Tijjani, H.	<i>Ahamdu Bello University</i>	Emergency of wheat production among small-scale farmers and its effect on poverty reduction in Jigawa State, Nigeria
Satish Kumar Singh	<i>Central University of Punjab</i>	The legal dimensions of food security in the context of agricultural development policy: a critical analysis of regulatory approaches and governance mechanisms

(All speakers required to be connected to the session 10 min before the session starts)

Moderator is responsible for ensuring the smooth running of the presentation, managing the group discussion and dynamics.

# ONLINE SESSION / 27.04.2025

HALL - 1 / SESSION - 1

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 10:00-12:00

**HEAD OF SESSION: Prof. Dr. Pınar AYVAZOĞLU DEMİR**

Authors	Affiliation	Presentation title
Büşra Görgülü Yeşim Sıla Tekin Hande Eser Seda Kaçar Serkan Benli Ahmet Cemil Eken	<i>Central Anatolian Chemical Industry Production Marketing Inc.</i>	Environmentally sustainable pest management strategies against <i>Frankliniella occidentalis</i> (western flower thrips)
Çiğdem Ürer Halil Özcan Özdemir	<i>Kırşehir Ahi Evran University</i>	Evaluation of Kırşehir province Mucur district 2024 agriculture and livestock supports
Şerife Nur Ekici Kadir Saltalı Bedriye Bilir Ömer Faruk Demir	<i>Kahramanmaraş Sütçü İmam University</i>	Effect of raw phosphate and elemental sulfur applications on available phosphorus content of soils
Seray Bilir Ali Yiğit	<i>Aydın Adnan Menderes University</i>	Impacts of drought stress on bread making quality of wheat: a review
Oktay Yavuz Ali Yiğit Osman Ereku	<i>Aydın Adnan Menderes University</i>	Current situation, problems and development potential of maize cultivation in the aegean region
Emre Akbulut Selçuk Arslan	<i>Bursa Uludağ University</i>	Sensor technologies and control structures in hydroponic systems
Filiz Haykir Halil Özcan Özdemir	<i>Kırşehir Ahi Evran University</i>	A study on the use of canned and frozen agricultural products
Murat Özocak A. İlker Esin	<i>İstanbul University – Cerrahpaşa</i>	Determining the manageability of irrigation systems with lora communication technologies in greenhouses
Pınar Ayvazoğlu Demir	<i>Kırıkkale University</i>	Risk perception in livestock production
Özcan Ateş Selçuk Arslan	<i>Bursa Uludağ University</i>	A structurally reinforced vineyard post design suitable for mass production by roll forming line

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# ONLINE SESSION / 27.04.2025

HALL - 2 / SESSION - 1

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 10:00-12:00

**HEAD OF SESSION: Assoc. Prof. Dr. Koray KIRIKÇI**

Authors	Affiliation	Presentation title
Osman Albayrak Alper Güngör	<i>Kırşehir Ahi Evran University</i>	Effect of mycorrhizal inoculation of aspir ( <i>Carthamus tinctorius</i> L.) seeds on germination under different irrigation water salinity conditions
Alper Güngör	<i>Kırşehir Ahi Evran University</i>	Effect of growth regulators on the leaf morphology of spinach ( <i>Spinacia oleracea</i> L.) grown under salt stress
Neslihan Yonca Şatir Erkan Işık	<i>Van Agricultural Research Institute-Soil and Water Resource</i>	Negative effects of incorrect storage and application of barn manure
Mehmet İlhan Odabaşoğlu Mehmet Koç	<i>Adıyaman University</i>	Drought tolerance mechanism in commonly used grapevine rootstocks
Selin Taşyonar Nur Okur	<i>Ege University</i>	Effect of microplastic pollution on physico-chemical and microbiological properties of soil
Tuğçe Varazlı Yavuz Gamze Bayram	<i>Tokat Gaziosmanpaşa University</i>	Determination of herbage yield and quality characteristics of some soybean varieties in main crop conditions under Tokat conditions
Hüseyin Çayan Kadir Çakır	<i>Kırşehir Ahi Evran University</i>	The use of black cumin seed in poultry nutrition
Ahu Alev ABACIBAYAR Ashı AKILLI	<i>Kırşehir Ahi Evran University</i>	Assessment of soil quality in vineyard areas using a fuzzy logic-based decision support system: a case study from Kırşehir
Kenan Çiftçi Mustafa Terin Melike Ceylan İbrahim Yıldırım	<i>Van Yüzcüncü Yıl University</i>	Analysis of milk marketing preferences of dairy cattle producers in van province by analytical hierarchy process
Asel Amanova Tair Esenali Uulu	<i>Kırgızistan-Türkiye Manas University</i>	Fall armyworm ( <i>Spodoptera frugiperda</i> ) in central Asia: an emerging threat
Ahmet Cengiz Yıldırım Havva Eylem Polat	<i>Ankara University</i>	Spatial analysis of Konya-Cihanbeyli livestock enterprises and determination of environmental pollution potential

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# ONLINE SESSION / 27.04.2025

HALL - 3 / SESSION - 1

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 10:00-12:00

## HEAD OF SESSION: Assoc. Prof. Dr. Gökhan FİLİK

Authors	Affiliation	Presentation title
Ayoub LAMTITA Bahija MOUNIR Fathallaah BAZI	<i>Hassan II University of Casablanca</i>	Nouveaux catalyseurs stables et régénérables à base de Schistes bitumineux marocains pour la réaction de protection des aldéhydes
Chourouk Nebatti Chergui Nadjia Saidi Ouahrani	<i>University of Science and Technology of Oran</i>	Earthworms biodiversity in agricultural fields in Temouchent (Western Algeria)
Mohcin Elkhatir Ismail Louragli Abdechahid Loukili Youssef Aboussaleh	<i>Ibn Tofail University</i>	Relationship between Organic food consumption and attention performance in a sample of Moroccan primary school students from Khemisset
Afaq Ahmad Samir Al Busaidi Wadhah Al Mandhari Hothefa Shaker	<i>Sultan Qaboos University</i>	Productive and effectively sustainable agriculture through Ai
Aicha ROSSAFI Sana EL MOUTAOUAKIL Soukaina NJILI Mohamed ROSSAFI Mohammed OUHSSINE	<i>Faculty of Sciences. B.P</i>	The conduit of the chia ( <i>Salvia Hispanica</i> ) growth cycle duration by varying sowing date In North Morocco
Sana EL MOUTAOUAKIL Aicha ROSSAFI Nabil SBAI Youssef EL MADHI Mohammed OUHSSINE Fathalah ELWAHAB	<i>Ibn Tofail University</i>	Factors influencing strawberry flavor: the role of variety and ripeness
El Hassania EL HAMZAOUI Mohamed EL BAGHDADI Abdessamad HILALI Atika MOUADDINE Hind ELHAMZAOUI	<i>Sultan Moulay Slimane University</i>	Assessment of trace element pollution and potential health hazards in agricultural soils of the beni moussa sub-perimeter, Morocco
Mohanapriya. P Chamundeeswari. M	<i>St. Joseph's College of Engineering</i>	Microplastics in agricultural soil- a growing ecological challenge
Sejal Porwal Rishabha Malviya	<i>Galgotias University</i>	Enhancing food safety and sustainability: ai-powered innovations in smart packaging
Muhammad Rizwan Muhammad Ali Imran Mohsin Raza Ayesha Sarwar	<i>MNS University of Agriculture</i>	Economic analysis of potato production through contract farming In Multan

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# ONLINE SESSION / 27.04.2025

HALL - 4 / SESSION - 1

ZOOM ID: 833 1287 1999 / PASSCODE: 252627

Ankara Local Time: 10:00-12:00

## HEAD OF SESSION: Prof. Dr. Mustafa KAN

Authors	Affiliation	Presentation title
Rimsha Arooj Muhammad Haseeb Raza Mubashir Mehdi Muhammad Sibte-Abbas Shoab Akhtar Muhammad Faisal	<i>MNS University of Agriculture,</i>	Appraising food waste reduction behavior in university students: an application of extended norm activation model
Umair Sultan Alamgir Akhtar Khan	<i>Muhammad Nawaz Shareef University of Agriculture</i>	A synergistic modeling and experimental approach for self-propelled seeders design
Sadiq, M.S. Singh, I.P Ahmad, M.M. Buhari, B. Sani, B.S. Zakari, F.S.	<i>Department of Agricultural Economics and Agribusiness</i>	Output supply and inputs demand elasticities of small-scale onion production in nigeria's kano state
Sara Shokrpour Sakineh Khanamani Falahatipour Zahra Harsini	<i>University of Tehran</i>	Basal cell carcinoma in a rabbit
Mohammad Hossein Banakar Amir Parnian Mohammad Javad Babaie Zarch Rostam Yazdani Biuki	<i>National Salinity Research Center</i>	The feasibility study of replacing Haloxylon with Nitrebush in desertification operations
Minahil Tanveer Sami Ullah	<i>MNS-University Of Agriculture,</i>	Exploring the relation between farm size and technical efficiency in Pakistan: a directional distance function approach
Daniela Trifan Alexandre Moreau Marian Brăilă Victoria Amelia Anghel Nicoleta Axinti Vlad Dumitru Mihăilă	<i>Agricultural Research and Development Station of Braila,</i>	Research on the influence of foliar clean fertilizers applied to maize and sunflowers under current climate change conditions
Zainab Khan Sami Ullah	<i>Muhammad Nawaz University of Agriculture</i>	Impact of farm services and agronomic practices on cotton yield
Beckley IKHAJIAGBE	<i>University of Benin</i>	Safe science in the age of biotech advancements and ai: imperatives for effective biorisk management
AMROUCHE Zoheir El Hadi Djamel Laribi Habchi Hassiba	<i>University of Khemis Miliana</i>	Valorization of a whey by-product and research into lactic acid bacteria isolated from whey

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# ONLINE SESSION / 27.04.2025

HALL - 5 / SESSION - 1

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 10:00-12:00

**HEAD OF SESSION: Assoc. Prof. Dr. Hakan KIR**

Authors	Affiliation	Presentation title
Nermin Yarařır Ali Yiđit Osman Erekul	<i>Aydın Adnan Menderes University</i>	Changes in some quality characteristics of soybean ( <i>Glycine max. L. Merr</i> ) under full and deficit irrigation
Sinem Zere Tařkın Fikret Yönter Uđur Bilgili	<i>Bursa Uludađ University</i>	Effects of different nitrogen doses on forage yield and yield components in sweet sorghum [ <i>sorghum bicolor var. Saccharatum (L.) Moench</i> ] genotypes
Berat Ceylan Zeynep Ünal	<i>Ömer Halis Demir University</i>	Effectiveness of yolo algorithm model in agricultural applications
Arif Çam Mehmet Metin Özgüven	<i>Çukurova University</i>	Machine learning applications in agriculture
Ismail Terzi Mehmet Metin Özgüven	<i>Çukurova University</i>	The latest point in ampelography: digital ampelography
Muhammad Zulqarnain Uđur Bilgili	<i>Bursa Uludag University</i>	Promoting sustainable agriculture practices through wheat-pea intercropping: determining ideal ratios and harvest stages for enhanced yield
Fahredden Ataman Engin Takil Nihal Kayan	<i>Eskiřehir Osmangazi University</i>	Determination of the effect of amino acid application on some morphological characteristics in beans ( <i>Phaseolus vulgaris L.</i> ) applied with different doses of herbicide
Dilara Aslan Bakkalbaři	<i>Van Yüzüncü Yıl University</i>	Buckwheat: its origin, composition and health importance
Dilara Aslan Bakkalbaři İsa Cavidođlu	<i>Van Yüzüncü Yıl University</i>	Total phenolic content and antioxidant activity of pomegranate seed pomace

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# ONLINE SESSION / 27.04.2025

HALL - 6/ SESSION - 1

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 10:00-12:00

## HEAD OF SESSION: Dr. Ayşe ÇANDAR

Authors	Affiliation	Presentation title
Saikal BOBUSHOVA	<i>Kyrgyz Turkish University Manas</i>	Vegetable seed diseases in Kyrgyzstan and their control
Abdulwaheed Adeyemi Bello	<i>College of Agriculture,</i>	Water consumption pattern of konkan kanyal goats fed finger millet straw supplemented with varying levels of dried poultry dropping based diets
"Miqdad Raza Asghar Ali,"	<i>University of Agriculture,</i>	Economic returns of rabi crops in Punjab: strategies for enhancing farm income
Ananya Khatun,	<i>Hajee Mohammad Danesh Science and Technology University,</i>	Influence of on-tree nutrient sprays and bagging on the quality and postharvest physiology of mango cv. amrapali under ambient conditions
Ghanshyam Barman	<i>Vidhyadeep University,</i>	Engineering the future of farming: chemical innovations for sustainable agriculture
"Sadiq, Mohammed Sanusi Grema, Isiyaku Jawa"	<i>Department of Agricultural Economics and Agribusiness,</i>	The role of neazdp on social mobility of poverty in yobe state of Nigeria
"Saba Shaheen Rakshanda Kousar Javaria Nasir Aqeela Saghir"	<i>University of agriculture,</i>	Impacts of climate change on citrus production in district Sargodha
"Chokri BAYOUDH Malek BEN ALI Afifa MAJDOUB Taoufik BETTAIEB "	<i>Regional Research Centre on Horticulture and Organic Agriculture</i>	Study of in vitro propagation and selection for salt tolerance of local Opuntia cactus
"Mohsin Raza Irfan Ahmad Baig Umar Ijaz Ahmed"	<i>Muhammad Nawaz University of Agriculture Multan</i>	Role of social support for sustainable rural food security in covid-19 pandemic
"Hasan Zulfiqar Neelam Rana"	<i>University of Agriculture Faisalabad,</i>	The linkage between living standard of small farmer and agricultural poverty in rural Punjab, Pakistan

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# ONLINE SESSION / 27.04.2025

HALL - 1 / SESSION - 2

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 12:30-14:30

**HEAD OF SESSION: Assoc. Prof. Dr. Ertuğrul KUL**

Authors	Affiliation	Presentation title
Ramazan Beyaz Başar Altuntaş Merve Meşe	<i>Kırşehir Ahi Evran University</i>	Determining the attitudes of young consumers towards genetically modified organism (GMO) products: the case of Ahi Evran University in Kırşehir
Nurten Iştar Ahmet Kinay	<i>Tokat Gaziosmanpaşa University</i>	Performance of some anise genotypes under Tokat ecological conditions
Efe Berkay Serçe Zeynep Ünal	<i>Niğde Ömer Halisdemir University</i>	Unmanned ground vehicles in smart farming: challenges and applications
Muhammed Temel Mustafa Boğa	<i>Niğde Ömer Halisdemir University</i>	Non-protein nitrogen sources in dairy cattle nutrition
Sevim Atmaca Ali Endes Bekir Aktaş	<i>Yozgat Bozok University</i>	Wilt and crown rot disease on lentil: <i>Fusarium oxysporum</i> f. sp. <i>lentis</i>
Sevim Atmaca Ali Endes Bekir Aktaş	<i>Yozgat Bozok University</i>	Methods of fighting against wilt and root disease in lentil
Sezai Gökalp Celal Kalebaş Salih Yılmaz Saadet Tosunoğlu Gamze Bayram Ebubekir Paşazade Mustafa Bozdağ	<i>Central Black Sea Transitional Zone Agricultural Research Institute</i>	Effects of row spacing and seeding rate application on seed yield and some yield components in crested wheatgrass ( <i>Agropyron cristatum</i> L. Gaertn.) In the Tokat zone of the Türkiye
Ceyhun Yücel	<i>Yozgat Bozok University</i>	Effects of bee pollen and propolis as alternative feed additives in sustainable sheep nutrition
Cihad Said Alp Ramazan Güngör Hakan Başak Alim Aydın	<i>Kırşehir Ahi Evran University</i>	Effect of solid fertilizer tea derived from biogas plants combined with reduced nutrient solution on lettuce growth in hydroponic culture
Ramazan Güngör Cihad Said Alp Hakan Başak Alim Aydın	<i>Kırşehir Ahi Evran University</i>	Determination of the effects of vermicompost and reduced nutrient solution applications on plant growth in hydroponic lettuce cultivation

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# ONLINE SESSION / 27.04.2025

HALL - 2 / SESSION - 2

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 12:30-14:30

**HEAD OF SESSION: Prof. Dr. Ahmet ŞAHİN**

Authors	Affiliation	Presentation title
Youssef Arif Mohamed Bouhrim Ahmed Arif Mustapha Boulghallat Fatiha Chigr Ahmed Ait Chaoui	<i>Sulatan Moulay Slimane University</i>	Molecular docking analysis of bioactive compounds from asparagus officinalis reveals potential antidiabetic interactions with human proteins
M. N. H. Perera P. C. D. Perera A. J. D. Perera Nilanthi Dahanayake	<i>University of Ruhuna</i>	Influence of plant growth regulators on in-vitro shoot regeneration in ginger ( <i>Zingiber officinale</i> Rosc.)
Roman Truskavetsky Zubkovska Viktoriia Khyzhniak Iryna	<i>National Scientific Center "Institute for Soil Science and Agrochemistry Research named after A. N. Sokolovsky</i>	Peatland resources of Ukraine: Problems and challenges
Ahmed Attahiru Abubakar Umar Birnin-Yauri Bashar Attahiru	<i>Kebbi State University of Science and Technology</i>	Studies on medicinal applications of tannins
Aqeela Saghir Shoukat Ali Ramsha Rashid Muhammad Usama Saeed Saima Sadaf	<i>University of Agriculture Faisalabad</i>	Exploring alternative solutions to rice growers' challenges through mixed-method approaches
LADOUALI Zeyneb BENHOULA Mohammed BOUCHEMAL Amina INOURI Ahlam MECHIAH Fahima	<i>Campus Universitaire</i>	Impact of animal nutrition on milk production efficiency in Algeria
DEGHICHE DIAB N BOUCIF A ABBAS S	<i>Mohamed Khider University</i>	Poisonous spontaneous plants as sources of traditional and modern medicines In Biskra, South Algeria-Noth Africa
MOKHNEANE Tarek ADJLANE Sabah KHIARI Reguia	<i>Scientific and Technical Research Center on Arid Regions</i>	The Role Of Agricultural Policies In Developing Livestock In Desert Areas Oued Souf (Algeria) As A Model
Saloni Sharma Suhani Sharma	<i>Manav Rachna International Institute of Research Studies</i>	Gastronomy beyond the plate: A multisensory experience
Kavindya ABEYSINGHE Mahesha MADUMALI Peliyagodage Chathura Dineth PERERA	<i>University of Ruhuna</i>	Comparative impact of monocot and dicot invasive plant species on wildlife: Assessing habitat disruptions and biodiversity loss

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# ONLINE SESSION / 27.04.2025

HALL - 3 / SESSION - 2

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 12:30-14:30

## HEAD OF SESSION: Prof. Dr. Mustafa KAN

Authors	Affiliation	Presentation title
Edita Abalikstiene Daiva Gudritiene Vilma Salkauskiene Darius Pupka	<i>Lietuvos Inzinerijos Kolegija Higher Education Institution</i>	Real-Time herd monitoring with unmanned aerial vehicles: A thermal imaging approach
Onyekwelu, Chinyere Nkemakonam Alagbu Ogochukwu Philomina	<i>Federal Polytechnic, Oko, Anambra State</i>	Evaluation of proximate and sensory properties of breakfast cereals from blends of oat, sweet potato and malted African yam bean
Tasawar Iqbal	<i>University of Agriculture</i>	Pharmacological evaluation of <i>Ficus Benghalensis</i> latex in rheumatoid arthritis management
Ali Ahmad	<i>University of Agriculture</i>	Role of horticulture in promoting environmental sustainability
Aloui Mourad Menana Elhalaoui	<i>Sidi Mohamed Ben Abdellah University</i>	Novel MX-106 hydroxyquinoline derivatives: 2D-QSAR modeling, molecular docking, molecular dynamics simulations, and admet predictions for potent selective survivin inhibitors
<i>Husnain Riaz Zarrish Rafique Ali Ahmad"</i>	<i>University of Agriculture</i>	Entrepreneurship in floriculture: Turning passion into profit
Zarrish Rafique Husnain Riaz Ali Ahmad	<i>University of Agriculture</i>	Exploring the horticultural significance of tuberose
Skender DEMAKU Arbnorë ALIU Donika SYLEJMANI Bahrije DOBRA	<i>University of Prishtina</i>	Nitrate Ion (NO <sub>3</sub> <sup>-</sup> ) levels in fruits and vegetables in the cities of prishtina and graçanica were measured using the "green test eco 5 f -anmez" equipment
Aminu Ibrahim Bello Salihu salisu	<i>Umaru Musa Yaradua University</i>	Probiotics in livestock production: Enhancing growth, immunity, and meat quality
Amel ZITOUNI Nassira GHEMBAZA Nabila BELYAGOUBI- BENHAMMOU Faiza IYAS	<i>University of Ain Temouchent</i>	Identification analysis of bioactive constituents of a medicinal plant "Sedum Villosum L" By UHPLC-DAD-HRSM.

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# ONLINE SESSION / 27.04.2025

HALL - 4 / SESSION - 2

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 12:30-14:30

**HEAD OF SESSION: Assoc. Prof. Dr. Koray KIRIKÇI**

Authors	Affiliation	Presentation title
Khalid Doumi Miloud Chakit Adil Doumi Jalal Taki Thami Hraira Driss Belghyti	<i>Ibn Tofail University</i>	First inventory of the biodiversity of aquatic macroinvertebrates of Lake Sidi Boudaroua Ouazzane, Morocco
Khalid Doumi Miloud Chakit Adil Doumi Younes Yassine Driss Belghyti	<i>Ibn Tofail University</i>	Physicochemical characterization of the water of Sidi Boudaroua Lake, Ouezzane, Morocco: towards explanation of biodiversity of lake
Ananda Majumdar	<i>University of Alberta</i>	The role of rural development in achieving the united nations sustainable development goals
Abdelilah MECHNINE Ahmed AARAB	<i>Abdelmalek Essaadi University</i>	Biotechnology and genomics study of a SARS-CoV-2 protein
Amadi Oko Amadi Nwachi_Ikpor Juliana Ogeri Onuoha Raymond Udochukwu Okpo Charles Nnanna Ibiam Nzeogu Inya Nwokocha Victory Chigozirim Patience James Oden Oruruo Ogechukwu Nsude	<i>Akanu Ibiam Federal Polytechnic Unwana-Ebonyi state</i>	5G and edge computing for real-time monitoring of soil and crop health
Khizar Ilyas Nasir Nadeem Mubashir Mehdi Abd-ur-Rehman	<i>Muhammad Nawaz University of Agriculture Multan</i>	Consumer preferences and willingness to pay for value-added fish products In Muzafargarh
Nabiha Arshad Irfan Ahmad Baig Umar Ijaz Ahmed Muhammad Ali Imran	<i>Muhammad Nawaz University of Agriculture</i>	Assessing farmers' willingness to adopt and future demand for hybrid wheat varieties in Punjab, Pakistan
C.Vijai V. Uma Maheswari	<i>Institute of Science and Technology</i>	Smart farming using iot and ai for precision agriculture
C.Vijai Sindhuja S	<i>Institute of Science and Technology</i>	Adoption of sustainable agricultural practices and their impact on food security

(All speakers required to be connected to the session 10 min before the session starts)

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# ONLINE SESSION / 27.04.2025

HALL - 5 / SESSION - 2

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 12:30-14:30

**HEAD OF SESSION: Prof. Dr. Yaşar ERTÜRK**

Authors	Affiliation	Presentation title
Shahid Adeel Tahsin Gulzar Huma Hira Rehman Mehboob Afzal Esha Zia	<i>Government College University Faisalabad</i>	Microwave assisted dyeing of cotton fabric using reactive green 6 dye
Felicia KING-AGBOTO Chizoma Catherine OKPARA	<i>Captain Elechi-Amadi Polytechnic</i>	Analyzing student performance in continuous assessment through the application of artificial intelligence driven tools among higher insitutions in rivers state
Latefa SAIL	<i>Aboubekr Belkaid University</i>	Different modes of plant extraction and their use as corrosion inhibitors
Rostam Yazdani Biouki Hossein Kari Dolatabad Mohammad Hossein Banakar Hossein Beyrami Amir Parnian	<i>National Salinity Research Center</i>	Fungal biostimulants improve growth and salinity stress tolerance in licorice: A focus on <i>Trichoderma Harzianum</i> and <i>Epicoccum Nigrum</i>
Rostam Yazdani Biouki Mohammad Hadi Rad Hossein Beyrami Amir Parnian Vali Soltani Gardfaramarzi	<i>National Salinity Research Center</i>	<i>Licorice</i> farming in challenging environments: sustainable methods for saline regions
Rostam Yazdani Biouki Mohammad Hadi Rad	<i>National Salinity Research Center</i>	Constraints, capacities, and strategies for developing the cultivation of medicinal plants using saline water and soil resources
M.K. Atouailaa A. Arif M. Boulghallat M. El idrissi	<i>Sultan Moulay Slimane University</i>	Computational investigation of photovoltaic energy in agriculture: DFT/TD-DFT investigations
Mzia Kokhia Oleg Gorgadze David Nebieridze Manana Lortkipanidze Madona Kuchava	<i>Ilia State University</i>	Soil invertebrate role in the forest litter decomposition

(All speakers required to be connected to the session 10 min before the session starts)

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# ONLINE SESSION / 27.04.2025

HALL - 6 / SESSION - 2

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 12:30-14:30

**HEAD OF SESSION: Assist. Prof. Dr. Funda ÖZDEMİR DEĞİRMENÇİ**

Authors	Affiliation	Presentation title
József Horváth András Tóth Ádám Varga Nguyễn Ngọc Quyên Türker Bodur Hüseyin Sevgili Tamás Müller	<i>Hungarian University of Agriculture and Life Sciences,</i>	Induced fish propagation method development in African Catfish ( <i>clarias gariepinus</i> ) (preliminary results)
Muhammad Imran	<i>Government College University</i>	Health benefits and nutritional composition of green peas
Qaiser Javed Mohammed Bouhadi Danko Cvitan Nikola Major Smiljana Goreta Ban Dean Ban Marko Černe	<i>Institute of Agriculture and Tourism,</i>	Bioconversion of olive mill residues: composting performance and environmental benefits
Mohammed Bouhadi Qaiser Javed Tvrtko Karlo Kovačević Mirela Uzelac Božac Danijela Poljuha Nikola Major Smiljana Goreta Ban Dean Ban David Heath Marko Černe	<i>Institute of Agriculture and Tourism,</i>	Genotoxic, morpho-physiological, and biochemical impacts of olive pomace on broad bean plant
Pooja Kapoor Pooja Joshi Vipin Parkash Manoj Pal	<i>(Deemed to be University),</i>	Screening of rhizospheric actinobacteria from pine forest, chakrata, uttarakhand for plant growth promotion and fungal pathogen biocontrol potential
ZOUBIR Souad ILIAS Faiza ZITOUNI Amel	<i>University of Ain Temouchent</i>	Scale insect infestation in citrus orchards: A case study from ain témouchent
BENHOULA Mohammed MECHIAH Fahima LADOUALI Zeyneb INOURI Ahlam BOUCHEMAL Amina MAGHLAOUI Zobeida BOUCHERBA Nawel MADI Nassim	<i>Campus Universitaire</i>	Pesticides and the global economy: agricultural and environmental challenges and sustainable perspectives
A. MEZERKET M.HAMMACHE C.CANTALAPIEDRA- NAVARRETE P.CASTILLO J.E. PALOMARES-RIUS	<i>Ecole Normale Supérieure</i>	Molecular analysis of cyst nematode species in the main potato production areas of Blida province, Northern Algeria
Soukaina NJILI Aicha ROSSAFI Mohammed OUHSSINE	<i>Laboratory of Natural Resources and Sustainable Development,</i>	Agro-morphological characterization of 17 lentil varieties ( <i>Lens culinaris medik</i> ) grown in north morocco.
Retem Chahira Derbal Sara Djouini Amina Bairi Abdel Madjid	<i>Badji Mokhtar University</i>	Sensitivity of the immune system in users of tobacco and psychoactive substances: A study conducted at Cisa-Boukhadra, Algeria

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# ONLINE SESSION / 27.04.2025

HALL - 1 / SESSION - 3

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 15:00-17:00

**HEAD OF SESSION: Assist. Prof. Dr. Sebahattin YILMAZ**

Authors	Affiliation	Presentation title
Mechiah Fahima Inouri Ahlam Bourenine Kahina Benhoula Mohammed Bouchemal Amina Ladouali Zeyneb Meghlaoui Zoubeida	<i>Campus Universitaire</i>	Diversity and valorization of citrus fruits in Algeria: towards responsible growth
Hawraa Abdulameer Ali Al-Dahhan Zahraa Ghaleb Taleb Muhamed Hussain Hasan Slim Zarir	<i>University of Kufa</i>	Bacterial and serological survey study on Patients with tonsillitis Introduction
Inouri Ahlam Mechiah Fahima Benhoula Mohammed Bouchemal Amina Ladouali Zeyneb	<i>Research Center for Agri-Food Technologies</i>	Role of essential oils in improving the quality of beehive products: towards sustainable beekeeping in support of agriculture
Svitlana Krylach Yevhen Skrylnyk Angela Kutova Maxim Popimiy	<i>Institute for Soil Science and Agrochemistry Research named after O.N. Sokolovsky</i>	Stimulating the development of the spring wheat root system as a way to eliminate the negative impact of overdensity soil
Awobona E.O. Olatunji H.T. Adebayo R.A.	<i>Federal University of Technology Minna</i>	Phytochemical composition, nutritional significance and utilization of various leaves in poultry nutrition; a review
Olatunji H.T. Awobona E.O.	<i>Federal University of Technology Minna</i>	Nanoparticle ( <i>Nanocurcumin</i> ) and curcumin; a review on their effect on poultry, rabbit and swine production
Hari Lama	<i>Om Sterling Global University</i>	Effects of plant based supplement diets on growth performance of rainbow trout fish: a review
Adulsamiu Inuwa Bello Tela, Aminu H. Maryam Muhammad Sodangi	<i>University Putra Malaysia.</i>	Determination of the level of some fat-soluble vitamins and water-soluble vitamins in farm chicken, turkey, and duck eggs
Bourenine Kahina Nait Kaci-Boudiaf Malika Saadoun Noria	<i>Mouloud Mammeri University</i>	Valorization of local pomegranate: A strategic path to efficient resilience

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# ONLINE SESSION / 27.04.2025

HALL - 2 / SESSION - 3

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 15:00-17:00

**HEAD OF SESSION: Assist. Prof. Dr. Ömer ERTUĞRUL**

Authors	Affiliation	Presentation title
Badamasi Suleiman Muhammad Halliru Gabriel Ternege Ahungwa Ibrahim Muhammad Abdul Jamilu Suraja Ya'u	<i>Sule Lamido University Kafin Hausa</i>	Comparative analysis of profitability of irrigated rice production in kano river and hadejia valley irrigation schemes, Nigeria
Ajiwe, S.T. Lawal, I.T. Ganiyu, C.P. Adeniyi, R. Oluwasanmi, F.A.	<i>Ajayi Crowther University</i>	Efficacy of iron micronutrient on fusarium wilt ( <i>Fusarium oxysporium</i> F. sp. <i>lycopersici</i> ) and yield of tomato ( <i>Solanum lycopersicum</i> L)
Ayoub LAMTITA Bahija. MOUNIR Fathallaah. BAZI	<i>Ben M'Sik. Hassan II University</i>	Knoevenagel reaction catalyzed by apatite and sodium-modified apatite: a fast, efficient, and sustainable approach
Melik Sami Khelil Sara Tallal Abdel Karim Bouzir	<i>Mohamed Khider Biskra University</i>	Agri-architecture-for-the-21st-century-innovations-in-rural-built-environments
Melik Sami Khelil Sara Tallal Abdel Karim Bouzir	<i>Mohamed Khider Biskra University</i>	Agricultural hubs: Designing spaces for food processing, storage, and distribution
Melik Sami Khelil Sara Tallal Abdel Karim Bouzir	<i>Mohamed Khider Biskra University</i>	Architecture for agricultural justice: Spatial equity in the design of food-producing communities
Melik Sami Khelil Sara Tallal Abdel Karim Bouzir	<i>Mohamed Khider Biskra University</i>	Designing the productive countryside: Architectural approaches to sustainable agriculture
Melik Sami Khelil Sara Tallal Abdel Karim Bouzir	<i>Mohamed Khider Biskra University</i>	Hybrid landscapes: Architecture at the intersection of farming, ecology, and community
Melik Sami Khelil Sara Tallal Abdel Karim Bouzir	<i>Mohamed Khider Biskra University</i>	Living landscapes: Integrating agriculture, housing, and infrastructure through design

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# ONLINE SESSION / 27.04.2025

HALL - 3 / SESSION - 3

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 15:00-17:00

**HEAD OF SESSION: Assist. Prof Gülden ÖZGÜNALTAY ERTUĞRUL**

Authors	Affiliation	Presentation title
Oluwadamilola Peace AGOI Moses Adeolu AGOI Oluwanifemi Opeyemi AGOI	<i>Federal University of Agriculture Abeokuta</i>	An assessment on the efficacy of nanotechnology as a modern agricultural application
Boussak Hassina Loucif Seiad Linda Demim Soraya Berrouane Naoual	<i>University M'hamed Bougara - Boumerdes</i>	Development of new hybrid membranes applied to the treatment of oil effluents from H'assi Rmel
Abdul Rehman Arqam Iqbal Mudassar Yasin, Sami ullah Abd-Ur-Rehman	<i>MNS University of Agriculture,</i>	Impact of technology adoption on cotton production in district Sibbi
Anisa Abdul Rehman Arqam Iqbal Mudassar Yasin Sami Ullah Ali Imran	<i>MNS University of Agriculture,</i>	Economic and sustainability analysis of cotton; a comparison of climate resilient practices and convetional practices in Multan
Bouchemal Amina Inouri Ahlem Ladouali Zeyneb Mechiah Fahima Benhoula Mohamed	<i>Campus Universitaire</i>	Fermented foods as functional tools in resilient agri-food systems
Bate, Garba Barde	<i>Federal University Dutse</i>	Pesticidal efficacy of nerium oleander leaf extract on the survival of pachnoda interrupta ( <i>Sorghum Chafer</i> ) under field and laboratory conditions
Mohbobeh Sharifi Bahareh Rafiei Mohammad Taghi Mobasheri Saeideh Javar Daryoush Mansouri Razi Kourosh Ghaderi Ali Kianpour Fatemeh Sadat Hosseini	<i>Golestan Agricultural and Natural Resources Research Center</i>	Evaluation of soil management with various insecticides in controlling the overwintering stages of the mediterranean fruit fly
"Fernando MATA Meirielly JESUS Nuno BAPTISTA"	<i>Center for Research and Development in Agrifood Systems and Sustainability,</i>	Companion animals and farm animals: speciesism and welfare attitudes among european citizens – a sociodemographic perspective
Bouzidi Maryam Bouikhalene Belaid Madani Youness Farissi Mohamed	<i>Sultan Moulay Slimane University,</i>	Large-scale irrigation revolution: use of machine learning for sustainable water management

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# ONLINE SESSION / 27.04.2025

HALL - 4 / SESSION - 3

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 15:00-17:00

**HEAD OF SESSION: Assoc. Prof. Dr. Ertuğrul KUL**

Authors	Affiliation	Presentation title
Saeed Ahmad Zaman Naima Nawaz Zain Nawaz Ijaz Ashraf Muhammad Idrees Nadia Idrees Lubna Anjum Shahzad Ayesha Riaz Abdul Rahman	<i>The University of Lahore</i>	Globalization impact on sustainable agriculture
Saeed Ahmad Zaman Naima Nawaz Zain Nawaz Ijaz Ashraf Muhammad Idrees Nadia Idrees Lubna Anjum Shahzad Ayesha Riaz Abdul Rahman	<i>The University of Lahore</i>	AI in agriculture — the future of farming
Saeed Ahmad Zaman Naima Nawaz Zain Nawaz Ijaz Ashraf Muhammad Idrees Nadia Idrees Lubna Anjum Shahzad Ayesha Riaz Abdul Rahman	<i>The University of Lahore</i>	Environment and natural resources
Saeed Ahmad Zaman Naima Nawaz Zain Nawaz Ijaz Ashraf Muhammad Idrees Nadia Idrees Lubna Anjum Shahzad Ayesha Riaz Abdul Rahman	<i>The University of Lahore</i>	What is smart farming? it's the future of agriculture
Saeed Ahmad Zaman Naima Nawaz Zain Nawaz Ijaz Ashraf Muhammad Idrees Nadia Idrees Lubna Anjum Shahzad Ayesha Riaz Abdul Rahman	<i>The University of Lahore</i>	Impact of globalization on sustainable land use and farming system in the rural development
Bohdan Romanovych Ivan Tymchuk	<i>Lviv Polytechnic National University</i>	Compost as a tool for enhancing nutrient bioavailability on degraded lands
Chayanika Uniyal Amna Mirza	<i>University of Delhi</i>	Questioning the gender narrative in agritech: a critical perspective on women's role in Viksit Bharat

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# ONLINE SESSION / 27.04.2025

HALL - 5 / SESSION - 3

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 15:00-17:00

**HEAD OF SESSION: Prof. Dr. Emre ŞİRİN**

Authors	Affiliation	Presentation title
Merve Karakoyun Mutluay Süleyman Avcı Mustafa Erden Sinem Öztürk Erdem	<i>Bilecik Şeyh Edebali University</i>	Effect of iron oxide (Fe <sub>3</sub> O <sub>4</sub> ) nanoparticles on the rooting of Blackberry ( <i>Rubus fruticosus L.</i> ) Cuttings
Fatih Şahan Ahmet Şahin	<i>Kırşehir Ahi Evran University</i>	Water footprint in animal farm
Ilker Ünal Tahsin Uygun Mesut Çoşlu Mete Yiğit	<i>Burdur Mehmet Akif Ersoy University</i>	Edge computing devices in digital agriculture and agricultural iot: core technologies, applications, and challenges
Zeynep Ekicioğlu Küzeci	<i>Kırşehir Ahi Evran University</i>	The role of artificial intelligence in the transformation of smart agriculture: Technological approaches and application areas
Yeliz Sakal Ümit Özyılmaz	<i>Aydın Adnan Menderes Üniversitesi,</i>	Biological control of bacterial speck of tomato ( <i>Pseudomonas syringae</i> pv. <i>tomato</i> ) using copper-tolerant antagonist bacteria
Fatih Şevki Erkuş Koray Tuncay	<i>Van Yüzüncü Yıl Üniversitesi,</i>	Determination of methane concentration in biogas using low-cost multiple methane sensors
Fatih Şahan Ahmet Şahin	<i>Kırşehir Ahi Evran University</i>	Use of molasses in animal nutrition
Muhammet Ekemen Çiğdem Ulubaş Serçe	<i>Niğde Ömer Halisdemir University</i>	Effect of chitosan-based nanocapsules on the aphid-mediated transmission of potato virus y

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# ONLINE SESSION / 27.04.2025

HALL - 6 / SESSION - 3

ZOOM ID: 833 1287 1999 / PASSCODE: 252627/

Ankara Local Time: 15:00-17:00

**HEAD OF SESSION: Assoc. Prof. Dr. Koray KIRIKÇI**

Authors	Affiliation	Presentation title
Lyazzat Mukanova Koray KIRIKÇI Tuleukhan Sadykulov Yerlik Baimazhi Gulsad Zhumagaliyeva	<i>Kazakh National Agrarian Research University</i>	Dgat1 gene polymorphism in coarse-haired fat tailed lambs of different genotypes
Bibigul Sansyzbayeva Sholpan Adylkanova Toleukhan Sadykulov Koray KIRIKÇI	<i>Kazakh National Agrarian Research University</i>	Determination of cast/mspi gene polymorphism and its effects on 180-day weight in meat production line of Kazakh saryarka lambs
N.J. Khodjayeva Q. Jurakulov S. Khojiakhmatov S. Eliboyeva	<i>Samarkand State University of Veterinary Medicine</i>	Nutrient media developed for cultivation and multiplication of epiphytic microorganisms
Jurabek Nayimovich Xujamov Ruxsora Normumin Kızı Hamidova	<i>Samarkand State University of Veterinary Medicine</i>	Location, status and statistical analysis of livestock in the republic of Uzbekistan
Kh. Juraqulov Ch. Sattorov	<i>Samarkand State University of Veterinary Medicine</i>	Obtaining polyhydroxyalkanoate by concentration of butanols of the resistant strain pseudomonas helmanticensis P1
N. Zh. Khuzhaeva A. H. Nurmukhammadov K. H. Jorakulov	<i>Samarkand State University of Veterinary Medicine</i>	Effect of gibberellic acid-producing lactic acid bacteria on the development of grapes.
Norboyev K.N Tursunaliyev B.B. V.F.B.F.D Pardayev H.SH Yunusaliyev B.I	<i>Samarkand State University of Veterinary Medicine</i>	Effectiveness of using micronutrient and vitamin supplements in dairy cows
N. Khodjaeva O. N. Khujaeva P. K. Dzhurakulov G. Akbarova	<i>Samarkand State University of Veterinary Medicine</i>	Use of chlorella in livestock (the case of cattle)
N. Khodjaeva U. Ummatov K. Jurakulov B. Turdiyev M. Kurbanboyeva	<i>Samarkand State University of Veterinary Medicine</i>	Prospects for wastewater treatment using algae (duckweed)
Boulhaia Imene Moulai-Mostefa Nadji Hadsadok Abdelkader Aouabed Ali	<i>University of Blida</i>	Preparation of bionanomaterials as reinforcing phase in polymeric matrices to form nanocomposites.

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