

Organizers:



10th International Congress on Advances in Bioscience and Biotechnology (ICABB 2026)

14–17 September 2026 in Aksaray, Türkiye

Welcome to
ICABB 2026!



PROGRAMME BOOK

**10th INTERNATIONAL CONGRESS ON ADVANCES IN
BIOSCIENCE AND BIOTECHNOLOGY
(ICABB 2026)**

September 14-17, 2026

Scientific Program

**DAY 1
September 15, 2026**

OPENING CEREMONY

09:00 Registration

**OPENING SPEECHS
MEHMET AKİF ERSOY CONFERENCE HALL
Protocol and Conference Chairs**

09:30	Prof. Dr. İlker Camkerten President ESBiotech	Welcome Speech
	Prof. Dr. Hesham Chair ICABB	Welcome Speech
	Prof. Dr. Tahir Karaşahin Chair ICAVST	Welcome Speech
	Prof. Dr. Alpay Arıbaş - Rector	Welcome Speech

Welcome Cocktail 10:00

MEHMET AKİF ERSOY CONFERENCE HALL - SESSION 1

Keynote & Invited Speakers

10:30	Prof. Dr. Hesham A. El Enshasy Orientation Speech	Writing the Future with Molecules: The Biotechnology Revolution in the Bioeconomy
10:50	Prof. Dr. Ida Idayu Muhamad Keynote Speech	Engineering functional biomaterials for one health: Integrating food, human health and circular bioeconomy
11:10	Prof. Dr. Muhamed Katica Keynote Speech	Free-roaming dog population in Montenegro from the perspective of local veterinarians: An assessment of population size and welfare conditions in dog shelters
11:30	Prof. Dr. İlker Çamkerten Orientation Speech	One Health

LUNCH BREAK (12:30 - 13:30)

FLOMINGO HALL - ICABB SESSION 2

Chair

13:30	Dr. Mukadderat Gökmen Keynote Speech	Food safety & health: Functional foods with a focus on yoghurt
13:45	Dr. Dayang Norulfairuz Binti Abang Zaidel Keynote Speech	Optimization process for enhancing glucomannan quality and reducing calcium oxalate in amorphophallus sp.
14:00	Dr. Mohamed A. A. Abdelhamid	Novel microbial biocatalyst for enhanced biodegradation of endocrine-disrupting chemicals
14:15	Dr. Sri Rahayu	Anticancer regulation of simpor extract (dillenia suffruticosa) against mcf-7 cell line
Coffee Break		

FLOMINGO HALL – ICABB SESSION 3

Chair

14:30	Prof. Dr. Dalia Sukmawati	Gluten-immobilized yeast, lactic acid bacteria starter cultures improve the physicochemical properties, antioxidant capacity, and volatile profiles of fermented cocoa beans
14:45	Prof. Dr. Avnish Pareek	From allelopathic biomass to functional soil amendment: optimizing humification of prosopis wood through fenton oxidation, response surface methodology, and biological validation
15:00	Dr. Ghania Chaib	Phytochemical study and biological valorization of date palm kernel extracts (Phoenix dactylifera L.)
15:15	Dr. Nassira Riah	Differences in nodule and shoot development in forage pea and lentil are linked to the rhizobial genotype
15:30	Dr. Ali Riza Babaoglu,	Preparing for the next Pandemic: Emerging viruses, one health, climate change, and emerging technologies
Coffee Break		

MALAKLI HALL - ICAVST SESSION 2

Chair Asst. Prof. Dr. Gaye BULUT

13:30	Dr. Gaye Bulut	Unexpected uterine leiomyosarcoma in an experimental female wistar rat: multimodal characterization of an incidental finding
13:45	Dr. Gaye Bulut	Incidental uterine hydrometra in an experimental female Wistar rat: a multimodal case assessment
14:00	Emre Taşmertek	Determination of the effects of in ovo administered di-isobutyl phthalate on the proximal tibial growth plate of chicken embryos
14:15	Melih Taşmertek	Potential use of toll-like receptor 2 agonists as vaccine adjuvants in the prevention of bovine mastitis
Coffee Break		

MALAKLI HALL - ICAVST SESSION 3

Chair Asst. Prof. Dr. Melek AYDEMİR HÖKELEKLİ

14:30	Dr. Melek Aydemir Hökelekli	Investigation of zoonotically important capnocytophaga and pasteurilla species in the oral microbiota of dogs in Aksaray province
14:45	Ayşenur Tural Çifçi	A case of squamous cell carcinoma in the ear lumen of a cat
15:00	Dr. Fehmiye Gümüş Özdi	Osteosynthesis of a rostral segmental maxillary fracture using a mini titanium locking plate in a dog
15:15	Berna Öztürk	From microbiota balance to systemic immune response: immunomodulatory effects of probiotics in dogs
15:30	Fatih Aytekin	The Role of Intestinal Dysbiosis in Leaky Gut Syndrome
Coffee Break		

CONFERENCE HALL – POSTER SESSION ICABB & ICAVST

Chair

16:00	Dr. Amina Bellatreche	Molecular valorization and diversity of saharan bread wheat and durum wheat in Algeria.
16:00	Ebru Taşkıran	Evaluation of the effect of acoustic enrichment on behavioral and physiological stress indicators in stray cats temporarily housed in single cages with the cat stress score (css) and infrared thermography
16:00	Sinasi Borgahan Deniz	Beyond radiography: bronchoscopy as the gold standard in feline and canine respiratory tract diseases
16:00	Aslinur Koca	Immunohistochemical localization and distribution of ppar gamma in the bitches uterus during the estrous cycle

DAY 2 September 16, 2026

ONLINE SESSION ICABB & ICAVST

Chair

10:00	Prof. Dr. Mona Elsayed Aboutabl Keynote Speech	Novel Therapeutic Perspectives for Hypertrophic Cardiomyopathy Management
10:15	Dr. Ernesto Hernandez Keynote Speech	Deconstructing the substrate: Component-resolved limits to the anaerobic valorisation of lignocellulosic biomass
10:45	En. Mohd Farid Ismail	Effect of different light treatment on morphophysiological, yield and phytochemical content of arugula microgreens
11:00	Puan Nooraina Atira Binti Alaudin	Optimization of wolffia sp. Cultivation parameters for enhanced biomass production as a sustainable poultry feed ingredient
11:15	Dr. Abd Rahman Jabir Mohd Din	Effect of different light treatment on morphophysiological, yield and phytochemical content of arugula microgreens
11:30	Pn. Noorafizah Binti Dzahir	Feed for Malaysian mahseer, tor tambroides (bleeker, 1854) cultured in captivity

11:45	Tc. Salimah Ab Malik	Quantitative assessment of histamine accumulation in Malaysian animal-based fermented foods using high-performance liquid chromatography with diode array detection (hplc-dad)
12:00	ChM. Khairunnisa Binti Embi	Development and optimization of hplc method for lactic acid detection in commercial prebiotic
12:15	Intan Baizura Firda Mohamed	Fish-waste-derived biofertilizer: a sustainable strategy for circular economy approach
12:30	Dr. Naima Hadjadj	Wheat Germ Stabilisation: Effects on Protein Profile and Nutritional Integrity
13:30	Dr. Ferhan Bölükbaş	Histological and histometric investigation of the spleen in blind mole rat (<i>nannospalax xanthodon</i>) (rodentia: spalacidae)
13:45	Emel Aksoy	Investigation of some enteric viruses in dogs
14:00	Lale Çivi	Investigation of effects of combined trichodoll® and cutibacterium granulosum administration on total oxidant status and total antioxidant status in sheep with dermatophytosis
14:15	Damla Çiğdem Saygı	Prospective evaluation of oxidative stress and hematologic indices in dogs with systemic inflammatory response syndrome
14:30	Almina Gunes	Evaluation of serum tumor necrosis factor- α , interleukin-1 β , and interleukin-6 levels in sheep with dermatophytosis
14:45	Dr. Ahmet Cihat Tunç	Evaluation of homocysteine and neutrophil-to-lymphocyte ratio as biomarkers in bovine respiratory disease
15:00	Dr. Uğur Kara	Comparison of three different treatment methods for subclinical mastitis in assaf ewes
15:15	Dr. Hatice Yaren Kuloglu	Comparative functional histology of the digestive system in falco cherrug and related falconiformes species
15:30	Sümeysra Kar	Investigation of growth differentiation factor-15 (gdf-15) levels in cats with hypertrophic cardiomyopathy
15:45	Dr. Meziane Rahla	Fertility management in dairy cow
16:00	Oussama Mahmoudi	Advances in animal housing design and their physiological impact on livestock health and productivity
16:15	Ahmed Jamila Mashi	Aspergillus fumigatus metabolites and conidial suspensions: novel biocontrol agents for major malaria vector anopheles mosquito larvae from sub-saharan africa
16:30	Dayyabu Shehu	Inhibitory activity of total glutathione s transferase activity in albino rats by ethanolic extracts of adansonia digitata
16:45	Adamu Jibril Alhassan	Insecticide resistance, vector dynamics and dengue transmission in Nigeria: a systematic review and meta-analysis
17:00	Maryam Abdulkadir Dangambo	Influence of physicochemical parameters on anopheles gambiae larval density in rural and peri-urban settings of kano state, Nigeria
17:15	Monisha Isaac	Green biotechnology approaches for controlling fish-borne zoonotic diseases and antimicrobial resistance: a one health perspective
17:30	Mona Elsayed Aboutabl	Novel therapeutic perspectives for hypertrophic cardiomyopathy management
17:45	Mai Magdy Elsayed	A proposed combined chitosan–mesenchymal stem cell strategy for helicobacter pylori management: molecular docking evaluation of major virulence factors
18:00	Leyla Galandarli	In silico characterization of glycyrrhizin admet properties: pharmacokinetic behavior, metabolic profile, and toxicity assessment

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your contributions



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