

Sivas Cumhuriyet University
**4th INTERNATIONAL CONGRESS OF VETERINARY
BIOCHEMISTRY AND CLINICAL BIOCHEMISTRY**

September 04-07, 2025 / Sivas, Türkiye



DÜZCE
ÜNİVERSİTESİ



-CONGRESS PROGRAM-

Zoom ID: 883 9498 5602 / Zoom Passcode: 040404

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- Moderator is responsible for the presentation and scientific discussion (question-answer) section of the session.

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Opening Ceremony

Sivas Cumhuriyet University, 100th Year Cultural Center

04.09.2025 09:30-10:15	PRESIDENT OF THE CONGRESS Prof. Dr. Nazlı ERCAN Sivas Cumhuriyet University Faculty of Veterinary Department of Biochemistry Dr. Yeter ÇİLESİZ Member of the Scientific Board of the IKSAD Institute HONORARY PRESIDENT OF THE CONGRESS Prof. Dr. Ahmet ŞENGÖNÜL Sivas Cumhuriyet University Rector
04.09.2025 10:15-10:30	<i>COFFEE BREAK</i>

1st In-person Session

Sivas Cumhuriyet University, 100th Year Cultural Center

Moderator: Prof. Dr. Hamdi UYSAL & Prof. Dr. Zafer BULUT	
04.09.2025 10:30-11:00	INVITED SPEAKER Prof. Dr. Khalid Rahman- Liverpool John Moores University <i>“Aged Garlic Extract and Inhibition of Platelet Aggregation, the Inside Story!”</i>
04.09.2025 11:00-11:30	INVITED SPEAKER Prof. Dr. Omar M. Atrooz- Mutah University & Al-Ahliyya Amman University <i>“Calixarene as a New Approach for Global Health”</i>
04.09.2025 11:30-12:00	INVITED SPEAKER Prof. Dr. Ralf JACOB- Philipps University of Marburg <i>“Cell Biology of Galectin-3”</i>
04.09.2025 12:30-13:30	<i>LUNCH</i>

2nd In-person Session

Sivas Cumhuriyet University, 100th Year Cultural Center

Moderator: Prof. Dr. Berrin SALMANOĞLU & Prof. Dr. Atila ATEŞ

04.09.2025
13:30-14:30

EPIGENETICS AND THE EPIGENETIC EFFECTS OF VITAMIN D
Fatmagül YUR, Güzide Zeynep TAN

THE RELATIONSHIP BETWEEN TROPONIN AND ADAMTS IN
PATIENTS WITH ACUTE CORONARY SYNDROME
*Kübra MADEN, Hasan Basri ÇETİNKAYA, Adnan Adil
HİŞMİOĞULLARI*

INTRACELLULAR METABOLISM OF NaF
Semiha DEDE, Ayşe USTA, Veysel YÜKSEK

EFFECTS OF NON-THERMAL PLASMA APPLICATION ON AIR
QUALITY AND PERFORMANCE PARAMETERS IN BROILER
PRODUCTION
Melisa TAŞCI

3rd In-person Session

Sivas Cumhuriyet University, 100th Year Cultural Center

Moderator: Prof. Dr. Semiha DEDE & Prof. Dr. Cevat NİSBET

04.09.2025
14:30-15:30

BEYOND ANTIOXIDANTS: APOPTOTIC PATHWAY MODULATION
BY ONOPORDUM ACANTHIUM IN CANCER CELL LINES AND
COMPUTATIONAL MODELS
Dilek Nur BESTİL, Hamdi UYSAL, Osman TUGAY

INVESTIGATION OF THE POSSIBLE PROTECTIVE EFFICACY OF
RUTIN AND TAXIFOLIN AGAINST ISCHEMIA/REPERFUSION
INJURY IN THE RAT OVARY
Mehmet Hanifi AKGÜN, Pınar COŞKUN, Hilal ÖZÇİFLİKÇİ

EFFECTS ON N- ACETYLCYSTEINE (NAC) ON BRAIN
ALUMINUM TOXICITY IN RATS
Pınar BULUZ, Pınar COŞKUN, Hilal ÖZÇİFLİKÇİ

INVESTIGATION OF THE ANTIOXIDANT CONTENT OF ISABELLA
GRAPE (VITIS LABRUSCA L.)
Semanur BAYBURTLU, Tevhide SEL

ANTIOXIDANT CONTENT OF CARDAMOM OIL EXTRACT AND
ITS EFFECTS ON CHRONIC LYMPHOCYTIC LEUKEMIA CELLS
(CLL)
Sena TIRAŞ, Nazlı ERCAN, Tevhide SEL

04.09.2025
15:30-15:45

COFFEE BREAK

1st In-person Panel

Big Data, Artificial Intelligence and Biochemistry: The Scientific Bridge of the Future
Sivas Cumhuriyet University, 100th Year Cultural Center

Moderator: Prof. Dr. Merve ALPAY	
04.09.2025 16:00-16:45	Assoc. Prof. Dr. Özkan DURU Kırıkkale University
	Assoc. Prof. Dr. Burcu Menekşe BALKAN Burdur Mehmet Akif Ersoy University
	Assist. Prof. Dr. Tolgay ERCAN Sivas Cumhuriyet University
04.09.2025 16:45-17:00	<i>COFFEE BREAK</i>

4th In-person Session

Sivas Cumhuriyet University, 100th Year Cultural Center

Moderator: Prof. Dr. Hasret YARDİBİ & Prof. Dr. Hacı Ahmet DEVECİ	
04.09.2025 17:00-17:30	NEOPTERIN AND PROCALSITONIN LEVELS IN SHEEP INFECTED WITH ECTHYMA <i>Kadir BOZUKLUHAN, Halil AYVAZOĞLU, Oğuz MERHAN</i>
	TOTAL SIALIC ACID AND PROCALCITONIN LEVELS IN CATTLE WITH PARATUBERCULOSIS <i>Halil AYVAZOĞLU, Kadir BOZUKLUHAN, Oğuz MERHAN</i>
	EFFECTS OF ORAL BORON AND VITAMIN D SUPPLEMENTATION ON BORON, IRON, COPPER, ZINC, AND VITAMIN D LEVELS IN RAT BRAIN TISSUE <i>Azra Mila ERYAVUZ, Mehmet BAŞEĞMEZ, Fahriye KAN, İsmail KÜÇÜKKURT, Abdullah ERYAVUZ</i>

5th In-person Session

Sivas Cumhuriyet University, 100th Year Cultural Center

Moderator: Prof. Dr. Tevhide SEL & Prof. Dr. Feraye ESEN GÜRSEL	
04.09.2025 17:30-18:00	THE EFFECT OF INTERMITTENT FASTING AND EXERCISE APPLICATION ON SERUM IRISIN AND IGF-1 LEVELS IN RATS <i>Miray ACAR, Serap ÜNÜBOL AYPAK</i>
	CHANGES IN CIRCADIAN CLOCK-RELATED GENE PROTEINS DEPENDING ON MIGRATION PERIODS IN MIGRATORY BIRDS <i>Paria İSFENDİYAROĞLU, Cevat NİSBET</i>
	INFLAMMATION AND HYPOXIA IN OBSTRUCTIVE SLEEP APNEA: ANALYSIS OF IL-1 β AND HIF1 α N SERUM LEVELS <i>Sare UYURC A, Merve ALPAY</i>

Dinner

04.09.2025, 18:30-21:00

6th In-person Session

Sivas Cumhuriyet University, 100th Year Cultural Center

Moderator: Prof. Dr. Ayşegül BİLDİK & Prof. Dr. Hasan AKŞİT

05.09.2025
09:00-09:40

EVALUATION OF THE ANTIOXIDANT COMPOSITION OF ROYAL JELLY AND ITS EFFECTS ON COLORECTAL ADENOCARCINOMA AND BREAST CANCER CELL LINES

Merve EKREN, Yeliz KAYA KARTAL, Berrak KURT

LACTOFERRIN AS A NUTRITIONAL AND THERAPEUTIC BIOMOLECULE: FROM IRON METABOLISM TO CANCER

Tuba EKER, Mert PEKCAN

ASSESSMENT OF OXIDANT–ANTIOXIDANT BALANCE AND THIOL–DISULFIDE HOMEOSTASIS ALTERATIONS INDUCED BY MONOCROTALINE IN MICE

Ali ŞENOL, Alparslan Kadir DEVRİM, Miyase ÇINAR, Mahmut SÖZMEN, Haceli ÖCAL, Elisha Apatewen AKANBONG

EXPLORING THE IMPACT OF TIME-RESTRICTED FEEDING ON OXIDATIVE STRESS IN WISTAR ALBINO RATS

Özkan DURU, Elisha Apatewen AKANBONG, Ali ŞENOL, Haceli ÖCAL, Safiye ARZİK

7th In-person Session

Sivas Cumhuriyet University, 100th Year Cultural Center

Moderator: Prof. Dr. Fatmagül YUR & Prof. Dr. İraz AKIŞ AKAD

05.09.2025
09:50-10:20

EVALUATION OF SERUM VITAMIN A AND E LEVELS IN CATTLE VACCINATED WITH FOOT-AND-MOUTH DISEASE VACCINE AND EXPERIENCED FOOT-AND-MOUTH DISEASE

Halil YAVUZ, Alparslan AYAZ, Ömer Barış İNCE

CD44-TARGETED AR INHIBITION IN PROSTATE CANCER CELLS

Sinan VICIL, Rıza SERTTAŞ, Suat ERDOĞAN

DISACCHARIDE INTERACTIONS WITH OUTER MEMBRANE PROTEINS OF BRUCELLA S19 VACCINE STRAIN: MOLECULAR MODELING FOR LYOPROTECTANT SELECTION

Gülseren YILDIZ ÖZ

05.09.2025
10:20-10:30

COFFEE BREAK

8th In-person Session

Sivas Cumhuriyet University, 100th Year Cultural Center

Moderator: Prof. Dr. Oğuz MERHAN & Doç. Dr. Meryem ŞENTÜRK

05.09.2025
10:30-11:30

EFFECT OF CAFFEIC ACID PHENETHYL ESTER AGAINST α -CYPERMETHRIN TOXICITY

Haci Ahmet DEVECİ, Pınar AKSU KILIÇLE, Gökhan NUR, Ayla DEVECİ

ANTIOXIDANT AND ANTIDIABETIC EFFECTS OF ROSEMARY, SUMACH AND ZAHTER

Haci Ahmet DEVECİ, Ayman KHOSRUF, Ayla DEVECİ

EVALUATION OF LIPID PROFILE, CHICKEN PLATELET-ACTIVATING FACTOR ACETYLHYDROLASES AND OXIDATIVE STRESS PARAMETERS LEVELS IN BROILER CHICKENS WITH DIFFERENT SLAUGHTERING AGES

Efe KURTDEDE, Ömer Faruk ALTINOK, Damla Nur ÇOBAN, Doğu TURGUT

EFFECTS OF DIALYL DISULFIDE ADMINISTRATION IN RATS WITH AN EXPERIMENTAL COLON CANCER MODEL

Beyza SUVARİKLİ ALAN, Özgür ÖZDEMİR, Zafer BULUT

ASSESSMENT OF THE IMPORTANCE OF REGULATORY COMPLIANCE OF MEDICAL DEVICES BETWEEN COUNTRIES IN TERMS OF GLOBAL HARMONIZATION

Tolgay ERCAN

2nd In-person Panel

What Should Undergraduate Veterinary Biochemistry Cover in "Metabolism"? How Much Should Students Know?

Sivas Cumhuriyet University, 100th Year Cultural Center

Moderator: Prof. Dr. Adil HİŞMİOĞULLARI

05.09.2025
11:30-12:30

Prof. Dr. Tayfun GÜLDÜR

İnönü University

Prof. Dr. Miyase ÇINAR

Kırıkkale University

Prof. Dr. Hasret YARDİBİ

Istanbul University - Cerrahpasa

Prof. Dr. Pınar COŞKUN

Hatay Mustafa Kemal University

Closing Ceremony & Oral and Poster Award Ceremony

Sivas Cumhuriyet University, 100th Year Cultural Center

05.09.2025, 12:30-13:00

Lunch

05.09.2025, 13:00-14:00

Social Program

05.09.2025, 14:00-21:00 City Trip and Dinner

06.09.2025, 07:00-21:00 Divriği Trip (Breakfast & Lunch)

Workshop

Sivas Cumhuriyet University, Experimental Animals Application and Research Center

05.09.2025, 10:30-11:30

Poster Presentations

Sivas Cumhuriyet University, 100th Year Cultural Center

(Only for 4th September)

EVALUATION OF APELIN, CHEMERIN, LEPTIN, RESISTIN AND VASPIN LEVELS IN PATIENTS WITH OBSTRUCTIVE SLEEP APNOEA SYNDROME

Eren Kırdar ÖZTÜRK, Merve Akıs YILMAZ, Nurhan SARIOĞLU, A. Adil HİŞMİOGULLARI

THE EVALUATION OF THE LEVELS OF GALECTIN-3, SIRT 1, THIOREDOXIN, NITRIC OXIDE IN OBSTRUCTIVE SLEEP APNEA SYNDROME

Betül KÖPRÜ, Nurhan SARIOĞLU, A. Adil HİŞMİOGULLARI

DETERMINATION OF GENE POLYMORPHISMS IN KITLG AND KISS1 GENE REGIONS EFFECTING THE REPRODUCTIVE TRAITS OF HAIR, ANGORA, AND KILIS GOATS

Atila ATEŞ, Berk Özcan ATALAY

IMPORTANCE OF BIOCHEMICAL, HEMATOLOGICAL AND URINE ANALYSIS IN LABORATORY DIAGNOSIS

Hasan AKŞİT

TRACE ELEMENT PROFILE IN HYPOTHYROIDISM

Çağlar Kaan BOZBEK, Meryem ŞENTÜRK

THE ROLE OF EXOSOMES AND MIRNAS IN CLINICAL BIOCHEMISTRY

Neslihan ORMANCI, Sedat ORMANCI

FERROPTOSIS: A REGULATED CELL DEATH PATHWAY IN CANCER

Sare UYURCA, Öğünç MERAL

INVESTIGATION OF THE EFFECTS OF ELECTRO-FREQUENCY WATER TREATMENT SYSTEM ON PERFORMANCE PARAMETERS IN POULTRY FARMING

Ebru EKİZCE, Prof. Dr. Berrin SALMANOĞLU

DETOXIFICATION STRATEGIES OF FOOD CONTAMINANTS BY PROBIOTICS

Soner TUTUN, Betül KARAPINAR, Tuğba DEMİR

Online Session-1, Hall-1

Zoom ID: 883 9498 5602 / Zoom Passcode: 040404

Moderator: Dr. Ayfer FINDIK PAKROOH

05.09.2025
12:30-14:30

EFFECT OF FUCOIDAN ON SOME BIOCHEMICAL PARAMETERS
IN CARBON TETRACHLORIDE-INDUCED NEPHROTOXICITY IN
RATS

Alper Cenk KAPLAN, Handan MERT, Nihat MERT

DIAGNOSTIC AND THERAPEUTIC POTENTIAL OF
MESENCHYMAL STEM CELL EXOSOMES IN KIDNEY DISEASES
Turgay GÜMÜŞ, Özkan DURU

THE RELATIONSHIP BETWEEN SOME BIOCHEMICAL
PARAMETERS AND BENIGN PAROXYSMAL POSITIONAL
VERTIGO: POTENTIAL MECHANISMS INFLUENCING ONSET
AND RECURRENCE

Ömer Faruk DEMİR, Abdulsamed KÜKÜRT

HEMATOLOGICAL, BIOCHEMICAL & IMMUNOLOGICAL
ALTERATIONS IN ACUTE COVID-19, LONG-COVID SYNDROMES
AND POST-VACCINATION SYNDROME

Ayfer FINDIK PAKROOH

4-HYDROXY-2-NONENAL MECHANISM AND ITS RELATIONSHIP
WITH CANCER

Doğuş ÖZALKAN, Burcu MENEKŞE BALKAN

A REVIEW ON APOPTOSIS AND APOPTOSIS MECHANISMS

Gökhan KOÇAK

Online Session-1, Hall-2

Zoom ID: 883 9498 5602 / Zoom Passcode: 040404

Moderator: Assoc. Prof. Dr. Semih YAŞAR

05.09.2025
12:30-14:30

THE IMPORTANCE OF PHYTOCHEMICALS AND ANTIOXIDANTS
IN FOOD BIOCHEMISTRY: ANALYTICAL APPROACHES USING
CHROMATOGRAPHY TECHNIQUES

Ebubekir İZOL, Esmâ KAYAOĞLU

USE OF PLANT-BASED ANTIOXIDANTS IN MEAT PRODUCTS:
EVALUATION OF SYNTHETIC AND NATURAL SUBSTANCES IN
TERMS OF TBARS

Esmâ KAYAOĞLU, Ebubekir İZOL

THE EFFECT OF LOW-DOSE PRUNUS SPINOSA FRUIT EXTRACT
ON OXIDATIVE STRESS PARAMETERS IN A549 CELLS TREATED
WITH BENZO[A]PYRENE

Hakan ODUNCU, Ahmet BÜYÜKBEN

HEALTH EFFECTS AND SUPPLEMENTATION POTENTIAL OF
HESPERIDIN

Semih YAŞAR

IN VITRO DIAGNOSTIC (IVD) DEVICES: NEW CLASSIFICATION
AND RISK MANAGEMENT

Adem ÜNAL, Şükran Melda ESKİTOROS TOĞAY

COMPARATIVE ANALYSIS OF GALECTIN-3, IMA, MPO, AND
PON-1 SERUM LEVELS IN COVID-19 PATIENTS: POTENTIAL
DIAGNOSTIC BIOMARKERS

Ahmet DÜNDAR, Songul ÇETİK YILDIZ, Mehmet KABAK, Barış CİL

Online Session-1, Hall-3

Zoom ID: 883 9498 5602 / Zoom Passcode: 040404

05.09.2025
12:30-14:30

Moderator: SAYERH Fatima Zahra

ANTICANCER EFFECTS OF CREPIDIUM ACUMINATUM ON
MULTIPLE IN VITRO CELL LINES

K.R.Padma

ANTIOXIDANT AND ANTI-INFLAMMATORY MECHANISMS OF
AFRICAN SPICES AND HERBS

Ahmed ATTAHIRU

NATURAL PRODUCT PROTEIN INTERACTIONS: IMPLICATIONS
FOR DRUG

Ahmed ATTAHIRU

PREVALENCE OF ESCHERICHIA COLI O157:H7 IN WELL WATER:
ZERO DETECTION AND RESISTANCE PATTERNS OF NON
O157:H7 STRAIN IN OKEHI LOCAL GOVERNMENT AREA, KOGI
STATE NIGERIA

*Muhammed Mustapha ADEBOYE, Lukman UPAHI, Daniel
Ojochenemi APEH, Yusuf A. EKEYI, Olutayo Adesewa AINA*

TARGETED DRUG DELIVERY VIA OCULAR, PULMONARY AND
NASAL ROUTES USING SOLID LIPID NANOPARTICLES

Vijay Kumar, Rahmuddin khan, Zeenat Iqbal, M.Aamir mirza

ESSENTIAL OILS FROM AROMATIC AND MEDICINAL PLANTS:
EXTRACTION TECHNIQUES AND MULTIFUNCTIONAL
BIOACTIVE AGENTS

*Hicham EL-BOUKHARY, Hamza ELKISSANY, Adil LAAZIZ,
Abdelouahed HAJJAJI*

DECODING HOSPITAL WASTEWATER PROFILES: INTEGRATING
PHYSICO-CHEMICAL AND MICROBIOLOGICAL ANALYSIS AND
AI-BASED CLASSIFICATION

SAYERH Fatima Zahra

ROLE OF DIFFERENT SURFACTANTS (TX-100 AND TWEEN-80) IN
ENHANCING THE SOLUBILITY OF ANTIBIOTIC DRUGS
(LEVOFLOXACIN) FOR BETTER DRUG DELIVERY SYSTEM

Madiha Anwar, Muhammad Usman, Ali Naqi, Hassan Manzoor

Online Session-1, Hall-4

Zoom ID: 883 9498 5602 / Zoom Passcode: 040404

Moderator: Feriel HENNAOUI

NEW PROTEOMIC ANALYSES FOR CANCER BIOMARKERS:
ADVANCING PRECISION ONCOLOGY THROUGH MOLECULAR
PROFILING

Saloni Sharma, Suhani Sharma

ENHANCING THERAPEUTIC POTENTIAL OF MIDAZOLAM BY
SYNTHESIZING ITS NANOPARTICLES

*Huma Ikram, Sonia Ali, Muhammad Raza Shah, Darakhshan Jabeen
Haleem*

A FACILE SYNTHESIS OF 1,3,4-OXADIAZOLE-BASED
CARBAMOTHIOATE MOLECULES: ANTISEIZURE POTENTIAL,
EEG EVALUATION AND IN-SILICO DOCKING STUDIES

Zainib Razzaq, Samreen Gul Khan, Fozia Anjum, Naheed Akhtar

ALTERATIONS IN 5HT-2C RECEPTOR RESPONSIVENESS
FOLLOWING REPEATED MIDAZOLAM TREATMENT

Huma Ikram, Shahla Perveen, Sonia Ali, Darakhshan J. Haleem

THE BIOLOGICAL BASIS OF FATIGUE AND ENDURANCE:
MECHANISMS AND IMPLICATIONS

Saloni Sharma, Suhani Sharma

ASSESSMENT OF DIETARY SUPPLEMENT CONSUMPTION AND
ANALYSIS OF THEIR TOXICITY IN CONSUMERS

Feriel HENNAOUI, Amel BERREBBAH ALIOUA

GUAVA (PSIDIUM GUAJAVA L.): A GLORIOUS PLANT WITH
CANCER PREVENTIVE AND THERAPEUTIC POTENTIAL

Keerthana.V, Meenatchi.S, Kishore.R, Dr.R.Saravanan

POTENTIAL OF POMEGRANATE (Punica granatum L.) PEEL AND
ARIL EXTRACTS AS LIPID-LOWERING AGENTS IN A RAT MODEL
OF HYPERLIPIDEMIA

*Lamiae BENCHAGRA, Mhamed RAMCHOUN, Abdelouahed
HAJJAJI, Samira BOULBAROUD, Abdelouahed KHALIL, Hicham
BERROUGUI*

A COMPARATIVE ANALYSIS OF CLINICAL AND BIOCHEMICAL
PARAMETERS IN SCREW-RETAINED SINGLE IMPLANT CROWNS
OF DIFFERENT DESIGNS

*Andrea Luzi, Alessandro Auletta, Arianna Antonelli, Francesco Evolo,
Nicholas Prosperi, Gualtiero Gherardi, Valeria Martini, Alessio Zanza,
Sofia Leporale, Marta Cianfriglia, Luca Testarelli, Rodolfo Reda*

05.09.2025

12:30-14:30

Online Session-1, Hall-5

Zoom ID: 883 9498 5602 / Zoom Passcode: 040404

Moderator: Shirinboyeva Dilrabo Komilovna

EFFICACY AND APPLICATION OF A BIOPREPARATION BASED ON AN ASSOCIATION OF CELLULOLYTIC, PROBIOTIC BACTERIA

Shirinboyeva Dilrabo Komilovna, Kutliyeva Guzal Dzhumaniyozovna, Daminov Asadullo Suvonovich

ETHNOVETERINARY APPROACH FOR THE CONTROL OF SUBCLINICAL MASTITIS IN BUBALINE

Farrah Deebe, Muhammad Huzaifah Khalid, Anas Sarwar Qureshi, Muhammad Adil

HEMATOLOGICAL AND SERUM BIOCHEMICAL PROFILES OF A NATURAL AFRICAN SWINE FEVER INFECTION IN PIGS

Simeon Chibuko OKAFOR, Uju Catherine OKAFOR, Donatus Lotanna OBINWOGU, John Ikechukwu IHEDIOHA

ACARICIDAL AND ANTIOXIDANT ACTIVITIES OF XYLOPIA AETHIOPICA CRUDE METHANOL EXTRACT AGAINST TICKS OF CATTLE AND DOG

Yemisi D. ADEOYE, Adegbolagun T. ADEOYE, Onyeka C. NWUFOH, Victor O. OYEKUNLE, Abibat O. ALADESOYIN

THE IMPORTANCE OF CARBOHYDRATES AND VITAMINS IN FEEDING PUPPIES (literature review)

Nina DANKEVYCH, Yelyzaveta GLUSHCHENKO, Artem DANKEVYCH

OBESITY IN DOMESTIC ANIMALS (Literature Review)

Kateryna Hornostaieva, Nina Dankevych

GINGER (ZINGIBER OFFICINALE) ESSENTIAL OIL AS A PHYTOGENIC MODULATOR OF IMMUNE AND OXIDATIVE STRESS RESPONSES IN WHITE FULANI DAIRY COWS

Emmanuel U. ANASO

COMPARATIVE IN VITRO ANTIOXIDANT AND TRYPANOCIDAL ACTIVITIES OF N-HEXANE AND ETHYLACETATE EXTRACTS OF AZADIRACHTA INDICA ON TRYPANOSOMA BRUCEI BRUCEI

Busari M. B., Yusuf R. S., Yunusa I. O., Yahaya A. S., Mohammed A. M., Adegboye, A. S.

RADIOGRAPHIC, CLINICAL, AND BIOCHEMICAL ASSESSMENT OF SCREW-RETAINED VERSUS CEMENT-RETAINED CR-CO-CERAMIC IMPLANT-SUPPORTED SINGLE CROWNS: A COHORT STUDY

F.Evolo, L.Adamo, S.Leporale, A.Antonelli, N.Carrai, G.Ferri, L.Testarelli, M.Galli, G. Miccoli, R. Palumbo, L. Lucente, R. Reda

05.09.2025

12:30-14:30

Online Session-2, Hall-1

Zoom ID: 883 9498 5602 / Zoom Passcode: 040404

Moderator: Dr. Seyit Hasan ÖZTÜRK

INVESTIGATION OF THE EFFECT OF DIFFERENT NUTRITIONAL GROUPS ON BEE VENOM PRODUCTION CAPACITY AND COMPOSITION UNDER IN VITRO CONDITIONS

Seyit Hasan ÖZTÜRK, Cevat NİSBET

CLINICAL BIOCHEMICAL EFFECTS OF STRESS, NUTRITION, AND ENVIRONMENTAL FACTORS IN BLACK SEA TROUT (*Salmo trutta labrax*)

Utku DURAN, Esen KULAÇ POLAT, Büşra ŞAHİN

ENVIRONMENTAL BIOMONITORING, BLOOD BIOCHEMISTRY, OXIDATIVE STRESS, AND APOPTOSIS MECHANISMS IN FISH

Esen KULAÇ POLAT, Utku DURAN

ISCHEMIA-MODIFIED ALBUMIN AS AN EARLY BIOMARKER FOR ABORTION IN SHEEP

Songül EKEN, Beran YOKUŞ

POLYCYCLIC AROMATIC HYDROCARBONS IN FOODS: SOURCES, EXPOSURE AND EFFECTS ON HUMAN HEALTH

İrem KOÇ & Seyda ŞAHİN

EFFECTS OF LAVANDULA STOECHAS ESSENTIAL OIL AND CYCLOPHOSPHAMIDE ON MEC-1 CELL LINE

Recep BOZKURT, Güzin ÖZKURT, Tevhide SEL, Yaren CEYRAN

05.09.2025
15:00-17:00

Online Session-2, Hall-2

Zoom ID: 883 9498 5602 / Zoom Passcode: 040404

Moderator: Major Gheorghe GIURGIU

05.09.2025
15:00-17:00

MICROBIOTA MODULATION AS THERAPEUTIC APPROACH IN THE NEUROPATHIC PAIN IN DOG WITH SPINAL CORD INJURY: IMPACT OF POLENOPLASMIN

Major Gheorghe GIURGIU, Prof dr med Manole COJOCARU

HEAVY METAL AND PROXIMATE COMPOSITIONS OF DISCARDED FISH PARTS FROM AWURU RIVER AT RETAIL OUTLET IN NIGER STATE

Alfa Asmau Iyanuoluwa, A. Abubakar, Folashade F. Alfa

MULTICOMPONENT REACTION APPROACH FOR POTENTIAL BIOLOGICALLY ACTIVE THIOPHENE DERIVATIVES

Tanzeela Riaz, Sana Aslam, Matloob Ahmad, Muhammad Zubair

PREDICTION OF MANGO QUALITY AND DISEASE DETECTION USING DEEP LEARNING

K. Thejas kumar, A. Shobana, K. Sujatha, N.P.G. Bhavani, Tatireddy Omsai Reddy, D. Kabilan

DIVERSITY OF MICROBIAL ENDOPHYTES, THEIR ASSOCIATION WITH PLANTS, AND ROLE IN SECONDARY METABOLITE PRODUCTION: A REVIEW

Hamza EL KISSANY, Hicham EL-BOUKHARY1, Hicham EL KISSANI, Adil LAAZIZ, Abdelouahed HAJJAJI

BIOCHEMICAL EFFECTS OF NOVEL FOOD COMPOUNDS ON HUMAN HEALTH (Systematic Review)

Adegbola Oluwatosin Oluwabukola

NUTRITIONAL INTERVENTION FOR MITOCHONDRIAL DYSFUNCTION

Adegbola Oluwatosin Oluwabukola

MODELING OF MACRONUTRIENT METABOLISM AND ITS IMPACT ON GLYCEMIC CONTROL IN TYPE 2 DIABETES

GANIYU, Barakat Abiola, AKANDE, Sikirulai Abolaji, Obatusin Esther Irelioluwa

MULTI-OBJECTIVE OPTIMIZATION OF ENZYME KINETICS IN VETERINARY DRUG METABOLISM USING NSGA-II

AKANDE, Sikirulai Abolaji, RAUF Quadri Opeyemi, GANIYU, Barakat Abiola, MUSA, Ojeba Innocent, POPOOLA, Biliqees Oluwakemi, JOB, Samuel Oloruntoba

Online Session-2, Hall-3

Zoom ID: 883 9498 5602 / Zoom Passcode: 040404

Moderator: Muhammad FAISAL

EXPLORING THE INTERNATIONAL LEGAL AND ETHICAL STANDARDS FOR RESEARCH AND MEDICAL PRACTICE IN CLINICAL BIOCHEMISTRY: A HUMAN RIGHT PERSPECTIVE
Priya Chaudhuri, Tuhina Sinha

EXPANDING HORIZONS IN VETERINARY AND CLINICAL BIOCHEMISTRY: BUSINESS OPPORTUNITIES IN PAKISTAN
Muhammad FAISAL

EXPLORING ANTICANCER CANDIDATES FROM MOROCCAN MARRUBIUM VULGARE L. THROUGH IN SILICO APPROACHES: BREAST AND PROSTATE CANCER
Amal Bouribab, El Mehdi KARIM, Abdelkbir ERROUGUI, Samir CHTITA

EMERGING TRENDS IN BIOLOGIC AND BIOSIMILAR DRUGS
Puniparthi SUNITHA, K. POOJA, M.K. VIJAYALAKSHMI

ADVANCEMENTS IN EARLY CANCER DETECTION: LIQUID BIOPSY AND GENOMIC PROFILING
Puniparthi SUNITHA, K. POOJA, M.K. VIJAYALAKSHMI

APPLICATION OF HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC) IN PHARMACEUTICAL QUALITY CONTROL
Puniparthi SUNITHA, K. POOJA, M.K. VIJAYALAKSHMI

ROLE OF EXTREMOPHILES IN BIOTECHNOLOGY
Dr. M.K. VIJAYALAKSHMI, K. POOJA, Puniparthi SUNITHA

INTEGRATION OF CLINICAL BIOCHEMISTRY AND MACHINE LEARNING IN IMPROVING DIAGNOSTIC ACCURACY OF HUMAN LIVER DISORDERS
Habib Olaniyi ALIU, Rotimi Jamiu OLASINA

05.09.2025
15:00-17:00

Online Session-2, Hall-4

Zoom ID: 883 9498 5602 / Zoom Passcode: 040404

Moderator: Mithila Sen

05.09.2025
15:00-17:00

NEW METHODS IN EARLY DETECTION OF SUBCLINICAL
MASTITIS IN DAIRY FARMS

Kave Koorehpaz

ARTIFICIAL INTELLIGENCE-DRIVEN SURVEY TECHNIQUES
FOR DECREASING TOTAL SOMATIC CELL COUNT IN DAIRY
FARMS

Kave Koorehpaz

HISTOLOGICAL AND BIOCHEMICAL EVALUATION OF 2-(2-
NITROPHENYL)-1,3-THIAZOLIDINE-4-CARBOXYLIC ACID ON
BLOOD PROFILE AND HEART TISSUES IN ROTENONE INDUCED
PD RAT MODEL

Shazia Perveen, Shaheen Kousar, Sumaira Kanwal, Iraj Ajmal

DIGITAL TECHNOLOGIES IN MONITORING ANIMAL HEALTH
AND ENVIRONMENTAL POLLUTION: A CASE STUDY IN
KOSOVO

Selviye Lajqi, Soreja Adzajlic

JUVENILE GULSHA TENGRA (MYSTUS CAVASIUS) EXHIBITED
BETTER GROWTH PERFORMANCE IN PROBIOTIC TREATMENT
BY ENHANCING INTESTINAL MORPHOLOGY

Mithila Sen

EVALUATING THE GROWTH-ENHANCING EFFECTS OF LAPSI
FRUIT (Choerospondia axillaris) AS A DIETARY SUPPLEMENT FOR
RAINBOW TROUT (Oncorhynchus mykiss)

Hari Lama, Dr. Naveen Kumar Thoila, Dr. Archana Prasad

INTENSIVE AQUACULTURE AND CLIMATE WARMING: DRIVERS
OF GENETIC DIVERSITY IN MEDITERRANEAN MONOGENEANS

Sarra FARJALLAH

TABA HEAL CAT

A NOVEL APPROACH FOR STRAY CAT HEALTH AND
ENVIRONMENTAL PROTECTION

Tabarek Abdulridh Haji AL-FARISEE

Online Session-2, Hall-5

Zoom ID: 883 9498 5602 / Zoom Passcode: 040404

Moderator: Souvik Halder

05.09.2025
15:00-17:00

EVIDENCE-GROUNDED SENTIMENT GRAPHS FOR
BIOCHEMICAL HYPOTHESES ACROSS TEXT, SPECTRA, AND
IMAGING

Souvik Halder

CROSS-DOMAIN MULTIMODAL SENTIMENT ANALYSIS FOR
BIOCHEMICAL LITERATURE, SEQUENCES, AND ASSAY DATA

Souvik Halder

INTEGRATED COMPUTATIONAL APPROACH FOR DESIGNING
NOVEL PYRIDONE-BASED α -GLUCOSIDASE INHIBITORS:
INSIGHTS FROM 2D-QSAR, MOLECULAR DOCKING, MOLECULAR
DYNAMICS SIMULATIONS AND MM-GBSA ANALYSIS

*Bouchra Rossafi, Oussama ABCHIR, Mhammed ELKOUALI, Samir
CHTITA*

ADVANCES IN PHARMACOTHERAPY FOR CANCER TREATMENT

R.Vidhyalakshmi, Saraswathi.V, E.Elavarasi

OXIDATIVE STRESS AND ITS IMPACT ON HUMAN HEALTH

*Saraswathi.V,R. Vidhyalakshmi, Kowsika.M, Dhanush kumar.S,
Sastha.K, Prashanth.S, Dr.W.Helen, Dr.R.Srinivasam*

SUSTAINABLE POLYPROPYLENE COMPOSITES: PHYSICO-
CHEMICAL INSIGHTS INTO INJECTION-MOLDED MATERIALS
WITH SPENT COFFEE GROUNDS.

Zineb El Hamri, M. Karaoui, M. Alami, M. Assouag

POLLUTANTS REMOVAL FROM WASTEWATER THROUGH
BIOFILM SYSTEM

*Zanna Mustapha, Moses NyoTonglo Arowo, Muhammad Abbagoni
Abubakar, Archana Kasinath, Abdulhalim Musa Abubakar*

SYNTHESIS AND PHOTOPHYSICAL PROPERTIES OF NOVEL
TRICYCLIC PYRIMIDO[5,4-H]QUINAZOLINES

*Kirti,Taro Udagawa, Yasuhiro Kubota, Toshiyasu Inuzuka, G
Krishnamoorthy, Kazumasa Funabiki*