



## 2ND INTERNATIONAL CONGRESS OF VETERINARY MEDICINAL PLANTS AND TRADITIONAL MEDICINE



**SEPTEMBER 29, MONDAY**

08:30 – 09:30

**Registration**

09:30 – 10:30

**Opening Ceremony**

**10:30 – 10:45 Coffee Break**

**First Session Main Hall**

Session Chairs:

**Prof. Dr. Mustafa Sinan AKTAŞ**

**Prof. Dr. Masoud MAHAM**

10:45 - 11:30

Key-Note Speaker

**Prof. Dr. Fatih Mehmet KANDEMİR**

The Use of Plant-Based Antioxidants in Scientific Studies

11:30 – 11:45

Key-Note Speaker

**Prof. Dr. Mohammad Bagher REZAEI**

Medicinal Plants and Veterinary Ethno-Pharmacology Especially Folk Remedies, by Different Cultural Groups in Iran

**11:45 -13:30 Lunch Break**

**Second Session – Main Hall**

Session Chair:

**Prof. Dr. Yavuz Selim SAĞLAM**

13:30 - 14:00

Key-Note Speaker

**Prof. Dr. Zühal GÜVENALP**

From Medicinal Plants to Veterinary Pharmaceuticals: Contemporary Approaches

14:00 -14:40

**Ghader JALILZADEH-AMIN;** Effects of Licorice (*Glycyrrhiza glabra*) Extract on Gas Production Kinetics, Degradability, Protozoal Population, and Fermentation Parameters in a Balanced Cattle Diet

**Meryem SEYRET;** Essential Oils in Veterinary Medicine: Natural Solutions for Animal Well-Being

**Semanur KARAGÖZ;** Effects of Oregano Oil on Diarrhea, Immunity and Performance in Young Ruminants

**Bahri BAYRAM;** The Effect of the Supplementation of Commercial Essential Oil Mixture Applied to Simmental Calves in the Neonatal Period on Growth, Development and Health Parameters

**14:40 - 14:55 Question & Answer**

**14:55 - 15:10 Coffee Break**

**Third Session – Main Hall**

Session Chair:

**Prof. Dr. Mustafa ATASEVER**

15:10 – 15:40

Key-Note Speaker

**Prof. Dr. Masoud MAHAM**

The Role of Medicinal Plants in the Management of Gastrointestinal Motility Disorders in Animals

15:40 – 16:20	<p><b>Ghader JALILZADEH-AMIN</b>; Therapeutic Effects of Ethanol Extract of Propolis on Experimental Cutaneous Candidiasis in Cattle</p> <p><b>Sevda URÇAR GELEN</b>; Effect of Rational Addition of Zinc Borate on Chemical and Microbiological Quality of Meat in Chicken</p> <p><b>Nergis ULAŞ</b>; Management of Bacterial Dermatitis on the Face and Around the Eyes in a Rabbit with Topical Treatment Based on Herbal Content</p> <p><b>Emir Enis YURDGÜLÜ</b>; Wound Healing and Antioxidant Potential of <i>Hippophae rhamnoides</i> Oil Nanoemulsions: In-Vitro Characterization and Biological Evaluation</p>
<b>16:20 – 16:35 Question &amp; Answer</b>	
<b>16:35 - 16:50 Coffee Break</b>	
<p><b>Fourth Session – Main Hall</b>  Session Chair:  <b>Prof. Dr. Armağan ÇOLAK</b></p>	
16:50 - 17:20	<p>Key-Note Speaker  <b>Assoc. Prof. Dr. Volkan GELEN</b>  Nanoparticle-Loaded Flavonoids: The Use of Smart Therapeutic Approaches with Natural Molecules in Veterinary Medicine</p>
17:20 – 18:00	<p><b>Sümeyye ÇINAR ÖZKAN</b>; Tannic Acid Effect in Testicular Injury: Molecular Protection Against MSG Toxicity</p> <p><b>Torkan HAGHİ</b>; Antibiofilm Activity of <i>Nigella sativa</i> (Black Seed) Essential Oil Against Selected Pathogenic Bacteria</p> <p><b>Mürsel KARADAVUT</b>; Epigenetics and Aging: From Experimental Rat Models to Epigallocatechin Gallate (EGCG)-Supported Phytotherapeutic Geriatric Strategies</p> <p><b>Raya MYKTYBAYEVA</b>; The Effect of the Probiotic Preparation "Lactobact-ARZ" on the Dynamics of Certain Morphological and Biochemical Blood Indicators in Calves</p>
<b>18:00 – 18:15 Question &amp; Answer</b>	
<p><b>SEPTEMBER 29, MONDAY</b>  <b>First Session – Hall A</b>  Session Chair:  <b>Prof. Dr. Ali Doğan ÖMÜR</b>  <b>Assoc. Prof. Dr. Saeid MESKHINI</b></p>	
13:30 – 14:20	<p><b>İmran GARİP</b>; Potential Use of Cbd's Antioxidant and Anti-Inflammatory Effects in Veterinary Medicine</p> <p><b>Rahim MOHAMMADI</b>; The Application of Herbal and Traditional Medicine in Treatment of Lameness in Horses</p> <p><b>Yasemin ERDOĞAN</b>; Evaluation of the Antimicrobial Activity of <i>Allium sativum</i> (Garlic) on <i>E. coli</i> Strains Isolated from Diarrheal Calves</p> <p><b>Ayşe Cemre KARARENK</b>; House Plants that can Cause Intoxications in Companion Animals</p> <p><b>Emre EREN</b>; Curcumin in Veterinary Medicine: Therapeutic Potentials</p>
<b>14:20 - 14:55 Question &amp; Answer</b>	
<b>14:55 - 15:10 Coffee Break</b>	

<p align="center"><b>Second Session – Hall A</b> Session Chair: <b>Prof. Dr. Başak HANEDAN</b></p>	
15:10 – 16:00	<p><b>Şükrü DEĞİRMENÇAY</b>; Pharmacological Potentials of Resveratrol in Veterinary Medicine</p> <p><b>Emre EREN</b>; Effect of Curcumin Supplementation on Indoxyl Sulfate and Inflammation in Cats with Chronic Kidney Disease</p> <p><b>Reyhane BAYAT</b>; Proanthocyanidins in Veterinary Medicine: Bioavailability, Applications, and Effects on Animal Health</p> <p><b>Manoochehr ALLYMEHR</b>; Inhalation Therapy with Broncho Smoke® in Broiler Chickens with Respiratory Disorders Caused by Newcastle and Avian Influenza (H9N2) Viruses</p> <p><b>Torkan HAGHI</b>; Synergistic Effects of Nettle Essential Oil Combined with Antibiotics Against Selected Bacterial Strains</p>
16:00 - 16:35 Question & Answer	
16:35 - 16:50 Coffee Break	
<p align="center"><b>Third Session – Hall A</b> Session Chair: <b>Prof. Dr. Mehmet Özkan TİMURKAN</b></p>	
16:50 – 17:40	<p><b>Merve BOLAT</b>; Protective Role of B-Caryophyllene Against Lead Acetate–Induced Cardiotoxicity in Rats: Effects on Oxidative Stress and Antioxidant Response</p> <p><b>Hayrunnisa BOSTAN YÖRÜ</b>; The Role of Phenolic Acids in the Treatment of Viral Infections</p> <p><b>Mehmet Akif AYDIN</b>; The Effect of Antioxidant Compounds on Sperm Storage</p> <p><b>Mehmet Ali YÖRÜK</b>; Evaluation of Binding Propensities of Plant-Derived Compounds to L-Type and T-Type Voltage-Dependent Calcium Channels Through Molecular Docking: A Comparison with Amlodipine</p>
17:40 - 18:00 Question & Answer	
<p align="center"><b>Online First Session– Hall B</b> Session Chair: <b>Assoc. Prof. Dr. Selçuk ÖZDEMİR</b></p>	
13:20 – 15:00	<p><b>Büşra DUMLU</b>; Prevention and Mitigation of Aflatoxin Effects through the Use of Phytobiotics in Poultry</p> <p><b>Ziadoon ALYAQOOBİ</b>; An Overview of Quercetin Anticancer Mechanisms</p> <p><b>Nariste KADYRLİEVA</b>; Investigation of the Effects of Zingerone on Apoptosis and Oxidative Stress against Diabetic Pancreatic Damage in Rats</p> <p><b>Ahmet KARAHANLI</b>; Investigation of the Effects of Different Doses of Curcumin on AQP3 and AQP7 Proteins in Rat Sperm</p>

13:20 – 15:00	<p><b>Kassen Aigul ZHENİSBEKKYZY</b>; Phytotherapy in Veterinary Medicine: Perspectives for the Treatment of Infectious Diseases</p> <p><b>Kusver MAMMADOVA</b>; The One Health Approach as a Strategy for Integrating Veterinary and Food Science in Sustainable Plant-Based Production</p> <p><b>Adem TEKE</b>; Determination of Phenolic Contents in <i>Rhododendron ponticum</i> Extracts</p>
<b>15:00 - 15:15 Coffee Break</b>	
<p align="center"><b>Online Second Session– Hall B</b></p> <p align="center">Session Chair:</p> <p align="center"><b>Assoc. Prof. Dr. Uğur ÖZENTÜRK</b></p>	
15:15 - 15:45	<p align="center">Key-Note Speaker</p> <p align="center"><b>Dr. Shah Nawaz SIAL</b></p> <p align="center">Honeybee Wax and Mesenchymal Stem Cells Based Nerve Scaffold as Novel Strategy for Repairing Peripheral Nerve Injury</p>
15:45 – 17:00	<p><b>Roman SACHUK</b>; Hypoglycemic Activity and Hematological Parameters of Blood in Rats After Administration of <i>Galega officinalis</i> Extract (<i>Galega officinalis</i> L.)</p> <p><b>Nina DANKEVYCH</b>; Experimental Study of the Effect of <i>Galega officinalis</i> L. Extract on Body Weight and Blood Parameters of Rats with Metabolic Syndrome</p> <p><b>Yeşim Can POLAT</b>; 18<math>\beta</math>-Glycyrrhetic acid: Mechanisms of Antioxidant and Anti-inflammatory Action</p> <p><b>Elif Beyza ÖZER</b>; Phytotherapeutic Strategies to Prevent Anthelmintic Resistance in Veterinary Medicine</p> <p><b>Yeşim Can POLAT</b>; Silymarin: Mechanisms of Antioxidant and Anti-Inflammatory Action</p>
17:00 – 17:30	<p align="center">Key-Note Speaker</p> <p align="center"><b>Prof. Dr. Nicholas T. BELLO</b></p> <p align="center">Metabolic Interactions of Kratom Alkaloids</p>
17:30 – 18:15	<p><b>İltan AKLAN</b>; Traditional Use and Pharmacological Potential of Selected Medicinal Plants in the Management of Depression</p> <p><b>Fawzy ELNADY</b>; A Novel Canine Thoracic and Pelvic Limb Acupuncture Training Models</p> <p><b>Zerrin KUTLU</b>; Two Model Agents and a Paradoxical Compound in Hepatotoxicity Pathways: Carbon Tetrachloride, Sunitinib, and Long-Term Effects of Oleanolic Acid</p>

<b>SEPTEMBER 30, TUESDAY</b>	
<b>First Session – Main Hall</b> Session Chair: <b>Prof. Dr. Derviş ÖZDEMİR</b>	
9:30 - 10:00	Key-Note Speaker <b>Asst. Prof. Özge BALPINAR</b> Bioactive Constituents and Therapeutic Potential of the Cannabis Plant
10:00 - 10:40	<b>Samet TEKİN</b> ; The Effect of Beta-Caryophyllene on MDA Levels and SOD, GSH, and GPx Activities Against Lead Acetate-Induced Nephrotoxicity in Rats  <b>Betül ORHAN</b> ; Regulatory Role of Morin Hydrate on Oxidative Stress and Apoptosis in Diabetes-Induced Liver Damage  <b>Yusuf Ziya DOĞRU</b> ; Effect of Rhodiola Root on Seizure Activity in Rats with Pentylentetrazole - Induced Epilepsy  <b>Afife Büşra UĞUR KAPLAN</b> ; Development of Nanoemulsion-Based Patch Formulations Containing <i>Plantago lanceolata</i> and <i>Althaea officinalis</i> Extracts for the Treatment of Cough and Sore Throat
<b>10:40 – 11:00 Question &amp; Answer</b>	
<b>11:00 – 11:15 Coffee Break</b>	
<b>Poster Session – Main Hall</b> Session Chair: <b>Prof. Dr. İbrahim BALKAYA</b>	
11:15 – 11:45	Poster Evaluation
<b>11:45 – 12:15 CLOSING CEREMONY</b>	
<b>First Session – Hall A</b> Session Chair: <b>Prof. Dr. Mesut Bünyamin HALICI</b>	
9:30 – 10:20	<b>Ömercan ALAT</b> ; Investigation of the Efficacy of a Newly Developed Herbal-Based hLC Cream on NaOH-Induced Skin Damage in Diabetic Rats  <b>Zahra KHOSRAVİ</b> ; Geraniol, A Monoterpene Fragrance with Promising Antioxidant Properties: Amelioration of Oxidative Stress in the Colon and Small Intestine of Wistar Rats  <b>Şükrü DEĞİRMENÇAY</b> ; Silymarin and Hepatoprotection in Veterinary Medicine  <b>Hilal ÖZBEK</b> ; Homeopathic Remedies for Foot and Mouth Disease
<b>10:20 – 10:30 Question &amp; Answer</b>	
<b>10:30 – 10:45 Coffee Break</b>	

## Online First Session – Hall B

Session Chair:

**Assoc. Prof. Dr. Mehmet Cemal ADIGÜZEL**

09:15 – 11:15

**Büşra DURLU**; The Effect of Curcumin Supplementation on Hepatic Fat Accumulation and Histopathological Findings in Laying Hens

**Tarique HUSSAIN**; Maternal Flavonoid-Enriched Approaches Improve Oxidant Status, Enhance Milk Quality, and Increase Kid Birth Weight in Goats

**Özlem UTME**; Neuroprotective Effects of Calligonum Polygonoides in 6-OHDA-Induced Dopaminergic Neuron Injury

**Yunus Emre AYDIN**; Antioxidant and Therapeutic Effects of Xanthohumol in an In-Vitro Model of Parkinson's Disease

**Bayram AKOĞLAN**; Some Medicinal Plants Used in the Treatment of Diabetes Mellitus and its Complications

**Zerrin KUTLU**; Breaking the Fibrosis–Inflammation Axis: The Role of Resveratrol and Type 3 Immunity in Liver Diseases

**Kübra KAYA**; Therapeutic Effects of Various Flavonoids

**Ramiz HATAY**; Protective Effects of Hesperidin Against Testicular Toxicity Induced by Di (2-ethylhexyl) Phthalate in Rats

Note: \*Each speaker will be allocated **10 minutes** in the sessions, followed by a Question & Answer at the end of each session. However, in online sessions, speakers will be given **15 minutes**, and **therefore no Question & Answer will be held.**

