

Contents

The Effect of Nano-Encapsulated Herbal Essential Oils on Poultry' s Health

A Review of the Establishment of the Seed Lot System in the Production of Biological Products and Its Importance

Acquired Hallux Varus. Etiology, Pathology, Classification, and Treatment Algorithm. Literature Review

The Impact of CD37 Ectoenzyme Expression in Benign and Malignant Colorectal Tumors

Effect of Adding Different Levels of Therapeutic Curcuma on Productive Traits in Broiler Chickens

Comparative Analysis of the Efficacies of the GeneXpert and Solid Culture Media Techniques in the Diagnosis of Mycobacterium Tuberculosis

Pathological and Molecular detection of *Mycoplasma ovipneumoneae* in Sheep, Basrah Province, Iraq

The Protective Effect of Turmeric against Carbimazole Induced Toxicity in Male Rats

Effect of Diet Supplemented with Graded Levels of Ginger (*Zingiber officinale*) Powder on Growth Performance, Hematological Parameters, and Serum Lipids of Broiler Chickens

Design and Development of a New Method for the Production of Nanotoxoids from *Clostridium Perfringens* Beta Toxin

Antimicrobial Effects of Different Synbiotic Compounds against Pathogenic Bacteria Isolated from Beef, Mutton, and Chicken

The Effect of Six-Week Aerobic Exercise Combined with Green Tea Consumption on PON1 and VO₂max Increase and Apelin, Blood Pressure, and Blood Lipids Reduction in Young Obese Men

Expression of *HPV-16 L1* Gene Human Papillomavirus (HTLV-1) Identified by Pap Smear

in vitro Evaluation of Cytotoxicity and Antibacterial Activities of Ribwort Plantain (*Plantago Lanceolata* L.) Root Fractions and Phytochemical Analysis by Gas Chromatography-Mass Spectrometry

Silver Nanoparticles that Synthesis by Using *Trichophyton rubrum* and Evaluate Antifungal Activity

Progress Phenotypic Traits of Hatched Chicks and Growth Indicators of Broiler Chicks Fed Embryonically with Zinc Methionine

Effects of Grape Seed Powder on Productive Performance, Lipid Profile and Total Bacteria in Duodenum and Ceca of Broiler Chickens

Detection of *Hepatoctysis* sp. Infection in Vervet Monkeys (*Chlorocebus Pygrythrus*) Imported from Tanzania Using Molecular and Microscopic Methods

Azolla as a New Dietary Source in Broiler Feed: a Physiological and Production Study

A Non-Structural Protein of Severe Acute Respiratory Syndrome Coronavirus 2 with a Potential Ability to Reduce Blood Glucose for Use in Controlling Type 2 Diabetes Mellitus

Isolation and Characterization of Bacteriophages Active against *Pseudomonas aeruginosa* Strains Isolated from Diabetic Foot Infections

Genetic Detection of Genes Encodes Some Enzymes in *Entamoebahistolytica* in Diarrhea Children in Iraq

Detection of Canine Parvovirus Type 2 by Designing Multiple Methods and Genetic Characterization in Iran

Comparison between Antimicrobial and Antibiofilm Activity of Exopolysaccharides (EPS) Extracted from *Lactobacillus reuteri* and *Streptococcus mitis* against Oral Bacteria

Evaluation of a Novel Multi-Epitope Peptide Vaccine Candidate from LACK, LeIF, GP63, SMT Antigens of *Leishmania major* in BALB/c Mice

Study of Some Resistance Genes in Clinical *Proteus mirabilis*

Evaluation of the Effect of Peppermint Extract and Probiotics on Biochemical Factors in the Blood of Ascites-Induced Chickens

The Clinical Management of Deconditioned Patient

Nasal Administration of M2e/CpG-ODN Encapsulated in N-Trimethyl Chitosan (TMC) Significantly Increases Specific Immune Responses in a Mouse Model

Features of the Formation of Communities of Microorganisms Adapting to the Existing Conditions in Different Types of Agrophytocenoses

A New Intra-Breed Type, "Mamyr-Aktobe," of the Kushum Breed of Horses of the Aktobe Population

Development of Resource-Saving Biotechnology for the Production of a Feed Additive from Distiller's Wastes with Probiotic Properties

Assessment of Interleukin-13(rs20541) Genomic Polymorphism in Patients with Acute Respiratory Distress Syndrome in Relation to COVID19 Infection

Molecular Interplay of *John Cunningham* Virus with Interleukin 1 Beta in Colorectal Carcinomatous Tissues from a Group of Iraqi Patients

Synthesis, Structure and Biological Activity of (1*s*,9*ar*)-1*H*-1,2,3-Triazol-1-yl) Methyl) Octahydro-1*H*-Quinolizine Derivatives of Lupinine

Evaluation of the Bacterial Load in the Raw Dairy Products in Baghdad, Iraq

Evaluation of Testicular Biometry and Spermatozoa Recovered after Slaughter from Cauda Epididymal of Awassi Ram

Metformin and Bee Venom: a Comparative Detection of Histological Alteration of the Pancreas and Systemic Inflammatory Markers in Diabetic Mice

First Molecular Genotyping of *Cryptosporidium felis* in Cattle, Iraq

The Effect of Adding Tartaric Acid and Salicylic Acid on the Chemical Composition of Eggs Produced from Lohman Chickens

***Strongyloides* and *Eimeria* Infection and Its Treatment Way in Sheep**

Angiotensin-Converting Enzyme 2 (ACE2) Gene Polymorphism in Patients with Type 2 Diabetes (T2DM) in Thi-Qar, Iraq

Serological Investigation of Bovine *Chlamydia abortus* in Wasit Province, Iraq

Overexpressed Toll-Like Receptor 2 and the Influence on the Severity of Acute Ischemic Stroke

Sirtuin 1 Expression Enhances the Inflammatory Response in Allergic Rhinitis Combined with Asthma

Production and Optimization of Hyaluronic Acid Extracted from *Streptococcus thermophilus* Isolates

Clinical and Histopathological Characteristics of Colorectal Cancer in Iraq between 2015-2021

Hematological Parameters in COVID-19 Patients: Association with Severity of the Disease

The Relative of *Spa* Gene Types, Prevalence and Antibiotic Resistance in Methicillin-Resistant *Staphylococcus aureus*

First Molecular Detection and Phylogenetic Analysis of *Ehrlichia canis* in Dogs from Baghdad, Iraq

Reviewers' Name

Mojgani, Naheed

Morovati Khamsi, Hassan

Motamed, Najmeh

Mozaffari Nejad, Amir Sasan

Pilehchian Langroudi, Reza

Rezaii, Farid

Shahsavandi, Shahla

Soleimani, Sina

Dabaghian, Mehran

Tabatabaeizadeh, Seyed-Elias

Tahoori, Fatemeh

Tebianian, Majid

Zendehtdel, Morteza

Abdigoudarzi, Mohammad

Asadi, Mohammadreza

Baradaran Seyed, Zahra

Bashashati, Mohsen

Dadar, Maryam

Dadashpour Davachi, Navid

Feizabadi, Mohammad Mehdi

Hajimoradi, Monireh

Hassanpour, Shahin

Jafari, Hedieh

Khalesi, Bahman

Madani, Rasool

Masoudi, Reza