

Contents

Evidence-Based Approach to One Health Vaccinology

Nutrients Interaction with the Immune System

Peste Des Petits Ruminants in Atypical Hosts and Wildlife: Systematic Review and Meta-Analysis of the Prevalence between 2001 and 2021

Pathological, Immunological, and Hematological Parameters Associated with Experimental Infection of *Citrobacter Freundii* in Rabbits

Impact of Tween 80 on Fatty Acid Composition in Two Bacterial Species

Cumulative Effect of Subclinical Mastitis on Immunological and Biochemical Parameters in Cow Milk

Role of Toll-Like Receptor 5 in the Development of Ulcerative Colitis

Pharmacological Effect of Caffeine on *Drosophila melanogaster*: A Proof-of-Concept *in vivo* Study for Nootropic Investigation

Comparison of the Frequency of Biofilm-Forming Genes (*icaABCD*) in Methicillin-Resistant *S. aureus* Strains Isolated from Human and Livestock

Isolation and Identification of Some Bacteria Contemn in Burn Wounds in Misan, Iraq

Study of Bacterial Contamination in Operating Theatres at Al-Hussein Teaching Hospital in Al-Samawah, Iraq

Antibiotic Resistance Profile and Multiple Antibiotic Resistance Index of *Campylobacter* Species Isolated from Poultry

Incidence of Pertussis in Anbar Province, West of Iraq, during 2009-2019

Comparisons of *Toxoplasma gondii* Prevalence in Rural and Urban Areas of Al-Najaf Province of Iraq Using Serological Methods

Enhancement of the Reliability of Animal Genotyping Regarding the Betterment of Wool Productivity in South-Kazakh Merino Sheep in Kazakhstan

Introduction of the Modern Methods of Assessing the Breeding Value of Cows in the Selection of Dairy Cattle in the Republic of Kazakhstan

Effect of Honey Bee Venom on Experimental Autoimmune Encephalomyelitis (EAE) as a Model for Multiple Sclerosis (MS)

Impact of the Central Histaminergic and Melanocortin Systems on Leptin-Induced Hypophagia in Neonatal Layer Chicken

Biological Effects of Aqueous Extract of *Laurus nobolis* L. Leaves on Some Histological and Immunological Parameters in Male Rat Liver Affected by Aluminum Chloride

Renoprotective Potential of the Ultra-Pure Lipopolysaccharide from *Rhodobacter Sphaeroides* on Acutely Injured Kidneys in an Animal Model

Ethoxyquin and Butylated Hydroxy Toluene Distrub the Hematological Parameters and Induce Structural and Functional Alterations in Liver of Rats

Enzymatic Effectiveness of Alcoholic and Aqueous Extract of *Salvia Officinalis* in Mice Poisoned with Tetrachloride

Modulation of Negative Effects of Physiological Stress on Frozen-Thawed Semen with Nutrition of Organic Selenium in Ross 308 Rooster

Conservation of Bulk's Spermatozoa during Cooling Storage Period through Cooling Medium Supplementation with L-Carnitine

Effects of Apremilast on Induced Hypertrophic Scar of Rabbits

Role of Vitamin D as Protective Agent against Induced Liver Damage in Male Rats

Recommendation and Roadmap of Mass Vaccination against Coronavirus Disease 2019 Pandemic in Bangladesh as a Lower-Middle-Income Country

Reviewers Name

Babapour, Vahab

Bani Hashemi, Seyed Reza

Basir, Zahra

Dadar, Maryam

Dadashpour Davachi, Navid

Eghbal, Melisa

Hassanpour, Shahin

Jafari, Hedieh

Khodadadi, Mina

Kodori, Mansoor

Masoudi, Reza

Motamed, Najmeh

Tebianian, Majid

Zendehdel, Morteza