# IV. International Biological & Life Sciences Congress

## 29 November - 2 December 2026

## Porto Bello Resort Hotel & Spa, Antalya, Turkey

## BIOLIC 2026 CONGRESS PROGRAM

| SUNDAY, NOVEMBER 29TH 2026 | |
|---|---|
| $14^{30}$ - $18^{00}$ | **Registration** |

## PLENARY SESSION

| MONDAY, NOVEMBER 30TH 2026 | |
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| $08^{30}$ - $10^{15}$ | **Registration** |
| $09^{45}$ - $10^{00}$ | **Opening Ceremony** |
| $10^{30}$ - $12^{30}$ | **OPENING SESSION**: Session Chair: **ASSOC PROF DR. NECMI BESER**, Trakya University, Turkey |
| $10^{00}$ - $10^{30}$ | **PROF DR ILKNUR SOLMAZ, Cukurova University, Türkiye** "Doubled Haploidy in Cucurbit Breeding from Haploid Innovation to Resilient Hybrids" |
| $10^{30}$ - $11^{00}$ | **PROF DR H. KURSAT CELIK, Akdeniz University, Türkiye** "Finite Element Analysis in Agricultural Engineering: A Short Bibliometric Analysis of Scopus-Indexed Publications (2006–2026)" |
| $11^{00}$ - $11^{30}$ | **DR MESUT KESER, ICARDA, Türkiye** "The International Winter Wheat Improvement Program (IWWIP): Forty Years of Germplasm Development and Delivery for Food Security" |
| $11^{30}$ - $12^{00}$ | **ASSOC PROF DR KATYA UZUNDZHALIEVA, IPGR, Sadovo K. Malkov Inst., Bulgaria** "Peanut Breeding in Bulgaria" |
| $12^{00}$ - $12^{30}$ | ***Discussion*** |
| $12^{30}$ - $13^{30}$ | ***LUNCH*** |

| 1st Ses | MAIN HALL ENGLISH | HALL B ONLINE ENGLISH |
|---|---|---|
| **1** 13$^{30}$-13$^{45}$ | Can cultivation increase EO productivity while maintaining desirable chemical and biological properties of *L. dentata*? - Ahmed Qaddoury, Siham Houssayni, Meryem Youssfi, Hafida Bouamama | Additions to the Türkiye aphid fauna: Macrosiphoniella (Papillomyzus) riedeli Szelegiewicz, 1963 & Dysaphis taraxaci Daniyarova, 1990 - Gazi Görür, Özhan Şenol, Hayal Akyıldırım Beğen |
| **2** 13$^{45}$-14$^{00}$ | | Synergistic combinations of essential oils and their major constituents against *Tribolium* species: A systematic review - Warda Abnaamar, Houssam Annaz, Francesco Cacciola, Jbılou Rachid, Ahmed Aarab, Noureddin Bouayad, Kacem Rharrabe |
| **3** 14$^{00}$-14$^{15}$ | Olive Shoot-Derived Biochar as a Sustainable Strategy to Mitigate Microcystin uptake and Phytotoxicity in Vicia faba - Majida Lahrouni, Fadwa El Marouani, Mohammed Haida, Yasmina El Janoussi, Brahim Oudra, John Poté | Biostimulant Effect of Atriplex halimus Extract on Wheat Germination (*Triticum aestivum*) under Salt Stress - Hanae H'Daidane, Saliha Gharbı, Dhassı Khalid, Laglaouı Amın, Bakkali Mohammed, El Galıou Ouıam, Lamhamdı Mostafa |
| **4** 14$^{15}$-14$^{30}$ | Species diversity and dynamics of pests in maize fields (2023 - 2025) - Angel Ivanov | Adverse Environmental Impacts of ALS-Inhibiting Herbicides - Ahmet Tansel Serim |
| **5** 14$^{30}$-14$^{45}$ | Comparative Assessment of Germination & Seedling Growth under PEG-6000-induced osmotic stress in three grain legume species - Alexandra Hanász, Nóra Mendler-Drienyovszki | Recorded Birth-Weight Values in Singleton- and Twin-Born Honamlı Goat Kids: A Retrospective Analysis - Taha Gürsoy, Durmuş Kahraman |
| **6** 14$^{45}$-15$^{00}$ | Assessment of the impact of digital connectivity on AI adoption in smart agriculture among rural smallholder farmers in northern Nigeria - Cornelius Michael Ekenta | The Evaluation of Microbiota for nutritional strategies in human - Nilay Seyidoglu, Cenk Aydin |
| **7** 15$^{00}$-15$^{15}$ | Integrated sustainable raspberry production: From field soil management to biomass processing - Dina Popluga | Effects of heavy metals on pollen development and viability - Nuran Ekici |
| **8** 15$^{15}$-15$^{30}$ | The microbiota communities in relation to secondary metabolite production of spontaneous medicinal plants from semi-arid ecosystem. - Asmae El Haouzı, Hazzoumi Zakaria, Ahmed Qaddoury | Evaluation of *Aspergillus flavus* extracts for the management of *Parthenium hysterophorus* in maize crop: Effects on weed suppression, grain yield, biochemical, and physiological responses - Naveed Majeed, Muhammad Akbar, Hafiz Muhammad Waqas |
| 15$^{30}$-16$^{00}$ | **Coffee Break** | |
| **9** 16$^{00}$-16$^{15}$ | From plant response to plant resilience: physiological markers for evaluating biostimulant efficiency - Melinda Tar, Ádám Nagy, Ingrid, Melinda Gyalai, Flórián Kovács, Edit Mikó, Péter Jakab | Mechanisms of Neurotoxicity Induced by Co-exposure to Nanoplastics and Pharmaceutical Residues: Behavioral, Biochemical and Histological evidence - Abir Mhadhbi, Sabrine Ben Slimene, Awatef Elwej, Rahma Ammar, Philippe De Deurwaerdère, Hamadi Fetoui |
| **10** 16$^{15}$-16$^{30}$ | Effect of different tillage methods on soil compaction as well as physiological and yield components of maize in drought year - Péter Jakab, Ingrid, Melinda Gyalai, Flórián Kovács, Evelin Wolf, Vilmos Bilicki, Melinda Tar | Artificial intelligence & machine learning-based transformation in the agriculture and food industry: next-generation methods, current applications, and future perspectives - Tuna Topaç, Ozlem Ucar, Erdem Uçar |
| **11** 16$^{30}$-16$^{45}$ | Investigation of the productive potential, biometric characteristics, & adaptive capacity of sunflower hybrids (*Helianthus annuus L.*) in northeastern Bulgaria - Angel Ivanov, Petya Angelova | Effects of Photovoltaic Panel-Shingle Roof Gap Distance and Different Heat Transfer Mechanisms on Panel Cooling Performance - Mustafa Kemalettin Büyükakın |
| **12** 16$^{45}$-17$^{00}$ | Comparative testing of winter common wheat (*Triticum aestivum L.*) varieties under the climatic conditions of Northeastern Bulgaria for the period 2023–2025 - Angel Ivanov, Dimitria Ilieva, Petya Angelova | Multidisciplinary evaluation of household water purification systems in terms of water quality, health risk & household economics: An İpsala case study - Ipek Atılgan Helvacıoğlu, Esra Gürbüz, Elif Ezgi Gürel, Mediha Büyükgöze Dindar, Meltem Tekbaş Atay, Cem Tokatlı |
| **13** 17$^{00}$-17$^{15}$ | Benchmarking irrigation technical performance in Türkiye and international cases: A comparative evidence synthesis - Eray Harman | Multi-parametric water quality evaluation of the Euphrates river downstream of Birecik dam (Şanliurfa, Türkiye) - Cem Tokatlı, Bedrettin Yamankaradeniz, Ahmet Necip Nurdoğan |

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| **14** $17^{15}$ -$17^{30}$ | Effects of Integrated Modernization on Technical, Economic, and Management Performance in a Cooperative-Managed Irrigation Scheme in Türkiye - Eray Harman | Spatial distribution of fecal coliform bacteria in Porsuk dam lake (Sakarya river basin) and evaluation of the reservoir's self-purification capacity - Cem Tokatlı |
| **15** $17^{30}$ -$17^{45}$ | Comparative evaluation of sensory and texture properties of reed deer and roe deer meat quality - Vilija Buckiuniene, Vita Lėlė, Simas Grauzys, Jolita Sarkauskiene, Elena Bartkiene | On Certain Aspects of the Biology of Colourful Murrel, *Channa stewartii* (Playfair, 1867) from Assam, India - Pavitra Chutia |
| **16** $17^{45}$ -$18^{00}$ | | |
| $18^{00}$ -$18^{30}$ | **POSTER SESSION** | |

| **2nd Ses** | **TUESDAY, DECEMBER 1ST, 2026** | |
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| **$09^{00}$ -$12^{30}$** | **MAIN HALL ENGLISH** | **HALL B ONLINE ENGLISH** |
| **17** $09^{00}$ -$09^{15}$ | Evaluation of antioxidant activity, analgesic and antilithiasic effects of Moroccan *Citrus aurantium aqueous* extracts in murin models - El Yazouli Loubna | Investigation of changes in quality parameters—pH and Turbinity—in PET bottled water exposed to sunlight. - Ahmet Yetkin |
| **18** $09^{15}$ -$09^{30}$ | Enzymatic and cytotoxic properties of Moroccan *Searsia spp*. Leaves and fruits - Fatima-Ezzahra Derdar, Maroua Ait Tastift, Chemseddoha Gadhı, Samir Ibenmoussa, Hafida Bouamama | Cold plasma treatment as a green and innovative approach to improve the phenolic profile and antioxidant capacity of sunflower pomace - Elifsu Nemli, Beyza Sarıcaoglu, İrem Zehra Kublay, Tuba Esatbeyoglu, Mustafa Bener, Reşat Apak, Esra Capanoglu |
| **10** $09^{30}$ -$09^{45}$ | Impact of *Helicobacter pylori* Eradication on Clinical Activity and Inflammatory Markers in Patients with Rheumatoid Arthritis - Gentian Stronı, Erisa Grabocka | Galactooligosaccharide Production from Ideal Whey: Feedstock Design through Membrane Technologies - Kadir Cinar |
| **20** $09^{45}$ -$10^{00}$ | Anti-hemorrhagic activity of *Calligonum comosum* aqueous extract against selected Moroccan viper venoms in mice - Hanane Ennaji | Development and Characterization of Pectin-Based Biopolymer Film Enriched with Fig Leaf Phenolic Extract - Kardelen Sena Kırdı, Beyza Sarıcaoglu, Hafizenur Şengül Binat, Fatma Ebru Fıratlıgil, Esra Capanoglu |
| **21** $10^{00}$ -$10^{15}$ | The Brain under Pressure: A Natural Approach to Emotional Resilience - Nadia El Marrahı, Dalila Bousta, Hicham Bekkarı | Preliminary results on knowledge and behaviors related to electronic cigarettes among future physicians at the Faculty of Medicine and Pharmacy of Tangier Morocco - Yousra Ben Ajiba, Khaoula Lakrimi, Ihsane Alloubi |
| $10^{15}$ -$10^{45}$ | **Coffee Break** | |
| **2nd Ses** | **MAIN HALL ENGLISH** | **HALL B ONLINE ENGLISH** |
| **22** $10^{45}$ -$11^{00}$ | Multi-Level Computational Assessment of ChEBI Compounds Targeting SIRT2: Molecular Docking, Dynamics, and Quantum Chemical Analysis - Khlood Abdeljawaad | Malaysian mushrooms as sources of bioactive proteins and peptides against colorectal cancer: Current evidence and future perspectives - Sıtı Nur Syahırah Morshıdı, Mohamad Hasnul Bolhassan, Dayangku Khalızawatı Awangku Serma, Nurhuda Mohamad Ansor |
| **23** $11^{00}$ -$11^{15}$ | Potential of Lactic Acid Bacteria in Food and Feed Biotechnology - Vita Lėlė, Vadims Bartkevics, Elena Bartkiene | Role of Glut-1 in Red Blood Cells Physiology - Valentyna Kurovska |
| **24** $11^{15}$ -$11^{30}$ | Cognitive Impairment in Individuals with Alcohol and/or Cannabis Use Disorders in Morocco: A Cross-Sectional Study - Aıt Bouıghoulıdne Salma, Laamırı Fatima Zahra | Advanced optical endoscopic imaging in the management of colorectal neoplasia: A single-center experience from Albania - Ejona Kacurri, Arjana Ylli, Altin Cekodhima, Gentiana Cekodhima |
| **25** $11^{30}$ -$11^{45}$ | Discovery of UDUS-RXQ74 as an Anti-Triple-Negative Breast Cancer Agent - Ibrahim Malami, Balaraba Bello, Alhassan Muhammad Alhassan | The Economics of Perinatal Mental Health: Current Evidence and Remaining Gaps - Hedie Haxhiu, Malvina Hoxha, Visar Malaj, Maria Manconi, Aurora Bueno Cavanillas |
| **26** $11^{45}$ -$12^{00}$ | Packaging Design for Reuse: A Comparative Study of Graphic and Structural Design in Refillable Personal Care Packaging - Nursan Korucu | Impact of Solvent Polarity on Extraction Yield, Phenolic Content and Antioxidant Activity of Polyphenols from the Brown Algae "*Dictyota dichotoma*" - Khalida Abla, Rim Yousfi, Hiba Bahi, Nassima Toumi-Halaimia |
| **27** $12^{00}$ -$12^{15}$ | Effects of a Marble and Mining Wastes Mixture on Seeds Germination and Growth of Alfalfa (*Medicago sativa L.*) and Maize (*Zea mays L.*): Phytotoxicity Bioassays - Mıdhat Laıla, Raklamı Anas, Laila Mandi, Naaila Ouazzani | Sunflower based BioNanofibers: Aspects on utilization as delivery system agent of bioactive Ingredients in nutraceutials & pharmaceticals & as smart packaging agents - Özlem Tokuşoğlu |

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| **28** $12^{15}$ -$12^{30}$ | Design and Experimental Evaluation of a Hybrid Solar–Hydrokinetic System for Ultrafiltration of Microplastic-Sized Particles in Flowing Water - Göktuğ Güler | The sustainable biodegradable green packaging biomaterial: A research on binary biopolymer matrix combining pullulan & alginate reinforced with sunflower head based nanofibers - Özlem Tokuşoğlu |
| $12^{30}$-$13^{30}$ | **LUNCH** | |
| **3RD Ses** | **MAIN HALL ENGLISH** | **HALL B ONLINE FRENCH** |
| **29** $13^{30}$-$13^{45}$ | Plant-Microbe Interactions in *Cicer arietinum*: Physiological Responses to Bioaugmentation with Nutrient-Solubilizing and Pesticide-Degrading *Burkholderia spp*. - Shalni Satya, Milap Dashora, Mohd Ashraf Dar, Garima Kaushik | Sleep-Dependent Modulation of Epileptic Activity: From Neurophysiology to EEG Biomarkers - Fatima Zohra Allıouı, Loubna Essabıı, Zahra Ferjouchıa, Rachid Belfkıh |
| **30** $13^{45}$-$14^{00}$ | Influence of different types of wheat sourdough on the sensory and textural properties of salt-free bread - Corina Caracaci, Aliona Ghendov-Mosanu, Viorica Bulgaru, Olga Boestean, Sergiu Paiu, Georgiana Gabriela Codină | Contribution of Neurophysiological and Electrophysiological Investigations to the Differential Diagnosis of Parkinsonian Syndromes: A Multimodal Approach - Essabıı Loubna, Allıouı Fatima Zohra, Jılla Mariam, Belfkıh Rachid |
| **31** $14^{00}$-$14^{15}$ | Isolation and Characterization of Potential Probiotic Lactobacilli from Camel Milk of the Bechar Region for Possible Use as Functional Food Additives - Yagoubı Ahmed | Characterization of the polyphenolic profile of *Nitraria retusa* fruit aqueous extract and evaluation of its antioxidant effect against penconazole-induced renal oxidative stress in adult rats - Mariem Chaabane, Mohamed Koubaa, Mediha Sefi, Semia Ellouze Chaabouni, Kamel Jamoussi, Tahya Boudawara, Nejla Soudani, Najiba Zeghal |
| **32** $14^{15}$ -$14^{30}$ | Effect of Cultivation on Essential Oil Composition and Nematicidal Activity of *Thymus satureioides Coss*. - Meryem Youssfi, Siham Houssayni, Oumaima Akachoud, Btissam Zoubi, Hafida Bouamama, Ahmed Qaddoury | FTIR & NMR Spectroscopic Profiling of Liquid Biopsy Samples in Lung Cancer: Preliminary Insights from a Pilot Study in Northern Region of Morocco - Yousra Ben Ajiba, Khaoula Lakrimi, Taha Hasni Alaoui, Ihsane Alloubi |
| **33** $14^{30}$-$14^{45}$ | Screening of sunflower (Helianthus annuus L.) genotypes for salinity stress tolerance: determination of an optimal salt concentration - Samet Sağlam, Aydın Ünay | From Perception to Risk: Dietary Supplement Use Among Cancer Patients and Its Association with Potentially Unsafe Practices - Khalida Abla, Sara Redjeb, Bouthaina Harkat |
| **34** $14^{45}$-$15^{00}$ | | Molecular Profile of Lung Cancer: A Single-Center Study at Mohammed VI University Hospital in Tangier - Khaoula Lakrimi, Yousra Ben Ajiba, Ihsane Alloubi |
| **35** $15^{00}$-$15^{15}$ | Effects of Different Landscape Positions on Potassium Forms and Related soil Properties at the Research and Training Farm, of Federal University of Kashere, Gombe State, Nigeria - Abdullahi Salem | Influence of Microwave-Assisted Extraction Parameters on Phenolic Content and Antioxidant Activity of Post-Distillation Cymbopogon citratus Residues - Ibtissam Baguena, Yousra Zantar, Said Zantar, Amin Laglaouı, Mounir Hassani Zerrouk |
| **36** $15^{15}$-$15^{30}$ | Salicylic acid as a leverage for salt tolerance in crops of agro-economic interest: The case of stevia and carob trees - Salama Aıssam, Ichraka Youssara, Meriyem Koufan, Cherkaoui El Modafar | Interannual dynamics of phytoplankton biodiversity and occurrences of potentially harmful species along the Agadir Coast (2025–2026) - Yousra Chedaf, Bennouna Asmae, Abouabdellah Rachid, Erzini Mohamed Ali, Banaoui Ali |
| **37** $15^{30}$-$15^{45}$ | | Lactiplantibacillus species as protective and adjunct cultures for Jben & Kemariya algerian traditional cheeses: *Staphylococcus aureus* foodborne pathogen inhibition and exopolysaccharides production - Bousmaha-Marroki Leila, Marroki Ahmed |
| $15^{45}$-$16^{15}$ | **Coffee Break** | |
| | **FRENCH SESSION** | **ONLINE FRENCH** |
| **38** $16^{15}16^{30}$ | Native rhizobia and mycorrhizae synergy for improving alfalfa tolerance to salt stress : A comparative analysis of two varieties - Raja Ben-Laouane, Ait-El-Mokhtar Mohamed, Boutasknit Abderrahim, Oufdou Khalid, Wahbi Said, Meddich Abdelilah | Comparison of Different Lactation Curve Models to Describe Lactation Curve in Local Goats - Ahlem Atoui |
| **39** $16^{30}$-$16^{45}$ | Effect of Plant Spacing on Agromorphological Traits, Floral Production and Milk-Clotting Activity of *Onopordum nervosum ssp. platylepis* - Rania Kouki, Islem Baccouche, Bouthaina Dridi Al Mohandes | Impact of nutritional imbalances on the reproductive performance of dairy cows: an observational study in four farms in the Tizi Ouzou region - Kalem Ammar, Amina Saidi, Adel Djalal |
| **40** $16^{45}$-$17^{00}$ | | Study of risk factors for infertility in dairy cows: an integrated approach using zootechnical and |

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| | | biochemical analyses - Kalem Ammar, Adel Djalal, Amina Saidi |
| **41** 17$^{00}$-17$^{15}$ | Characterisation & molecular identification of plant growth-promoting endophytic bacteria isolated from *Launaea arborescens* - Mebarki Lakhdar, Dakhali Abir, Mezouri Fatna | Haemato-biochemical and acute-phase protein alterations in cats with enteric parasitic infections - Nadia Hafid, Lyna Benelmadjat, Soundes Bouguedah |
| **42** 17$^{15}$-17$^{30}$ | Bio-insecticidal effects of bioactive molecules essential oils from *Salvia rosmarinus* against *Tribolium castaneum* (Coleoptera: Tenebrionidae) - Fatma Acheuk, Afrit Yasmine, Yahia Khelef | Date Palm Fibers for Water Treatment: A Review of Biofiltration and Adsorption Applications - Nizar Smahi Bouziane, Yassine Elyaakouby, Amine Tılıoua |
| **43** 17$^{30}$-17$^{45}$ | Evaluating the Biocidal Efficacy of Tar Extracts from Colocynth Seeds against *Tribolium castaneum*, a Pest of Stored Food Products. - Benlarbi Larbi | Gastrointestinal parasitism in dromedary camels in the Tindouf region (Algeria) - Kelanemer Rabah |
| **44** 17$^{45}$ -18$^{00}$ | Analysis and forecasting of sardine production in Algeria using a decision-support system - Bachari Nour El Islam, Nedjar Abdelghani, Houma Fouzia, Nacef Lamri | Prevalence and risk factors of canine gastroenteritis in the Blida region, Algeria - Kelanemer Rabah, Adel Djallel |
| 18$^{00}$ -18$^{30}$ | **POSTER SESSION** | |

| **4th Ses** | **WEDNESDAY, DECEMBER 2ND, 2026** | |
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| **09$^{00}$ -12$^{30}$** | **MAIN HALL TURKISH SESSION** | **HALL B ONLINE TURKISH** |
| **45** 09$^{00}$ -09$^{15}$ | Effects of safflower and cottonseed oil blends on a single-cylinder industrial diesel engine: An experimental study - Erdal Tuncer, Dinçer Akal, Yalcin Kaya | Effects of Exogenous Nor-Spermidine-Chelated Iron Complex Applications on Stress Tolerance in Rice Plants under Combined Salt and Alkaline Stress - Elif Götürk, Asiye Sezgin Muslu, Dilek Ünlüer Birinci |
| **46** 09$^{15}$ -09$^{30}$ | Comparative analysis of the effect of roof covering types on energy production in photovoltaic systems - Fatih Özkan, Uğur Akyol, Dinçer Akal | The Effects of Terminal Drought on Protein Quality and Nutritional Value in Food Legumes - Feride Öncan Sümer |
| **47** 09$^{30}$ -09$^{45}$ | New Methods in Organic Waste Management: The Case of Pumpkin Waste - Yusuf Solmaz, Fatih Büyükfiliz, Korkmaz Bellitürk | Biofortification of Iron and Zinc in Edible Pulses - Feride Öncan Sümer |
| **48** 09$^{45}$ -10$^{00}$ | Soil, Fertilizer, and Climatic Requirements of Lemon (*Citrus limon*) Cultivation - Korkmaz Bellitürk, Yusuf Solmaz, Murat Şahin | The effects of the heavy metals over forage crops - Mutlu Tunçer, Mustafa Sürmen |
| **49** 10$^{00}$ -10$^{15}$ | Effects of silymarin on reproduction in male BALB/c mice exposed to Di(2-ethylhexyl) phthalate - Orkun Tarkan, Serra Tekler, Adile Merve Baki, Hande Fatma Yılmaz, Ali Cihan Taşkın, Ferda Paçal | Morphological and Photosynthetic Effects of Selenium Applications in Lettuce - Yeşim Dal-Canbar, Ayşe Nur Şavkan, Hasan Can |
| 10$^{15}$ -10$^{30}$ | **Coffee Break** | |
| **4th Ses** | **MAIN HALL TURKISH SESSION** | **HALL B ONLINE TURKISH** |
| **50** 10$^{30}$ -10$^{45}$ | Oxidative Stress-Mediated MAPK Signaling in Diabetes-Induced Male Reproductive Dysfunction: Molecular Mechanisms and Therapeutic Perspectives - Yeliz Bozdemir Dönmez | CAE-Based Deformation Compensation and Class-A Surface Optimization in Automotive Plastic Components - Tahir Altınbalık, Gökhan Münüklü |
| **51** 10$^{45}$ -11$^{00}$ | Fashion Design Students' Perspectives on Biomimicry and Bioengineering Approaches in Sustainable Apparel Design - Serpil Öner, Beyza Buzol Mulayim | Investigation of the effects of conformal cooling channels on cooling performance and product deformation in plastic injection molds - Tahir Altınbalık, Altan Ülger |
| **52** 11$^{00}$ -11$^{15}$ | Biomimicry and Bioengineering Approaches in Sustainable Apparel Design: Current Trends and Future Perspectives - Serpil Öner, Beyza Buzol Mulayim | Determination of Pomological, Chemical and Color Characteristics of Some Pitaya (*Hylocereus spp.*) Cultivars Grown Under Mersin Conditions. - Yakup Polat, Nermin Kalay Sarı, Gözde Nogay, Ahmet Izmirli, Ebru Kafkas |
| **53** 11$^{15}$ -11$^{30}$ | Effects of Climate Change on Physiological and Ecological Responses in Mammals: Thermoregulation, Energy Balance, and Mechanisms of Adjustment - Pınar Çam | Determination of Pomological, Kernel Quality and Color Characteristics of Some Hazelnut (*Corylus avellana L.*) Cultivars Grown in Ordu Province - Yakup Polat, Ebru Kurt, Okan Özkaya, Ebru Kafkas |
| **54** | The Use of Biomarkers in Mammals for Ecological and Conservation Purposes: Physiological, | Atmospheric Argon Jet Plasma for Surface Decontamination and Quality Preservation of |

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| $11^{30}$ -$11^{45}$ | Molecular and Biochemical Approaches - Pınar Çam | Minimally Processed Pomegranate Arils - Ufuk Bagci, Kadir Cinar |
| | **ENGLISH SESSION** | |
| **55** $11^{45}$ -$12^{00}$ | Design and implementation of a semi-automatic solar-powered agricultural drip irrigation system with digital timers and a water tank for a rural area in Turkiye - Görkem Şen | Effect of initial feed concentration on blueberry juice ultrafiltration using a regenerated cellulose membrane: Fouling behavior & bioactive compound transmission- Emel Yılmaz |
| **56** $11^{45}$ -$12^{00}$ | Design and application of a solar-based semi-automatic soil moisture-controlled drip irrigation system with digital timers and a water tank for olive groves in Canakkale - Görkem Şen | Climate change may reduce the climatically suitable area of the Anatolian endemic legume Ebenus laguroides - Beste Gizem Özbey, Zeycan Helvacı |
| **57** $12^{00}$ -$12^{15}$ | Assessment of the Antigenotoxic Potential of Ginger in ZnO and $TiO_2$ Nanoparticle-Exposed Rats Using the Comet Assay - Ammara Waris, Saima Sharif, Muhammad Saqib | Food Image Recognition and Nutrition Lookup with Transfer-Learning Convolutional Neural Networks - Emine Gül Özkan, İlhan Umut |
| **58** $12^{00}$ -$12^{15}$ | | |
| **59** $12^{15}$ -$12^{30}$ | AI-Based Prediction of Module and Roof Temperatures in A Shingle-Type Photovoltaic Roofing System - İlhan Umut, Dinçer Akal | |
| $12^{30}$-$13^{30}$ | **LUNCH** | |
| $13^{30}$-$18^{30}$ | **CONGRESS EXCURSION** | |
| **5th Ses** | **MAIN HALL ONLINE TURKISH** | **HALL B ONLINE TURKISH** |
| **60** $13^{30}$-$13^{45}$ | The Abundance and Function of Cholesterol in Fish Seminal Plasma and Spermatozoa - Burak Evren İnanan, Tülden Inanan | TRIM38 protein expression, DNA methylation, & prognostic associations in pancreatic adenocarcinoma: An exploratory bioinformatic analysis - Kübra Sena Bas Topcu |
| **61** $13^{45}$-$14^{00}$ | Some sperm quality parameters in gilthead seabream (*Sparus aurata*), a commercially important marine aquaculture species - Burak Evren İnanan | Evaluation of antibiotic susceptibility profiles & biofilm formation in clinical *Pseudomonas aeruginosa* isolates - Ekin Karaman, Tuba Nur Sürkaç, Elif Gamze Has, Nefise Akçelik, Mustafa Akçelik |
| **62** $14^{00}$-$14^{15}$ | Mitochondrial 16s Rrna-Based Genetic Diversity in *Pelodytes caucasicus* (BOULENGER, 1896) - Aycan Maden, Tuğba Ergül Kalaycı | Phenotypic evaluation of biofilm formation and antibiotic resistance profiles in clinical MRSA isolates - Zeynep Dilgec Demirkıran, Elif Gamze Has, Tuba Nur Sürkaç, Nefise Akçelik, Mustafa Akçelik |
| **63** $14^{15}$ -$14^{30}$ | The Role of stray animals in the transmission of parasitic diseases & an evaluation of parasite awareness among primary school children in Edirne - Esma Ali, Özlem Çetin Erdoğan | Investigation of the material properties of sunflower stalks as a composite building element - Esma Mıhlayanlar, Beyza Aleyna Bayram, Emine İlhan |
| **64** $14^{30}$-$14^{45}$ | Distribution, spread potential, & impacts on rice cultivation of *Myocastor coypus* (Molina, 1782) in Thrace, Türkiye, in the context of global climate change - Osman Özmen Yeltekin, Mustafa Kaya | Comparative taxonomic value of light microscopy, ultrastructure & molecular phylogeny in the diagnosis of insect microsporidia - Onur Tosun, Çağrı Bekircan, Hilal Yıldırım |
| **65** $14^{45}$-$15^{00}$ | Dose-Dependent Mitigation of Drought and Salinity Stress in Strawberry by Exogenous Cysteine - Selda Durmuşoğlu, Dilek Ünlüer Birinci | Investigation of Artificial Intelligence Literacy Levels of Engineering Faculty Students - Onur Nurlu, Eylem Seyhan, Berfin Kılınç, Deniz Mertkan Gezgin |
| **66** $15^{00}$-$15^{15}$ | Climate Change and Forest Fires in The Western Blacksea Region of Türkiye - Ahmet Duyar, Ahmet Açıl | From prediction to explanation in cyberpsychology research: A narrative review of machine learning & explainable artificial intelligence in digital addiction studies - Dilara Karaman, Burak Alaşalvar, Miray Ertuğrul, Elif Irmak Soydan, Sude Nur Gören, Gülsüm Gözde Yılmazgüç Bal, Deniz Mertkan Gezgin |
| **67** $15^{15}$-$15^{30}$ | Effects of ash, sediment, and other combustion by-products generated after wildfires on water resources: A literature-based review - Ahmet Duyar, Ahmet Açıl | Microbial biotechnology and circular bioeconomy: transforming biological waste into valuable resources - Gokhan Onder Erguven, Numan Yıldırım |
| $15^{30}$-$16^{00}$ | **Coffee Break** | |
| **68** | Effects of Quince Rootstocks on Yield and Fruit Quality of Loquat Under High-Density Orchard | The Effect of Root Rhizosphere pH on Plant Nutrient Uptake in Cereals - Füsun Gülser, |

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| $16^{00}$-$16^{15}$ | Systems - A. Aytekin Polat | Burak Özdemir |
| **70** $16^{15}$-$16^{30}$ | Effects of Different Rootstocks on Leaf Macro- and Micronutrient Concentrations in The Loquat Cultivar 'Hafif Çukurgöbek' - A. Aytekin Polat | Phytoremediation Potential of Heavy Metal Accumulating Brassicaceae Species - Bulut Sarğın, Füsun Gülser |
| $16^{30}$-$18^{00}$ | **POSTER SESSION** | |

# POSTER SESSION

**All posters will be presented in electronic format (e-posters) during the congress in the main hall and will also be accessible online.**

| # | Subject Area | TITLE AND AUTHORS |
|---|---|---|
| 1 | Agricultural Engineering | Deep learning-based analysis of soil fertility and crop productivity in soil science - Fennı Mohamed, Khanchouche Abdelhalim, Allag Fateh, Bounechada Mustapha |
| 2 | Agriculture | Laboratory evaluation of the fumigant biopesticidal potential of Salvia officinalis essential oil against Ephestia kuehniella larvae (Lepidoptera: Pyralidae) - Asma Tazir |
| 3 | Agriculture | Endophytic Bacillus subtilis mitigates combined abiotic stress-induced oxidative injury and metabolic imbalance in two wheat genotypes - Azamat Avalbaev, Alsu Lubyanova, Dilara Maslennikova, Anton Plotnikov, Maria Lobova, Oksana Lastochkina |
| 4 | Agriculture | Evaluation of the Insecticidal Activity of Mandarin Essential Oil on Stored Tribolium Populations - Boughelit Nadia, Sonia Hamid, Aous Wahıba, Sadaoui-Yahia Cherif Samia, Bouabdellah Naima, Marnıche Faiza |
| 5 | Agriculture | Survey and Evaluation of Control Strategies Against the Causal Agent of Verticillium Wilt of Olive in Algeria - Boughelit Nadia, Sonia Hamid, Aous Wahıba, Sadaoui-Yahia Cherif Samia, Bouabdellah Naima, Meribai Abderrahmane, Marnıche Faiza |
| 6 | Agriculture | Aphid biodiversity and their hymenopteran parasitoids in vegetable crops within the Sétif region (northeastern of Algeria) - Bounechada Mustapha, Ghazali Affef, Fennı Mohamed, Harrag Abdelmalek, Allag Fateh, Abdehalim Khenchouche |
| 7 | Agriculture | Alticinae (Coleoptera, Chrysomelidae) of the Sétif Region: A means of biological control against crop weeds - Bounechada Mustapha, Fennı Mohamed, Allag Fateh, Harrag Abdelmalek, Abdehalim Khenchouche |
| 8 | Agriculture | A study of the diversity of medicinal plants used in traditional Algerian gastronomy - Cherif Hamida Saida |
| 9 | Agriculture | Effect of Tomato Spotted Wilt Virus (TSWV) Infection on Scoville Heat Units (SHU) in Pepper (Capsicum annuum L.) - Damla Ulusoy |
| 10 | Agriculture | Comparative Assessment of Phytosanitary Conditions under Organic and Conventional winter barley and common wheat - Dina Atanasova, Vasilina Maneva |
| 11 | Agriculture | Insecticidal toxicity of Pelargonium graveolens essential oil against Ephestia kuehniella: Potential as a botanical biopesticide - Djihen Bakli |
| 12 | Agriculture | Evaluation of Seed Yield and Some Yield Components of Sunflower Hybrids under Trakya Conditions - Ezgi Tura, Yalçın Kaya |
| 13 | Agriculture | Deep Learning-Based Optimization of Irrigation and Crop Yield Prediction in Agricultural Engineering - Harrag Abdelmalek |
| 14 | Agriculture | Agronomic performance of hybrid Kirkağaç melon candidates - Ilknur Solmaz, Pınar Adıgüzel, Mihriban Namlı |
| 15 | Agriculture | Survey and Hazard-Based Classification of Pesticides Used in Tomato Cultivation in Boumerdes (Algeria) - Kahina Belmadani |
| 16 | Agriculture | Inventory and infestation rates of fungal pathogens affecting wheat crops (Triticum spp.) in the Freha region (Tizi-Ouzou, Algeria) - Kahina Belmadani, Naima Hesnaoui, Sonia Boultouak, Hamadou Hamadou |
| 17 | Agriculture | Invasive Alien Species in Romania Agriculture and Forestry: Current Status of Key Weed and Insect Pest - Manole Traıan |
| 18 | Agriculture | Effect of Red Bean Intercropping on Growth and Fruit Characteristics of Fakous (Cucumis melo subsp. melo var. flexuosus) - Rania Kouki, Mayssa Ben Khalifa, Nassim Nouira, Bouthaina Dridi Al Mohandes |
| 19 | Agriculture | Determination of the Relationships Between Seed and Oil Quality Characteristics in Sunflower Hybrids Under Trakya Conditions - Sinan Çiftçi, Yalçın Kaya |
| 20 | Agriculture | Wild Cannabis sativa L. Essental Oil as a Biological Insecticide Against Cereal Aphids (Rhopalosiphum padi and Sitobion avenae): Toxicity, repellency and Behavioral - Vasilina Maneva, Dina Atanasova, Ivanka Semerdjieva, Lia Nedelcheva |
| 21 | Agriculture | Influence of Bacillus megaterium on Carotenoid Content in Maize Genotypes under Osmotic Stress Simulated by PEG 6000 - Nataliya Petrovska, Mariana Petkova, Biserka Hinkina, Yuliana Yordanova, Petyo Dauldzhiev, Emil Vasilev, Viliana Vasileva |
| 22 | Animal Science | Sepsis-Induced Respiratory Impairment and Its Impact on Behavior and Physiological Parameters in Albino Wistar Rats - Assia Amokrane |

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| 23 | Animal Science | Substitution of sardine oil by margarine increased adipose tissue enzymatic antioxidant defense in obese rats - Hamza Reguig Sherazad |
| 24 | Animal Science | Micellar formulation of resveratrol with an upregulating effect on BDNF & pCREB protein levels in the Cortex - Maria Lazarova, Miroslava Stefanova, Krasimira Tasheva, Lyubomira Radeva, Krassimira Yoncheva |
| 25 | Animal Science | Influence of dietary Nigella sativa seed powder supplementation on the pancreas of male japanese quail (Coturnix japonica) - Mostapha Ferrouk, Hezil Nadia, Nadia Ouakli, Abla Dahmani, Fatiha Larinouna, Khataoui Said, Djamila Baazize-Ammi, Nouria Boukenaoui-Ferrouk |
| 26 | Animal Science | Influence of dietary Nigella sativa seed powder supplementation on the liver of male japanese quail (Coturnix japonica) - Mostapha Ferrouk, Razika Boukert, Redha Djezzar, Assia Amokrane, Abla Dahmani, Khataoui Said, Dahia Saidj, Nouria Boukenaoui-Ferrouk |
| 27 | Biochemistry | Effect Of the Plant Growth Regulator 4pu-30 On Young Einkorn and Wheat Plants Exposed to Salt Stress - Irina Moskova, Iskren Sergiev, Zoia Tsekova |
| 28 | Biochemistry | Chemical Profiling and Molecular Interaction Analysis of Salvia sclarea Essential Oil: Insights into Its Antibacterial Activity - Ladjel-Mendil Amina, Amarnı Meriem, Moussaoui Hadjila, Sami-Merah Sassia, Nesrine Ahras-Sifi, Merzouagui Rania, Cherıfı Fatah |
| 29 | Bioengineering | Deep learning-based modeling of infectious disease spread using biological & epidemiological data - Fennı Mohamed, Bouharati Khaoula, Allag Fateh, Harrag Abdelmalek, Bounechada Mustapha, Abdehalim Khenchouche |
| 30 | Biology, Botany | From plasma to malt: Enhancing carbohydrate metabolism & microbial safety in barley - Dominik Kostoláni, Renáta Švubová, Monika Šperková, Dominika Haranzová, Petra Ličková, Anna Zahoranová |
| 31 | Biology, Botany | Boosting the early germination stages in maize grains after non-thermal plasma treatment - Dominika Haranzová, Petra Šrámková, Anna Zahoranová, Renáta Švubová |
| 32 | Biology, Botany | Structural Organization of the Vegetative and Floral Organs of Rosa rugosa: An Anatomical study - Gostin Irina Neta, Buzdugan Bianca Ionela, Adumitresei Lidia |
| 33 | Biology, Botany | Deep Learning-Based Identification of Environmental Factors Affecting Medicinal Plant Growth in Botany - Harrag Abdelmalek |
| 34 | Biology, Botany | Evaluating Environmental Drivers of Medicinal Plant Development Using Deep Learning - Harrag Abdelmalek |
| 35 | Biology, Botany | Cold plasma priming of maize grains modulates seedling responses to artificial infection with Alternaria alternata - Monika Šperková, Boris Kútik, Petra Ličková, Anna Zahoranová, Renáta Švubová |
| 36 | Biology, Botany | Plasma-activated barley: A new route to better malt production - Renáta Švubová, Monika Šperková, Dominik Kostoláni, Dominika Haranzová, Petra Ličková, Anna Zahoranová |
| 37 | Biomedical science | Title: Monitoring of SARS-CoV-2 Variants and Strains Through Spike Gene Sequencing: Epidemiological and Genomic Insights - Abdehalim Khenchouche, Allag Fateh, Fennı Mohamed, Harrag Abdelmalek, Bounechada Mustapha |
| 38 | Biomedical science | Deep learning-based integration of radiology & biology for early detection of lung cancer - Allag Fateh, Bouharatı Imene, Harrag Abdelmalek, Fennı Mohamed, Bounechada Mustapha, Abdehalim Khenchouche |
| 39 | Biomedical science | Phytochemical composition and biological activities of the ethyl acetate fraction from Searsia albida - Fatima-Ezzahra Derdar, Manal Zefzoufi, Rabiaa Fdil, Samir Ibenmoussa, Hafida Bouamama |
| 40 | Biomedical science | Anticarcinogenic and Anti-Inflammatory Potential of Acacia tortilis subsp. raddiana in Mouse Pulmonary Carcinogenesis - Hafida Bouamama, Diakité Lansine, Lachhab Zineb, Elmahdaoui Abdeljalil, Derdar Fatima-Ezzahra, Sokar Zahra |
| 41 | Biomedical science | Effects of Resveratrol Loaded Micelles on Cholinergic and Monoaminergic Neurotransmission in Healthy Rats - Krasimira Tasheva, Maria Lazarova, Miroslava Stefanova, Elina Tsvetanova, Almira Georgieva, Lyubomira Radeva, Krassimira Yoncheva |
| 42 | Biomedical science | Pharmacological Modulation of Immuno-Inflammatory Responses and Biochemical Disturbances Induced by a Potassium Channel Blocker - Ladjel-Mendil Amina, Nesrine Ahras-Sıfı, Sami-Merah Sassia, Cherıfı Fatah, Hadjila Moussaoui, Meriem Amarni, Merzouagui Rania |
| 43 | Biomedical science | Rewiring the Biology of Stress through Natural Neuroactive Compounds: Insights from Behavioral and Mechanistic Studies - Nadia El Marrahı, Dalila Bousta, Hicham Bekkarı |
| 44 | Biomedical science | In silico evaluation of Nigella sativa phytochemicals as inhibitors of Helicobacter pylori UreI Protein: Highlighting the microdiversity of Algerian Strains - Naïma Raaf, Ouiza Hamranı, Tigrine Chafia |
| 45 | Biomedical science | Protective effect of kaliotoxin, a potassium channel inhibitor against lipopolysaccgaride induced oxidative stress and cardiac inflammation in a mouse experimental model - Nesrine Ahras-Sifi, Ladjel-Mendil Amina, Assia Aissiou, Amarnı Meriem, Fatima Laraba-Djebarı |
| 46 | Biomedical science | Neuroprotective effects of NMDA receptor antagonism in a model of potassium channel blockade-induced neuroinflammation - Nesrine Ahras-Sifi, Ladjel-Mendil |

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| | | Amina, Assia Aissiou, Amarnı Meriem, Fatima Laraba-Djebarı |
| 47 | Bioscience | Expression pattern of superoxide dismutase under drought stress in Helianthus annuus L. - Maria Duca, Steliana Clapco, Angela Port, Ala Cherdivara, Angela Rudacova, Serghei Rudacov |
| 48 | Bioscience | Microbiome of ice samples from Livingston Island, Antarctica - Zoltan Urshev, Miroslav Tsvetkov, Verzhiniya Tsvetkova, Boyan Mednikarov, Daniela Petrova, Maria Peneva, Georgi Alexandrov |
| 49 | Biotechnology | Foliar application of plant-derived protein extracts and their effects on tomato (Solanum lycopersicum L.) vegetative growth - Angela Port, Maria Duca, Steliana Clapco, Alexandra Gaspar-Pintiliescu, Rodica Martea, Ala Cherdivara, Oana Iulia Craciunescu |
| 50 | Biotechnology | Biostimulatory potential of Nostoc sp. exometabolites on growth of sunflower (Helianthus annuus L.) - Steliana Clapco, Alexandr Antonov, Diana Cerici, Iana Vrabie, Maria Duca |
| 51 | Biotechnology | Combined nades and papain treatment enhanced hydrolysis of sunflower oil cake proteins - Alexandra Gaspar-Pintiliescu , Utoiu Elena, Angela Port, Maria Duca, Steliana Clapco, Oana Iulia Craciunescu |
| 52 | Biotechnology | Effect of phenolic extracts from almond by-products against some phytopathogenic fungi - Steliana Clapco, Angela Port, Tamara Sirbu, Maria Duca, Alexandra Gaspar-Pintiliescu, Utoiu Elena, Oana Iulia Craciunescu |
| 53 | Chemical Engineering | From apple waste to advanced adsorbents: metal oxide-functionalized biochars for sustainable removal of emerging phthalate pollutants from water - Rodica Sturza, Dmitri Lazacovici, Aliona Ghendov-Mosanu |
| 54 | Chemical Engineering | Preparation of activated charcoal from olive pomace: Application to the bleaching of edible oil - Zahir Henache |
| 55 | Chemistry | Exploring the Bioactive Potential of a Pd(II)–Paracetamol Complex: Experimental and Computational Insights - Ouiza Hamranı, Zerrouk Amina, Naïma Raaf, Kerkouche-Hank Zakia |
| 56 | Engineering | Aerodynamic & thermal effects of a cooling jet in a gas turbine: Experimental comparison - Amar Berkache |
| 57 | Environmental Science | Bacteriophage-based biocontrol as a strategy for eliminating antibiotic-resistant bacteria in freshwater treatment - Abdehalim Khenchouche, Fennı Mohamed, Bounechada Mustapha, Allag Fateh, Harrag Abdelmalek |
| 58 | Environmental Science | Biomonitoring of coastal pollution in central Algeria: Octopus vulgaris Cuvier, 1797 as a monitoring tool - Abdelmoumene GUEDIOURA |
| 59 | Environmental Science | Thorny Vegetation as an Indicator of Soil Degradation in the Semi-arid Rangelands of El-Ouricia, Central Sétif Province, Algeria - Aissaoui Mohamed Ridha, Toufik Soul, Boutheldja Kamel |
| 60 | Environmental Science | Descriptive approach to physicochemical water quality in the Cheliff reservoir- Algeria - Djaouida Bouchelouche, Ghiles Smaoune, Nassima Doukhandji, Nassima Sellam |
| 61 | Environmental Science | Heavy metals and ecological vulnerability of the Ghrib reservoir in Algeria - Djaouida Bouchelouche, Imane Saal, Nassima Doukhandji, Ceria Hamache |
| 62 | Environmental Science | On the certain identification in ROSCI0135 Bârnova-Repedea forest of a species of community importance with an extremely disjunct distribution in Romania: Cordulegaster heros (Balkan Goldenring) - Irinel Eugen Popescu |
| 63 | Environmental Science | Harnessing Dual-Action Bacteria for Sustainable Agriculture - Mohd Ashraf Dar, Ebru Koca Akkaya |
| 64 | Environmental Science | Quantitative Analysis of Activated carbon-Based Treatment for Oganophosphate Ester Removal from Water and Wstewater - Raana Fahim, Ebru Koca Akkaya |
| 65 | Environmental Science | From Plant Gums to Clean Water: Functional Modification and Pollutant Removal for Sustainable Water Remediation - Sunita Ranote |
| 66 | Food Science | Contribution to the development of a dietary supplement based on beetroot and orange - Benyoub Noreddine |
| 67 | Food Science | The Effects of Honey Addition on Color Change and Moisture Retention in Cooked Rice During Warm Holding - Hiroko Seki |
| 68 | Food Science | Thermal stability of anthocyanins in protein/tart cherry complexes - Mirela Kopjar, Vanja Kelemen, Ivana Buljeta, Anita Pichler |
| 69 | Food Science | Flavour profile of chokeberry pomace: Characterisation of volatile compounds by SPME–GC–MS - Mirela Kopjar, Antun Jozinović, Ivana Ivić, Anita Pichler |
| 70 | Food Science | Evaluation of the effect of Atriplex halimus L. consumptionon on renal profile in Swiss mice - Soraya Aınad Tabet, Abir Haddi, Hanane Negaoui, Samia Addou |
| 71 | Medical Science | Temporal trends in human brucellosis in pastoral provinces in Algeria (2016–2025) - Amina Samia DECHICHA, Ismail GHARBI, Benalia LADJAL, Hezıl Nadia, Djamila BAAZIZE-AMMI, Seddik KEBBAL |
| 72 | Medical Science | Thrombophilia Testing in Stroke: Indications, Limitations, and Clinical Impact - Nabila Aouam |
| 73 | Medical Science | Bacterial Etiology and Antimicrobial Resistance of Urinary Tract Infections in Beni Abbes, Southwest Algeria - Yagoubı Ahmed |
| 74 | Pharmaceutical Sciences | Formulation and Physicochemical Characterization of Caffeine-Loaded Periorbital Films - Boutefnouchet Fériel, Djebbar Mohamed, Chaffai Nacera |

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| 75 | Pharmaceutical Sciences | Development & characterization of a clove-based dental gel for the treatment of periodontal diseases - Boutefnouchet Fériel, Djebbar Mohamed, Djahoudi Abdelghani, Hadef Youcef, Chaffai Nacera |
| 76 | Pharmaceutical Sciences | Multitarget dermo-cosmetic potential of Trigonella foenum-graecum L. seed extract: enzyme inhibition and antimicrobial activity - Asma Enmili, Maroua Ait Tastift, Fatima Zohra Taleb, Maryem Bouabidi, Chemseddoha Gadhı |
| 77 | Pharmaceutical Sciences | Chromatographic Identification of Flavonoids and Antioxidant Activity of the Methanolic Extract of Prasium majus L. - Hadef Youcef |
| 78 | Veterinary | Knowledge, attitudes, and practices of veterinarians regarding brucellosis in Algeria: association with professional experience - Amina Samia DECHICHA, Ismail GHARBI, Benalia LADJAL, Hezıl Nadia, Soumia ARAB, Nesrine BAHRIA, Djamila BAAZIZE-AMMI |
| 79 | Veterinary | Diagnostic performance of the California mastitis test in dairy camels: Bacteriology & microscopic somatic cell count - Benalia Ladjal, Ismail Gharbi, Amina Samia Dechicha, Djamila Baazize-Ammi, Hezıl Nadia |
| 80 | Veterinary | Evaluation of PortaSCC® for the detection of subclinical mastitis in dairy camels. Abstract - Benalia Ladjal, Ismail Gharbi, Amina Samia Dechicha, Djamila Baazize-Ammi, Hezıl Nadia |
| 81 | Veterinary | Effects of essential oils on rabbit reproduction - Yahıa Achour, Hamrat Khadidja, Tarzaali Dalila, Hammamı Nabila, Mansourı Maroua, Charıf Toufik |
| 82 | Pharmaceutical Sciences | Slimane Chaıbı, Zahnit Wafa, Sihem Boubekeur, Nabil Boulahlıb, Kacı Zakıa, Lilya Harchaouı |
| 83 | Pharmaceutical Sciences | Sihem Boubekeur, Slimane Chaıbı, Nabil Boulahlıb, Mounia Alaımıa, Hıcham Imoudache |
| 84 | Agriculture | Behavioural and Ecophysiological Diversity of Native Perennial Grasses as a Basis for Rangeland Restoration in Arid Tunisia - Khouloud Zagoub, Mohamed Chaieb |
| 85 | Agriculture | Effects of the water box system on the performance of newly planted olive (*Olea europaea L.*) & Carob (*Ceratonia eiliqua L.*) Trees - Cherifa Chaouia |
| 86 | Agriculture | Morpho-physiological Leaf Traits of Three Common Wheat (*Triticum aestivum L.*) Varieties Grown under Rain-fed Conditions during an Exceptionally Wet Growing Season in the Semi-arid Region of Sétif, Algeria - Aissaoui Mohamed Ridha, Amor Mehenni |

# ONLINE POSTER SESSION

**All posters will be presented in electronic format (e-posters) during the congress in the main hall and will also be accessible online.**

| # | Subject Area | TITLE AND AUTHORS |
|---|---|---|
| 1 | Agriculture | Assessment of morphological and physiological responses in watermelon (Citrullus lanatus) and melon (Cucumis melo) to water deficit - Elena Topalova, Nikolay Velkov |
| 2 | Agriculture | Knowledge and Use of Wild Plants in Albania - Eva Ceka, Ilir Lloha |
| 3 | Agriculture | Synergistic combinations of essential oils and their major constituents against Tribolium species: A systematic review - Warda Abnaamar, Houssam Annaz, Francesco Cacciola, Jbılou Rachid, Ahmed Aarab, Noureddin Bouayad, Kacem Rharrabe |
| 4 | Animal Science | Prevalence and Distribution of Endoparasites in Sheep and Goats in Biskra Province, Algeria - Hayet Aouragh, Samra Bellaggoune, Ouiam Bouharaoua, Messaouda Bettayeb |
| 5 | Aquaculture & Biosystems | Organ-Specific Distribution of Lipophilic Shellfish Poisons in Mussels from the Agadir Coastal Region. - Erzini Mohamed Ali, Abouabdellah Rachid, Safaa Chafi, Bennouna Asmae, Mohamed Alahyane, Yousra Chedaf, Ajana Rabiaa, Lamani Halima |
| 6 | Biochemistry | Antioxidant Potential and Phenolic Compound Content of Daphne gnidium Leaves - Chaouche Massika |
| 7 | Biochemistry | A Novel İmmunosensor for the Determination of Visfatin, One of the Obesity Biomarkers - Hakkı Mevlüt ÖZCAN, Sabriye KÖKSAL FİLİZ |
| 8 | Biochemistry | Leaf Extracts of Salicornia europaea: Bioactive Potential and Their Valorization through Nanoemulsification for Sustainable Agricultural Applications - Hanae H'Daidane, Saliha Gharbı, Laglaouı Amın, Bakkali Mohammed, El Galıou Ouıam, Dumas Emilie, Lamhamdı Mostafa, Gharsallaoui Adem |
| 9 | Biochemistry | Nutraceutical and Antioxidant Evaluation of Ruby Bolet (Hortiboletus rubellus): Chromatographic Analysis of Secondary Metabolites and Mineral Composition - Salih Yıldız, Hakkı Mevlüt ÖZCAN, Engin ASAV |
| 10 | Bioscience | A New offline lightweight software that views tertiary structures of proteins - Erdem Ersoy, Ercan Ersoy |
| 11 | Bioscience | Modeling for the Nogo-60 region of Nogo-A protein by AlphaFold - Erdem Ersoy, Ercan Ersoy, Ayhan Ünlü |

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| 12 | Bioscience | Antibacterial effects of selected Algerian medicinal plants extracts on genitourinary methicillin resistant staphylococcus aureus - Tayebi Imene, Bousmaha-Marroki Leila, MARROKI Ahmed |
| 13 | Biotechnology | Biogenic AgNP-Chitosan Nanocomposite Coating for Antibacterial and Anti-Adhesion Applications - Hamza Ettadili, Caner Vural |
| 14 | Biotechnology | Influence of Solvent-Free Microwave Extraction (SFME) Parameters on Rosemary Essential Oil Yield and Post-Distillation Residue Characteristics - Ibtissam Baguena, Yousra Zantar, Said Zantar, Amin Laglaouı, Mounir Hassani Zerrouk |
| 15 | Chemical Engineering | Experimental Study of the Refractive Index of a Binary Liquid Mixture Of 2-Chloropropane and Diisopropyl Ether at Different Temperatures. - Linda Boussaıd, Amıreche Fouzia, Zouaghı Nafila |
| 16 | Chemistry | Phytochemical Profile and characterization of Myrtle Flavonols - Chaouche Massika |
| 17 | Chemistry | Inhibition of Sulfate-Reducing Bacterial Activity Using Bactericidal Inhibitors - Jamala Babayeva, Fatmakhanym Aliyeva, Durna Agamaliyeva, Kamala Israfilova, Lala Huseynova |
| 18 | Chemistry | Synthesis of monoesters of vicinal dicarboxylic acids & their evaluation as bactericidal corrosion inhibitors - Jamala Babayeva, Fatmakhanym Aliyeva, Durna Agamaliyeva, Kamala Israfilova, Lala Huseynova |
| 19 | Chemistry | The effect of chemical structure on the radical scavenging properties of phenolic compounds - Gizem Sertuna, Şebnem Selen İşbilir |
| 20 | Environmental Science | Spatial turnover and seasonal variation of crustacean assemblages in Ilaman & Guma, Himara coast - Brunilda Veshaj, Denada Sota, Stela Ruci, Julinda Sinaj, Anisa Toska, Arlinda Kakaci, Sabrina Abazaj, Sajmir Beqiraj |
| 21 | Environmental Science | Assessment of Phosphorus Concentrations in Urban Wastewater Discharges to the Lana River, Tirana, Albania - Fatos Huqi, Xhuljo Sema, Vjola Bakillari, Eugen Skura, Seit Shallari, Ilir Kristo, Ferdi Brahushi, Irena Duka, Fatbardh Sallaku |
| 22 | Environmental Science | Photocatalytic decolorization of textile dyes using green-synthesized AgNPs - Hamza Ettadili, Caner Vural |
| 23 | Environmental Science | Mainstem-Tributary Contrasts in Microbiological Water Quality of the Vjosa River Basin, Albania: A Spatiotemporal Assessment - Kerol Saçaj |
| 24 | Environmental Science | Functional Modes and Photosynthetic Performance in Plant Communities: Ecosystem Resilience under Climate Change - Larouk Chafia, Larouk Chafia, Mordelet Patrick.mordelet, Djekoun Abdelhamid |
| 25 | Environmental Science | Water quality assessment & ecological characterization of Hamlil river (North-Central Algeria) - Mouna Hafıane, Nassima Doukhandji, Nadjat Bebba, Mohammed Mebarkı |
| 26 | Environmental Science | Temporal evolution of rotifer communities in the beni-amrane dam in relation to water physicochemical characteristics: An Interannual Comparison - Nassima Doukhandji, Ghiles Smaoune, Djaouida Bouchelouche, Mouna Hafıane, Abderaouf Chıhanı, Rima Kıdj, Douaa Touatı |
| 27 | Environmental Science | Summary of the Physicochemical and Biological Study of the Oued El Harrach Hydrographic Network - Nassima Doukhandji, Mouna Hafıane, Djaouida Bouchelouche, Doha Bentelıdjan, Ahlem Dıdouche |
| 28 | Environmental Science | Assessing Low-Carbon Development Pathways in ASEAN: An Integrated Analytical Framework - Shasha Tian, Gengyu Gao, Fengting Li |
| 29 | Environmental Science | Insights of pollution trend through BDI analysis in Ishem River, Albania - Vjola Saliaga, Vjola Bakillari, Seit Shallari, Ferdi Brahushi, Fatbardh Sallaku, Ilir Kristo |
| 30 | Environmental Science | Assessment of Total Nickel Concentrations in the Ishëm River Basin, Albania - Vjola Bakillari, Vjola Saliaga, Fatos Huqi, Xhuljo Sema, Eugen Skura, Irena Duka, Ferdi Brahushi, Ilir Kristo, Fatbardh Sallaku, Seit Shallari |
| 31 | Environmental Science | Total Nitrogen Concentration in Wastewater Discharged into the Lana River, Tirana, Albania - Xhuljo Sema, Fatos Huqi, Vjola Bakillari, Irena Duka, Eugen Skura, Fatbardh Sallaku, Seit Shallari, Ilir Kristo |
| 32 | Food Science | Microbiological Safety of Street-Vended Meat Products (Shawarma and Brochettes) Sold in Biskra, Algeria - Sara Boulmaiz |
| 33 | Food Science | Combined effect of a bioactive edible coating and modified atmosphere packaging on the postharvest quality of raspberries - Yousra Zantar, Ibtissam Baguena, Younes Noutfıa, Laglaouı Amın, Mounir Hassani Zerrouk, Said Zantar |
| 34 | Medical Science | Gastric Intestinal Metaplasia: Insights from an Albanian Cohort - Ejona Kacurri, Arjana Ylli, Altin Cekodhima, Gentiana Cekodhima, Rozana Aleksi, Elona Lika |
| 35 | Other Life Sciences | Wild Edible Plants of Albania: Traditional Knowledge, Culinary Uses, and Their Role in Sustainable Modern Nutrition - Eva Ceka, Ilir Lloha |
| 36 | Pharmaceutical Sciences | Development of a Phosphate -Based Bioactive Glass by the Sol-Gel Process Physicochemical Characterisation - Houamria Hamza, Belhachem Alı, Layachı Fayçal, Belleılı Mehdi |
| 37 | Pharmaceutical Sciences | Nanostructured carrier systems for antioxidants in semi-solid topical formulations: narrative review of formulation, stability and safety - Ina Zela, Brunilda Myftari |

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| 38 | Veterinary | Expression of BMP7 during somitogenesis and early skeletal development in chicken embryos - Georgi Petrov, Desislava Abadjieva, Vanya DimitrovaA |
| 39 | Veterinary | Diversity, Prevalence and Distribution of Ectoparasites in Sheep and Goats in Biskra Province, Algeria - Hayet Aouragh, Samra Bellaggoune, Messaouda Bettayeb, Ouiam Bouharaoua |
| 40 | Veterinary | Comparative Morphological and Vitality Analysis of X- And Y-Chromosome Bearing Ram Spermatozoa - Krasimir Kotzev, Elitsa Peltekova, Yana Golemanova, Eliza Radneva, Raya Ilieva, Rossen Stefanov, Desislava Abadjieva |
| 41 | Veterinary | Lumbosacral diseases in working dogs: causes, diagnosis and management strategies - Nadia HAFID |
| 42 | Biotechnology | Hydrochemical and Microbiological Caracterization of Hammam El Bibane Hot Spring, Algeria - Abdellaoui Wiza |
| 43 | | |