

Clinical Laboratory Sciences department Publications in 2019

1.	Heinz E, Ejaz H, Bartholdson Scott J, Wang N, Gujran S, Pickard D, Wilksch J, Cao H, Haq IU, Dougan G, Strugnell RA. Resistance mechanisms and population structure of highly drug resistant Klebsiella in Pakistan during the introduction of the carbapenemase NDM-1. <i>Sci Rep.</i> 2019 Feb 20;9(1):2392. doi: 10.1038/s41598-019-38943-7. PMID: 30787414; PMCID: PMC6382945.
2.	Ejaz, Hasan. "Determination of bacterial profile and spectrum of antimicrobial drug resistance in pediatric wound infections." <i>J Pure Appl Microbiol</i> 13.4 (2019): 2097-2104.
3.	Ejaz, Hasan. "Emerging resistance of van genotype in enterococci: A potential menace for therapeutic failure." <i>Pakistan Journal of Medical Sciences</i> 35.6 (2019): 1659.
4.	Abbas S, Ejaz H, Jahan S, Younas S, Alzahrani B, Farraj DAA, Alkufeyid RM. Molecular Detection of blaIMP Genes in Metallo-Beta-Lactamase Producing Clinical Gram-Negative Isolates. <i>Clin Lab.</i> 2019 Aug 1;65(8). doi: 10.7754/Clin.Lab.2019.190202. PMID: 31414749.
5.	Ejaz, Hasan, and Moon Ramzan. "Determination of minimum inhibitory concentrations of various antifungal agents in clinical isolates of Candida species." <i>JPMA. The Journal of the Pakistan Medical Association</i> 69.8 (2019): 1131-1135.
6.	Ding SLS, Koh AE, Kumar S, Ali Khan MS, Alzahrani B, Mok PL. Genetically-modified human mesenchymal stem cells to express erythropoietin enhances differentiation into retinal photoreceptors: An in-vitro study. <i>J Photochem Photobiol B.</i> 2019 Jun;195:33-38. doi: 10.1016/j.jphotobiol.2019.04.008. Epub 2019 Apr 24. PMID: 31060031.

7.	Ejaz, H., A. Ahsan, and A. Zafar. "Bacterial profile and antimicrobial resistance of uropathogenic enterobacteriaceae." <i>Pak J Med Health Sci</i> 13 (2019): 451-454
8.	Albegali AA, Shahzad M, Mahmood S, Ullah MI. Genetic association of insulin receptor substrate-1 (IRS-1, rs1801278) gene with insulin resistant of type 2 diabetes mellitus in a Pakistani population. <i>Mol Biol Rep.</i> 2019 Dec;46(6):6065-6070. doi: 10.1007/s11033-019-05041-w. Epub 2019 Aug 24. PMID: 31446532.
9.	Ding SSL, Subbiah SK, Khan MSA, Farhana A, Mok PL. Empowering Mesenchymal Stem Cells for Ocular Degenerative Disorders. <i>Int J Mol Sci.</i> 2019 Apr 10;20(7):1784. doi: 10.3390/ijms20071784. PMID: 30974904; PMCID: PMC6480671.
10.	Jafar J, Junaid K, Saleem K, Amjad S, Arshad F, Amjad T, Raja N, Gillani A. Hypovitaminosis D in Hepatitis C patients and its relation with demographic and laboratory data. <i>J Pak Med Assoc.</i> 2019 Nov;69(11):1637-1641. doi: 10.5455/JPMA.301067.. PMID: 31740870.
11.	Junaid, Kashaf, and Abdul Rehman. "Impact of vitamin D on infectious disease-tuberculosis-a review." <i>Clinical Nutrition Experimental</i> 25 (2019): 1-10.
12.	Junaid, K. A. S. H. A. F., et al. "Burn wound infections: a serious threat of multidrug-resistant <i>Staphylococcus aureus</i> ." <i>Pak. J. Med. Health Sci</i> 13.3 (2019): 804-807.
13.	Al Jaouni S, Selim S, Hassan SH, Mohamad HSH, Wadaan MAM, Hozzein WN, Asard H, AbdElgawad H. Vermicompost Supply Modifies Chemical Composition and Improves Nutritive and Medicinal Properties of Date Palm Fruits From Saudi Arabia. <i>Front Plant Sci.</i> 2019 Apr 11;10:424. doi: 10.3389/fpls.2019.00424. PMID: 31031781; PMCID: PMC6470401.

14.	AbdElgawad H, Saleh AM, Al Jaouni S, Selim S, Hassan MO, Wadaan MAM, Shuikan AM, Mohamed HS, Hozzein WN. Utilization of actinobacteria to enhance the production and quality of date palm (<i>Phoenix dactylifera L.</i>) fruits in a semi-arid environment. <i>Sci Total Environ.</i> 2019 May 15;665:690-697. doi: 10.1016/j.scitotenv.2019.02.140. Epub 2019 Feb 11. PMID: 30780014.
15.	Saleh AM, Hassan YM, Selim S, AbdElgawad H. NiO-nanoparticles induce reduced phytotoxic hazards in wheat (<i>Triticum aestivum L.</i>) grown under future climate CO ₂ . <i>Chemosphere.</i> 2019 Apr;220:1047-1057. doi: 10.1016/j.chemosphere.2019.01.023. Epub 2019 Jan 4. PMID: 33395791.
16.	Hozzein WN, Abuelsoud W, Wadaan MAM, Shuikan AM, Selim S, Al Jaouni S, AbdElgawad H. Exploring the potential of actinomycetes in improving soil fertility and grain quality of economically important cereals. <i>Sci Total Environ.</i> 2019 Feb 15;651(Pt 2):2787-2798. doi: 10.1016/j.scitotenv.2018.10.048. Epub 2018 Oct 5. PMID: 30463132.
17.	Hamed SM, Hassan SH, Selim S, Kumar A, Khalaf SMH, Wadaan MAM, Hozzein WN, AbdElgawad H. Physiological and biochemical responses to aluminum-induced oxidative stress in two cyanobacterial species. <i>Environ Pollut.</i> 2019 Aug;251:961-969. doi: 10.1016/j.envpol.2019.05.036. Epub 2019 May 16. PMID: 31234263.
18.	Selim S, Hassan YM, Saleh AM, Habeeb TH, AbdElgawad H. Actinobacterium isolated from a semi-arid environment improves the drought tolerance in maize (<i>Zea mays L.</i>). <i>Plant Physiol Biochem.</i> 2019 Sep;142:15-21. doi: 10.1016/j.plaphy.2019.06.029. Epub 2019 Jun 22. PMID: 31252370.

19.	Van De Velde, Helena, Selim S et al. "Interspecific plant competition mediates the metabolic and ecological signature of a plant–herbivore interaction under warming and elevated CO ₂ ." <i>Functional Ecology</i> 33.10 (2019): 1842-1853.
20.	de Sousa A, Saleh AM, Habeeb TH, Hassan YM, Zrieq R, Wadaan MAM, Hozzein WN, Selim S, Matos M, AbdElgawad H. Silicon dioxide nanoparticles ameliorate the phytotoxic hazards of aluminum in maize grown on acidic soil. <i>Sci Total Environ.</i> 2019 Nov 25;693:133636. doi: 10.1016/j.scitotenv.2019.133636. Epub 2019 Jul 27. PMID: 31377375.
21.	Zrig, A., Ferreira, J. F., Hamouda, F., Tounekti, T., Selim, S., Al Jaouni, S., ... & Abdelgawad, H. (2019). The impact of foliar fertilizers on growth and biochemical responses of <i>Thymus vulgaris</i> to salinity stress. <i>Arid Land Research and Management</i> , 33(3), 297-320.
22.	Sipiczki M, Selim SA. Antagonistic yeasts from a salt-lake region in Egypt: identification of a taxonomically distinct group of phylloplane strains related to <i>Sporisorium</i> . <i>Antonie Van Leeuwenhoek</i> . 2019 Apr;112(4):523-541. doi: 10.1007/s10482-018-1184-8. Epub 2018 Oct 13. PMID: 30317452.
23.	Selim, S., Aziz, M. A., El-Alfay, S., & Zakaria, H. (2019). Incidence and Antibiotics Resistance of <i>Staphylococci</i> and <i>Escherichia coli</i> Isolated from Diabetic Urinary Tract Infection Patients in Egypt. <i>Journal of Pure and Applied Microbiology</i> , 13(3), 1697-1703.
24.	Elissidig, S. A., & Selim, S. A. (2019). Evaluate Histological Changes and Resistance to Antibiotics Profile of Bacteria Causing Burn Infection. <i>Journal of Pure and Applied Microbiology</i> , 13(3), 1769-1775.

25.	Imran M, Rauf A, Shah ZA, Saeed F, Imran A, Arshad MU, Ahmad B, Bawazeer S, Atif M, Peters DG, Mubarak MS. Chemo-preventive and therapeutic effect of the dietary flavonoid kaempferol: A comprehensive review. <i>Phytother Res</i> . 2019 Feb;33(2):263-275. doi: 10.1002/ptr.6227. Epub 2018 Nov 7. PMID: 30402931.
26.	Imran M, Rauf A, Abu-Izneid T, Nadeem M, Shariati MA, Khan IA, Imran A, Orhan IE, Rizwan M, Atif M, Gondal TA, Mubarak MS. Luteolin, a flavonoid, as an anticancer agent: A review. <i>Biomed Pharmacother</i> . 2019 Apr;112:108612. doi: 10.1016/j.biopha.2019.108612. Epub 2019 Feb 21. Erratum in: <i>Biomed Pharmacother</i> . 2019 Aug;116:109084. PMID: 30798142.
27.	Ahsan, F., Sharif, M. K., Butt, M. S., Rauf, A., Shariati, M. A., Imran, M., ... & Algarni, H. (2019). Legumes and leafy vegetables based multi-mix pakoras to alleviate iron and protein deficiency among school aged children. <i>BioCell</i> , 43(1).
28.	Nzungize L, Ali MK, Wang X, Huang X, Yang W, Duan X, Yan S, Li C, Abdalla AE, Jeyakkumar P, Xie J. <i>Mycobacterium tuberculosis</i> metC (Rv3340) derived hydrogen sulphide conferring bacteria stress survival. <i>J Drug Target</i> . 2019 Nov;27(9):1004-1016. doi: 10.1080/1061186X.2019.1579820. Epub 2019 Mar 21. PMID: 30730218.
29.	Yagoup, M.A., Taha, A.A., Mubarak, A.K., Abdalla, A.E., Ournasseir, M.E., Abosalif, K.O.A., Alameen, A.A.M., Ejaz, H. 2019. Drugs-Resistant <i>Pseudomonas aeruginosa</i> Isolated from Various Clinical Specimens in Khartoum, Sudan. <i>Pak. J. Med. Health Sci.</i> 13(2): 441-444.
30.	Abdalla, A.E., Kabashi, A.B., Elbaid, M.E., Haj Hamed, N.M., Modawy, W.A., Mohammed Alameen, A.A., Abdalla Abosalif, K.O., Ejaz, H. 2019. Methicillin and Inducible Clindamycin-Resistant <i>Staphylococcus aureus</i> Isolated from Postoperative

	Wound Samples. Journal of Pure and Applied Microbiology. 13(3): 1605-1609. DOI: 10.22207/JPAM.13.3.33
31.	Abosalif, K.O.A., Ejaz, H., Almadini, A., Alghamdi, S., Alhaily, M.,,, Abdalla, A.E., Junaid, K., Younas, S. 2019. Recent trend in the prevalence of Plasmodium falciparum in Jazan area, Kingdom Saudi Arabia. Pak. J. Med. Heath Sci. 13(1): 173-175

