

**Jordan University of Science and Technology**  
**Faculty of Veterinary Medicine Publications 2018-2020**

1. Ababneh M, Ababneh O, Al-Zghoul MB, 2020. High-resolution melting curve analysis for infectious bronchitis virus strain differentiation. *Veterinary World* 13: 400-406.
2. Ababneh M, Alrwashdeh M, Khalifeh M, 2019. Recombinant adenoviral vaccine encoding the spike 1 subunit of the Middle East Respiratory Syndrome Coronavirus elicits strong humoral and cellular immune responses in mice. *Veterinary World* 12: 1554-1562.
3. Ababneh M, Hananeh W, Alzghoul M, 2020. Mass mortality associated with koi herpesvirus in common carp in Iraq. *Heliyon* 6: e04827.
4. Ababneh MM, Hananeh W, Bani Ismail Z, Hawawsheh M, Al-Zghoul M, Knowles NJ, van Maanen K, 2020. First detection of foot-and-mouth disease virus O/ME-SA/ Ind2001e sublineage in Jordan. *Transboundary Emerging Diseases* 67: 455-460.
5. Abu-Basha EA, Bani Ismail Z, Abu Alhajjaa H, Hamzeh E, Idkaidek NM, 2021. Pharmacokinetics and bioavailability of tildipirosin following intravenous and subcutaneous administration in sheep. *J Veterinary Pharmacol Ther* 44: 79-85.
6. Abutarbush SM, Al-Rukibat RK, Qura'n Wa, Hananeh WM, 2019. Laboratory findings of tracheal wash and bronchoalveolar lavage in normal adult dairy cattle. *Journal of Applied Animal Research* 47: 46-53.
7. Abutarbush SM, Tuppurainen ESM, 2018. Serological and clinical evaluation of the Yugoslavian RM65 sheep pox strain vaccine use in cattle against lumpy skin disease. *Transboundary and Emerging Diseases* 65: 1657-1663.
8. Alaboudi AR, Malkawi IM, Osaili TM, Abu-Basha EA, Guitian J, 2020. Prevalence, antibiotic resistance and genotypes of *Campylobacter jejuni* and *Campylobacter coli* isolated from chickens in Irbid governorate, Jordan. *International Journal of Food Microbiology* 327: 108656.
9. Alekish M, Ismail ZB, Albiss B, Nawasrah S, 2018. In vitro antibacterial effects of zinc oxide nanoparticles on multiple drug-resistant strains of *Staphylococcus aureus* and *Escherichia coli*: An alternative approach for antibacterial therapy of mastitis in sheep. *Veterinary world* 11: 1428-1432.

10. Alekish MO, Bani Ismail Z, Gharaibeh M, Abu-Qatoush L, 2020. Genetic relatedness, antibiogram and virulence factors of *Staphylococcus aureus* isolated from bovine mastitis and related human contacts. *Polish Journal of Veterinary Science* 23: 133-141.
11. Alekish MO, Ismail ZB, 2019. Relationship between certain serum biochemical values and serostatus against *Anaplasma marginale* in dairy cows. *Veterinary World* 12: 1858-1861.
12. Alekish MO, Ismail ZB, Hammouri HM, Daradka MH, Taha SA, Olymat I, 2018. Bacteriological cure rate and changes in milk composition in mastitis vaccinated ewes affected with subclinical mastitis. *Veterinary World* 11: 125-129.
13. Aloueedat MK, Obeidat BS, Awawdeh MS, 2019. Effects of Partial Replacement of Conventional with Alternative Feeds on Nutrient Intake, Digestibility, Milk Yield and Composition of Awassi Ewes and Lambs. *Animals* 9: 684.
14. Al-Qadri RF, Abu-Basha EA, Ababneh MM, Bani Ismail Z, Idkaidek NM, 2020. Pharmacokinetics of toltrazuril and its metabolites in pregnant and nonpregnant ewes and determination of their concentrations in milk, allantoic fluid, and newborn plasma. *Journal of Veterinary Pharmacology and Therapy* 43: 339-346.
15. Al-Rukibat R, Ismail Z, 2019. Breed-specific reference intervals of hematologic variables in Shami goats (*Capra aegagrus hircus*) with the possible effects of age and sex. *Veterinary Clinical Pathology* 48: 762-767.
16. Al-Rukibat R, Ismail Z, Al-Zghoul MB, Hananeh W, 2020. Establishment of reference intervals of selected blood biochemical parameters in Shami goats. *Veterinary Clinical Pathology* 49: 665-668.
17. Al-Sawalha NA, Almahmmod Y, Awawdeh MS, Alzoubi KH, Khabour OF, 2020. Effect of waterpipe tobacco smoke exposure on the development of metabolic syndrome in adult male rats. *PLOS ONE* 15: e0234516.
18. Al-Sawalha NA, Alshogran OY, Awawdeh MS, Almomani BA, 2019. The effects of l-Carnosine on development of metabolic syndrome in rats. *Life Sciences* 237: 116905.
19. Alsmadi MtM, Obaidat RM, Alnaief M, Albiss BA, Hailat N, 2020. Development, In Vitro Characterization, and In Vivo Toxicity Evaluation of Chitosan-Alginate Nanoporous Carriers Loaded with Cisplatin for Lung Cancer Treatment. *AAPS PharmSciTech* 21: 191.

20. Altaani BM, Almaaytah AM, Dadou S, Alkhamis K, Daradka MH, Hananeh W, 2020. Oral Delivery of Teriparatide Using a Nanoemulsion System: Design, in Vitro and in Vivo Evaluation. *Pharmaceutical Research* 37: 80.
21. Al-Tamimi H, Al-Atiyat R, Al-Majali A, Alameri O, 2019. Renal efficiency underlies adaptive heterothermy of heat-stressed hypohydrated goats. *Tropical Animal Health and Production* 51: 2287-2295.
22. Al-Zghoul MB, 2018. Thermal manipulation during broiler chicken embryogenesis increases basal mRNA levels and alters production dynamics of heat shock proteins 70 and 60 and heat shock factors 3 and 4 during thermal stress. *Poultry Science* 97: 3661-3670.
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29. Awaisheh SS, Khalifeh MS, Rahahleh RJ, Al-Khaza'leh JM, Algroom RM, 2019. Sulfamethazine contamination level and exposure assessment in domestic and imported poultry meats in Jordan. *Veterinary World* 12: 1992-1997.

30. Awawdeh MS, Dager HK, Obeidat BS, 2019. Effects of alternative feedstuffs on growth performance, carcass characteristics, and meat quality of growing Awassi lambs. *Italian Journal of Animal Science* 18: 777-785.
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33. Awawdeh MS, Hananeh WM, Abdullah AY, 2018. Histopathological effects of alternative feedstuffs (sesame hulls and *Prosopis juliflora*) on ruminal walls in black goat kids in Jordan. *Journal of Applied Animal Research* 46: 130-133.
34. Bagheri Nejad R, Krecek RC, Khalaf OH, Hailat N, Arenas-Gamboa AM, 2020. Brucellosis in the Middle East: Current situation and a pathway forward. *PLOS Neglected Tropical Diseases* 14: e0008071.
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37. Daradka M, Alardah MM, Ismail ZB, 2019. Effects of autologous platelet-rich plasma coated sutures on intestinal anastomotic healing in rabbits. *Heliyon* 5: e02713.
38. Dawson P, Abu-Basha E, Amarneh B, Fahmawi A, Alshammari A, Alzaqa E, Hijazeen Z, Talafha H, Omari B, Al-Zghoul B, Ababneh M, Ismail ZB, Karesh W, 2019. Knowledge, attitudes, beliefs, and practices pertaining to camel-to-human disease risks among persons at camel farms, abattoirs, and meat markets in Jordan. *International Journal of Infectious Diseases* 79: 63-64.
39. Eljarah A, Abdullah M, Ababneh M, Jawasreh K, Alnimr M, El-Bahr S, 2019. CIDR estrous synchronization in the Arabian Oryx (*Oryx leucoryx*). *Theriogenology* 132: 113-117.

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42. Flanley CM, Ramalho-Ortigao M, Coutinho-Abreu IV, Mukbel R, Hanafi HA, El-Hossary SS, Fawaz EY, Hoel DF, Bray AW, Stayback G, Shoue DA, Kamhawi S, Emrich S, McDowell MA, 2019. *Phlebotomus papatasi* sand fly salivary protein diversity and immune response potential in Egypt and Jordan populations. *bioRxiv*: 649517.
43. Flanley CM, Ramalho-Ortigao M, Coutinho-Abreu IV, Mukbel R, Hanafi HA, El-Hossary SS, Fawaz EY, Hoel DF, Bray AW, Stayback G, Shoue DA, Kamhawi S, Emrich S, McDowell MA, 2020. *Phlebotomus papatasi* sand fly predicted salivary protein diversity and immune response potential based on in silico prediction in Egypt and Jordan populations. *PLOS Neglected Tropical Diseases* 14: e0007489.
44. Fraiwan MA, Abutarbush SM, 2020. Using Artificial Intelligence to Predict Survivability Likelihood and Need for Surgery in Horses Presented With Acute Abdomen (Colic). *Journal of Equine Veterinary Science* 90: 102973.
45. Gharaibeh MH, Abutarbush SM, Mustafa FG, Lafi SQ, Halaiqa MS, 2020. Identification of risk factors associated with antimicrobial resistance in equine fecal *Escherichia coli* isolates. *Infection, Genetics and Evolution* 83: 104317.
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49. Hailat N, Khlouf S, Ababneh M, Brown C, 2018. Pathological, Immunohistochemical and Molecular Diagnosis of Abortions in Small Ruminants in Jordan with Reference to *Chlamydia abortus* and *Brucella melitensis*. *Pakistan Veterinary Journal* 38.
50. Hananeh WM, Al-Natour MQ, Alaboudi AR, Abo-Shehada MN, Bani Ismail ZA, 2021. Congenital abnormalities in dead-in-shell chicks associated with mixed bacterial infections. *Heliyon* 7: e06272.
51. Hananeh WM, Ismail ZB, 2018. Concurrent occurrence of acute bovine pulmonary edema and emphysema and endocardial fibroelastosis in cattle: A case history and literature review. *Veterinary World* 11: 971-976.
52. Hananeh WM, Ismail ZB, Daradka MH, 2019. Tumors of the reproductive tract of sheep and goats: A review of the current literature and a report of vaginal fibroma in an Awassi ewe. *Veterinary World* 12: 778-782.
53. Hananeh WM, Momani WMA, Ababneh MM, Abutarbush SM, 2018. *Mycoplasma bovis* arthritis and pneumonia in calves in Jordan: An emerging disease. *Veterinary World* 11: 1663-1668.
54. Hijazeen ZS, Ismail ZB, M Al-Majali A, 2020. Prevalence and risk factors of some arthropod-transmitted diseases in cattle and sheep in Jordan. *Veterinary World* 13: 201-205.
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61. Lafi SQ, Talafha AQ, Abu-Dalbouh MA, Hailat RS, Khalifeh MS, 2020. Seroprevalence and associated risk factors of *Coxiella burnetii* (Q fever) in goats and sheep in northern Jordan. *Tropical Animal Health and Production* 52: 1553-1559.
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