

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

**In conjunction with 11th INTERNATIONAL CONGRESS ON ADVANCES IN
VETERINARY SCIENCES AND TECHNIQUES (ICAVST 2026)**

**DAY 1
September 15, 2026**

OPENING CEREMONY

09:00 Registration

**OPENING SPEECHS
MEHMET AKİF ERSOY CONFERENCE HALL**

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

Welcome Cocktail 10:00

**SESSION 1
MEHMET AKİF ERSOY CONFERENCE HALL**

10:30	Prof. Dr. Hesham A. El Enshasy Orientation Speech	Bioeconomy of Antibiotic Industries: Current and Future Trends
11:00	Prof. Dr. Ida Idayu Muhamad Keynote Speech	Engineering functional biomaterials for one health: Integrating food, human health and circular bioeconomy
11:30	Prof. Dr. Mukadderat Gökmen Keynote Speech	Food safety & health: Functional foods with a focus on yoghurt

LUNCH BREAK (12:30 - 13:30)

SESSION 2
FLOMINGO HALL

Chair Prof. Dr. Hidayet Metin Erdoğan

13:30	Dr. Dayang Norulfairuz Binti Abang Zaidel Keynote Speech	Optimization process for enhancing glucomannan quality and reducing calcium oxalate in <i>amorphophallus</i> sp.
13:45	Dr. Mohamed A. A. Abdelhamid Keynote Speech	Novel microbial biocatalyst for enhanced biodegradation of endocrine-disrupting chemicals
14:00	Dr. Sri Rahayu	Anticancer regulation of simpor extract (<i>dillenia suffruticosa</i>) against mcf-7 cell line
14:15	Dr. Dalia Sukmawati	Gluten-immobilized yeast, lactic acid bacteria starter cultures improve the physicochemical properties, antioxidant capacity, and volatile profiles of fermented cocoa beans
Coffee Break		

SESSION 3
FLOMINGO HALL

Chair Prof. Dr. Hidayet Metin Erdoğan

14:30	Dr. Ghania Chaib	Phytochemical study and biological valorization of date palm kernel extracts (<i>Phoenix dactylifera</i> L.)
14:45	Dr. Nassira Riah	Differences in nodule and shoot development in forage pea and lentil are linked to the rhizobial genotype
15:00	Dr. Ali Rıza Babaoglu	Preparing for the next Pandemic: Emerging viruses, one health, climate change, and emerging technologies
15:15	Dr. Semir Bechir Suheil Gaouar	Genetic diversity of Algerian durum wheat landraces assessed by SSR markers
15:30	Dr. Gaye Bulut	Incidental uterine hydrometra in an experimental female Wistar rat: a multimodal case assessment
15:45	Dr. İlker Camkerten	One health: The role of veterinary medicine
Coffee Break		

SESSION 4
MALAKLI HALL

Chair Prof. Dr. Hidayet Metin Erdoğan

14:30	Dr. Melek Aydemir Hökelekli	Investigation of zoonotically important capnocytophaga and pasteurella species in the oral microbiota of dogs in Aksaray province
14:45	Dr. Fehmiye Gümüş Özdil	Osteosynthesis of a rostral segmental maxillary fracture using a mini titanium locking plate in a dog
15:00	Berna Öztürk	From microbiota balance to systemic immune response: immunomodulatory effects of probiotics in dogs
15:15	Emre Taşmerteke	Determination of the effects of in ovo administered di-isobutyl phthalate on the proximal tibial growth plate of chicken embryos
15:30	Melih Taşmerteke	Potential use of toll-like receptor 2 agonists as vaccine adjuvants in the prevention of bovine mastitis
15:45	Fatih Aytekin	The role of intestinal dysbiosis in leaky gut syndrome

Coffee Break

CONFERENCE HALL –POSTER SESSION

Chair Assoc. Prof. Dr. Osman KARABULUT

16:00	Dr. Amina Bellatreche P1	Molecular valorization and diversity of saharan bread wheat and durum wheat in Algeria.
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DAY 2
September 16, 2026

ONLINE SESSION

10:00	Dr. Ferhan Bölükbaş	Histological and histometric investigation of the spleen in blind mole rat (<i>nannospalax xanthodon</i>) (rodentia: spalacidae)
10:15	En. Mohd Farid Ismail	Effect of different light treatment on morphophysiological, yield and phytochemical content of arugula microgreens
10:45	Puan Nooraina Atira Binti Alaudin	Optimization of wolffia sp. Cultivation parameters for enhanced biomass production as a sustainable poultry feed ingredient
11:00	Dr. Abd Rahman Jabir Mohd Din	Microbially produced inoculant accelerates lignocellulosic compost maturation through cooperative bacterial-fungal interactions.
11:15	Pn. Noorafizah Binti Dzahir	Feed for Malaysian mahseer, <i>tor tambroides</i> (bleeker, 1854) cultured in captivity
11:30	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)
11:45	ChM. Khairunnisa Binti Embi	Development and optimization of hplc method for lactic acid detection in commercial prebiotic
12:00	Intan Baizura Firda Mohamed	Fish-waste-derived biofertilizer: a sustainable strategy for circular economy approach
12:15	Dr. Naima Hadjadj	Wheat germ stabilisation: Effects on protein profile and nutritional integrity
12:30	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
12:45	Dr. Aisha Perveen	Comparative toxicological effects of cypermethrin, lambda-cyhalothrin, dimilin, and biosal on DNA and RNA contents of the cotton pest <i>dysdercus koenigii</i> at IC ₅₀ concentrations

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