

Review Articles

- Mouse models of oral cancer: challenges and opportunities
Dhanya Venugopalan Nair & A. Gopala Reddy203-207

Research Articles

- In vitro reduction of hexavalent chromium in tannery effluent
^aBhuvaneswari, M. & ^bDhevagi, P.....208-213
- In vitro evaluation of botanicals against foot rot (*Sclerotium rolfsii* Sacc.) of tomato
^aSahana, N. Banakar, ^bSanath Kumar, V. B., ^cThejsha, A. J. and Kedarnath214-216
- Evaluation of gastroprotective potential of the whole plant *Hemigraphis colorata*
^{*}Ravikumar, V.R., ^aHemalatha, P.V. & ^bSudha, T. 217-221
- Effect of dietary yeast supplementation on the production performance of broilers
Patane Atul Shankar, K. Premavalli, A.V. Omprakash, J. John Kirubakaran and G.H. Hudson.....222-228
- Estimates of genetic variability, heritability and genetic advance for yield contributing and quality traits in advance breeding lines of rice (*Oryza sativa* L.)
^aMahendar Singh Bhinda, ^bKarnwal, M.K. and ^cMahendra Kumar Choudhary229-233
- The efficiency of the entomopathogenic fungus *Beauveria bassiana* on sunn pest insect *Eurygaster integriceps* put (Hemiptera: Scutellaridae) in Iraq
Hadeel Talib Al-Barak234-237
- Detection of haemoprotozoa in camel in Al-Najaf Province, Iraq
Amer Murhum Al-Amery, Azhar Ali Faraj, Shaimaa A. Majeed238-241
- Relationship between ectopic kidney & parental consanguinity in Al- Khalis province & associated complications
^aNadia Hassan Al Salihi, ^bGhaida Abdul Nafi Fathi & ^cAli Rodan Shuwelif..... 242-245
- Correlation studies in maize (*Zea mays* L.) For yield and other yield attributing characters
Dan Singh Jakhar, Rajesh Singh, Vivek Kumar Ojha and Saket Kumar..... 246-248
- Isolation of pathogenic *Staph aureus* from frozen chicken livers from local markets in Baghdad
Ameer H. Abdul Ameer249-252
- Morphological and histological features of naso-palatine duct of indigenous buffalo (*Bos indicus*)
Dhyaa, Ab. Abood 252-256
- Plasma microRNA-16 expression as a potential biomarker for disease assessment in newly diagnosed rheumatoid arthritis patients
^aMayyadah H. Rashid, ^bRaja H. Al-Jubouri and ^cMohammed H.Alosami..... 257-262
- Effects of spirulina powder in colouration and growth enhancement of an indigenous ornamental fish *Trichogaster lalius*
^aSnigdha Baksi, ^aSamarendra Behera, ^aDibakar Bhakta, ^aSanjeev Kumar, ^aOlik Jomang, ^aShibam Saha & ^bAnandamoy Mondal263-267

Determine the levels of histamine in certain types of local and imported fish Raafat A. Abu-ALmaaly	268-271
Physico-chemical properties and hydration behaviour of sorghum and maize for development of cereal flakes ^a Satish Kumar, ^a Ashok Kumar, ^a Sanoj Kumar, ^b Prem Prakash	272-277
Detection of mycotoxins in sunflower seed intended or edible for human consumption flower Adil T. Al-Musawi	278-281
Family violence: related with adolescent's aggression ^a Vandana Kumari & ^b Tejpreet K. Kang	282-288
Vegetable based farming systems to augment farm income and nutrition in Kolar District, Karnataka ^a Raghavendra, D.V. & ^b Sreenivasa Murthy, D.	289-295
Effect of the saffron flower (<i>Crocus sativus</i> L.) Extracts toward the bacterium <i>Staphylococcus aureus</i> that causes conjunctivitis pus Aliaa Saadoon Abdul-Razaq Al-Faraji	296-298
The genetic sequence of the human <i>Toxoplasma gondii</i> – in Baghdad ^a Nazar Sh. Mohammed, ^b Batool A. Al-Haidary, ^c Maysara S. Khalaf, ^d Fadia Abd Al- Muhsin Al-khayat.....	299-302
Immunohistochemical study of tumor necrosis factor-alpha (TNF-) expression in lung, liver, and spleen during brucellosis infection L.H. Salema	303-308
Efficacy of some botanicals against leaf spot of mung bean (<i>Vigna radiata</i> L.) Caused by <i>Cercospora canescens</i> [*] Mukesh Kumar Sheshma , Shashi Tiwari, Ramraj Choudhary, S. S. kakraliya and Rajendra Nasnwaa	309-311
GIS mapping and distribution of heavy metals (Pb, Cd, Cr, Ni) concentration in agricultural soils of cold arid Region- Leh (Ladakh) ^a Phuntsog Tundup, ^a M.A. Wani, ^b Ngawang Dorjay, ^c Shabber Hussain, ^d Sonam Dawa	312-317
Hemato-biochemical alterations in canine diabetes mellitus with special reference to glycated hemoglobin as a diagnostic tool ^a Shruthi J.S., ^a Ramesh, P.T. and ^b Umesh, K.G.	318-321
Economics of production of drumstick (<i>Moringa oleifera</i>) in Vadodara District of Gujarat ^a Ritambhara Singh, ^b M.R. Prajapati, and ^a Jemish Savani.....	322-328
Using aqueous extract of <i>Malva sylvestris</i> as inhibitor for the growth of some microorganisms that cause urinary tract infections Ibtisam Fareed Ali Karm	329-334
The impact of cortisol hormone on hypothyroid patients with and without periodontitis ^a Sahar H. Al-Hindawi, ^b Batool H. Al-Ghurabei, ^c Noori M. Luaibi.....	335-338
Seed quality assessment in naturally aged seed lots of fennel Deepak Kumar Singhal, Vinod Kumar, Tehlan, S.K. and Shiwani.....	339-344
Study of alkaloids, phenols and terpenes of <i>Mentha spicata</i> as a fungicide against <i>Rhizoctonia solani</i> , <i>Sclerotinia sclerotiorum</i> and <i>Fusarium oxysporum</i> Alaa M.Y. Al-Araji*, Alaa M. Hasan, Ahmed J. Fradi, Sura M. Abdul majeed, Wisam W. Abdul majeed & Emad T. Naji	345-354

Effects of partial acidulated phosphate rock and compost on adsorption and desorption capacities of copper in calcareous soil ^a Al-Rubaye, M.A. & ^b Alganabi, F.K.	355-359
Seeds of Tamarindus indica as anti-cancer in some cell line ^a Sumaiah I. Hussein, ^b Nahi Y. Yaseen, ^c Shatha Q. Jawad and ^d Suha T. Abd	360-362
Gel local drug delivery and redelivery of rosuvastatin in the treatment of class ii furcation defects Saif S. Saliem.....	363-366
Theoretical study of the interaction nature of chalcantrene with fullerene C60 Ahmed k. Owaid Al-Lami	367-372
Evaluation of probiotic, prebiotic and synbiotic on starter broilers performance subjected to bursa vaccine and Clostridium perfringens challenge Yasser Jamal Jameel	373-377
A study of some pathological lesions in the lung of sheep at khanakin abattoir Mohammed Abd Mahamud & Khalil Hassan Zenad	378-381
Correlation and path analysis for yield and yield components in blackgram (Vigna mungo) Arya, P., Gaibriyal M. Lal and Sapna S Lal	382-386
Evaluation of sanitary monitoring and the possibility of implementing inspection program in baghdad restaurants ^a Mahmud Abdullah Jasim Alkhafaji & ^b Ali Hussien Obied Altimi	387-390
Study the optical properties of biodegradable polylactic acid / silver nanocomposites Nadia Abbas Ali	391-395
Supplementation effects of some cereal products by different percentages of lupin flour on physicochemical properties of those products ^a Hamdia, M.S. Al-Hamdani & ^b Eman, H.A.A.	396-403
Iraqi method in preparing green tea as mouth washes Alaa Omran Ali	
The effects of type 2 diabetic mellitus on the levels of testosterone, estradiol, gonadotropins, and retinol binding protein 4 Rawaa Ali Rahmat & Ali Shalash Sultan	404-410

Short Communication