

FAMS Publications in peer-reviewed journals (2021):

S.No.	Publication	URL
1	Ullah MF, Alnour TMS, Elssaig EH, Ahmed-Abakur EH. Characterization of altered genomic landscape of SARS-CoV-2 variants isolated in Saudi Arabia in a comparative in silico study. <i>Saudi J Biol Sci.</i> 2021 Dec;28(12):6803-6807	https://pubmed.ncbi.nlm.nih.gov/34866979/
2	Tarig M S Alnour, Ullah MF, Elssaig EH, Ahmed-Abakur EH. Unique SARS-CoV-2 Variant Exhibiting Plenteous Missense Mutations in Structural and Nonstructural Genes. <i>Cytol Genet.</i> 2021;55(6):606-612.	https://pubmed.ncbi.nlm.nih.gov/34924640/
3	Ullah MF, Showket H. Bhat, Muhammad Tariq, Faisel M. Abuduhier, Ghulam Md Ashraf, Aamir Ahmad. Plant-derived small molecule inhibitors as modulators of EMT pathway in cancer chemoprevention, Editor(s): Atta-ur-Rahman,Studies in Natural Products Chemistry,Elsevier, Volume 71, 2021,Pages 45-65	https://www.elsevier.com/books/studies-in-natural-products-chemistry/atta-urrahman/978-0-323-91095-8
4	Ahmad S, Abbas M, Ullah MF, Aziz MH, Beylerli O, Alam MA, Syed MA, Uddin S, Ahmad A. Long non-coding RNAs regulated NF-κB signaling in cancer metastasis: Micromanaging by not so small non-coding RNAs. <i>Semin Cancer Biol.</i> 2021 Jul 24:S1044-579X(21)00210-8.	https://pubmed.ncbi.nlm.nih.gov/34314819/
5	Mir R, Elfaki I, Duhier FMA, Alotaibi MA, AlAlawy AI, Barnawi J, Babakr AT, Mir MM, Mirghani H, Hamadi A, Dabla PK. Molecular Determination of mirRNA-126 rs4636297, Phosphoinositide-3-Kinase Regulatory Subunit 1-Gene Variability rs7713645, rs706713 (Tyr73Tyr), rs3730089 (Met326Ile) and Their Association with Susceptibility to T2D. <i>J Pers Med.</i> 2021 Aug 29;11(9):861.	https://pubmed.ncbi.nlm.nih.gov/34575638/
6	Elfaki I, Mir R, Duhier FMA, Alotaibi MA, Alalawy AI, Barnawi J, Babakr AT, Mir MM, Altayeb F, Mirghani H, Frah EAM. Clinical Implications of MiR128, Angiotensin I Converting Enzyme and Vascular Endothelial Growth Factor Gene Abnormalities and Their Association with T2D. <i>Curr Issues Mol Biol.</i> 2021 Nov 2;43(3):1859-1875	https://pubmed.ncbi.nlm.nih.gov/34889890/
7	Waza AA, Tarfeen N, Majid S, Hassan Y, Mir R, Rather MY, Shah NUD. Metastatic Breast Cancer, Organotropism and Therapeutics: A Review. <i>Curr Cancer Drug Targets.</i> 2021;21(10):813-828.	https://pubmed.ncbi.nlm.nih.gov/34365922/
8	Zuberi M, Dholariya S, Khan I, Mir R, Guru S, Bhat M, Sumi M, Saxena A. Epigenetic Silencing of DAPK1and p16INK4a Genes by CpG Island Hypermethylation in Epithelial Ovarian Cancer Patients. <i>Indian J Clin Biochem.</i> 2021 Apr;36(2):200-207.	https://pubmed.ncbi.nlm.nih.gov/33867711/
9	Sumi MP, Guru SA, Mir R, Sahu S, Bhat MA, Girish MP, Saxena A. Molecular Evaluation of Exon 8 Cystathionine rs5742905T T>C Gene Polymorphism and Determination of its Frequency, Distribution Pattern, and Association with Susceptibility to Coronary Artery Disease in the North Indian Population. <i>Cardiovasc Hematol Disord Drug Targets.</i> 2021;21(2):115-122	https://pubmed.ncbi.nlm.nih.gov/33719952/

10	Mir R, Abu-Duhier FM, Albalawi IA. Molecular Evaluation of HIF-1 α Gene Variation and Determination of Its Frequency and Association with Breast Cancer Susceptibility in Saudi Arabia. <i>Endocr Metab Immune Disord Drug Targets.</i> 2021;21(3):544-553.	https://pubmed.ncbi.nlm.nih.gov/32914726/
11	Mir R, Elfaki I, Khullar N, Waza AA, Jha C, Mir MM, Nisa S, Mohammad B, Mir TA, Maqbool M, Barnawi J, Albalawi SO, Abu-Duhier FM. Role of Selected miRNAs as Diagnostic and Prognostic Biomarkers in Cardiovascular Diseases, Including Coronary Artery Disease, Myocardial Infarction and Atherosclerosis. <i>J Cardiovasc Dev Dis.</i> 2021 Feb 19;8(2):22.	https://pubmed.ncbi.nlm.nih.gov/33669699/
12	Bawazir WM, Khogeer A, Ashour A, Sabbag M, Alserhi R, Felimban R, Hakami N, Altayar M, Mirza A, Elfayomi R, Shinawi T. The distribution of Duffy alleles and genotypes in a Western Saudi cohort. <i>Medical Science,</i> 2021, 25(110), 999-1009	http://www.discoveryjournals.org/medicalscience/current_issue/v25/n110/A29.htm
13	Al-Amer OM, Oyouni AAA, Alshehri MA, Alasmari A, Alzahrani OR, Aljohani SAS, Alasmael N, Theyab A, Algahtani M, Al Sadoun H, Alsharif KF, Hamad A, Abdali WA, Hawasawi YM. Association of SNPs within TMPRSS6 and BMP2 genes with iron deficiency status in Saudi Arabia. <i>PLoS One.</i> 2021 Nov 15;16(11):e0257895.	https://pubmed.ncbi.nlm.nih.gov/34780475/
14	El-Magd MA, Abdelfattah-Hassan A, Elsy RA, Hawsawi YM, Oyouni AA, Al-Amer OM, El-Shetry ES. Expression and function of Ebf1 gene during chondrogenesis in chick embryo limb buds. <i>Gene.</i> 2021 Nov 30;803:145895.	https://pubmed.ncbi.nlm.nih.gov/34384862/
15	Barnawi I, Hawsawi Y, Dash P, Oyouni AAA, Mustafa SK, Hussien NA, Al-Amer O, Alomar S, Mansour L. Nitric Oxide Synthase Potentiates the Resistance of Cancer Cell Lines to Anticancer Chemotherapeutics. <i>Anticancer Agents Med Chem.</i> 2021 Jun 22.	https://pubmed.ncbi.nlm.nih.gov/34165414/
16	Alanazi IO, Shaik JP, Parine NR, et al. Association of HER1 and HER2 Gene Variants in the Predisposition of Colorectal Cancer. <i>J Oncol.</i> 2021;2021:6180337	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8553481/
17	Alzahrani FA, Hawsawi YM, Altayeb HN, Alsiwiehri NO, Alzahrani OR, Alatwi HE, Al-Amer OM, Alomar S, Mansour L. In silico modeling of the interaction between TEX19 and LIRE1, and analysis of TEX19 gene missense SNPs. <i>Mol Genet Genomic Med.</i> 2021 Jul;9(7):e1707.	https://pubmed.ncbi.nlm.nih.gov/34036740/
18	Al-Brakati A, Alsharif KF, Alzahrani KJ, Kabrah S, Al-Amer O, Oyouni AA, Habotta OA, Lokman MS, Bauomy AA, Kassab RB, Abdel Moneim AE. Using Green Biosynthesized Lycopene-Coated Selenium Nanoparticles to Rescue Renal Damage in Glycerol-Induced Acute Kidney Injury in Rats. <i>Int J Nanomedicine.</i> 2021 Jun 29;16:4335-4349.	https://pubmed.ncbi.nlm.nih.gov/34234429/
19	Zedan AMG, Sakran MI, Bahattab O, Hawsawi YM, Al-Amer O, Oyouni AAA, Nasr Eldeen SK, El-Magd MA. Oriental Hornet (<i>Vespa orientalis</i>) Larval Extracts Induce Antiproliferative, Antioxidant, Anti-Inflammatory, and Anti-Migratory Effects on MCF7 Cells. <i>Molecules.</i> 2021 May 31;26(11):3303.	https://pubmed.ncbi.nlm.nih.gov/34072744/
20	Hawsawi YM, Zailiae SA, Oyouni AAA, Alzahrani OR, Alamer OM, Aljohani SAS. Prostate cancer and therapeutic challenges. <i>J Biol Res (Thessalon).</i> 2020 Dec 10;27(1):20.	https://pubmed.ncbi.nlm.nih.gov/33303035/

21	Ali FEM, M Elfiky M, Fadda WA, Ali HS, Mahmoud AR, Mohammedsaleh ZM, Abd-Elhamid TH. Regulation of IL-6/STAT-3/Wnt axis by nifuroxazide dampens colon ulcer in acetic acid-induced ulcerative colitis model: Novel mechanistic insight. <i>Life Sci.</i> 2021 Jul 1;276:119433.	https://pubmed.ncbi.nlm.nih.gov/33794250/
22	Qari SA, Alahmadi AA, Ali SS, Mohammedsaleh ZM, Ibrahim RFA, El-Shitany NA. Effect of prolonged whole-body hyperthermia on adult male rat testes and the protective role of vitamin C and E: A histological and biochemical study. <i>Andrologia.</i> 2021 Aug;53(7):e14075.	https://pubmed.ncbi.nlm.nih.gov/33877689/
23	Ali FEM, Mohammedsaleh ZM, Ali MM, Ghogar OM. Impact of cytokine storm and systemic inflammation on liver impairment patients infected by SARS-CoV-2: Prospective therapeutic challenges. <i>World J Gastroenterol.</i> 2021 Apr 21;27(15):1531-1552.	https://pubmed.ncbi.nlm.nih.gov/33958841/
24	Zhou L, Raza SHA, Ma B, Shater AF, Mohammedsaleh ZM, Jahejo AR, Li J, Gui L. Mutations in FGFR1 were associated with growth traits in sheep (<i>Ovis aries</i>). <i>Anim Biotechnol.</i> 2021 Jun 7:1-7.	https://pubmed.ncbi.nlm.nih.gov/34097574/
25	Rajput SA, Shaukat A, Rajput IR, Kamboh AA, Iqbal Z, Saeed M, Akhtar RW, Shah SAH, Raza MA, El Askary A, Abdel-Daim MM, Mohammedsaleh ZM, Aljarai RM, Alamoudi MO, Alotaibi MA. Ginsenoside Rb1 prevents deoxynivalenol-induced immune injury via alleviating oxidative stress and apoptosis in mice. <i>Ecotoxicol Environ Saf.</i> 2021 Sep 1;220:112333.	https://pubmed.ncbi.nlm.nih.gov/34058674/
26	Rehman A, Akram AM, Chaudhary A, Sheikh N, Hussain Z, Alsanie WF, Rehman RA, Hameed N, Saleem T, Zafar A, Absar M, Iqbal Z, Alhzami A, Baeshen HA, Mohammedsaleh ZM, Qamer S, Sayed S, Gaber A. RUNX1 mutation and elevated FLT3 gene expression cooperates to induce inferior prognosis in cytogenetically normal acute myeloid leukemia patients. <i>Saudi J Biol Sci.</i> 2021 Sep;28(9):4845-4851.	https://pubmed.ncbi.nlm.nih.gov/34466057/
27	Sayed AM, Hassanein EHM, Ali FEM, Omar ZMM, Rashwan EK, Mohammedsaleh ZM, Abd El-Ghafar OAM. Regulation of Keap-1/Nrf2/AKT and iNOS/NF-κB/TLR4 signals by apocynin abrogated methotrexate-induced testicular toxicity: Mechanistic insights and computational pharmacological analysis. <i>Life Sci.</i> 2021 Nov 1;284:119911.	https://pubmed.ncbi.nlm.nih.gov/34450167/
28	Sahlan M, Rizka Alia Hapsari N, Diah Pratami K, et al. Potential hepatoprotective effects of flavonoids contained in propolis from South Sulawesi against chemotherapy agents. <i>Saudi J Biol Sci.</i> 2021;28(10):5461-5468.	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8459154/
29	Almohaimeed HM, Mohammedsaleh ZM, Batawi AH, Balgoon MJ, Ramadan OI, Baz HA, Al Jaouni S, Ayoub NN. Synergistic Anti-inflammatory and Neuroprotective Effects of Cinnamomum cassia and Zingiber officinale Alleviate Diabetes-Induced Hippocampal Changes in Male Albino Rats: Structural and Molecular Evidence. <i>Front Cell Dev Biol.</i> 2021 Sep 8;9:727049.	https://pubmed.ncbi.nlm.nih.gov/34568337/
30	Almohaimeed HM, Albadawi EA, Mohammedsaleh ZM, Alghabban HM, Seleem HS, Ramadan OI, Ayoub NN. Brain-derived Neurotropic factor (BDNF) mediates the protective effect of Cucurbita pepo L. on salivary glands of rats exposed to chronic stress evident by structural, biochemical and molecular study. <i>J Appl Oral Sci.</i> 2021 Oct 4;29:e20201080	https://pubmed.ncbi.nlm.nih.gov/34614119/

31	Shaapan RM, Al-Abodi HR, Alanazi AD, Abdel-Shafy S, Rashidipour M, Shater AF, Mahmoudvand H. Myrtus communis Essential Oil; Anti-Parasitic Effects and Induction of the Innate Immune System in Mice with Toxoplasma gondii Infection. <i>Molecules.</i> 2021 Feb 4;26(4):819.	https://pubmed.ncbi.nlm.nih.gov/33557392/
32	Alhabbab RY, Alsaeedi A, Algaissi A, Almahboub S, Al-Raddadi RM, Shabouni OI, Alhabbab R, Alfaraj AA, Alamri SS, Aljehani ND, Abdulal RH, Alfaleh MA, Abujamel TS, Alkayyal AA, Mahmoud AB, Abuzenadah AM, Hashem AM. Seroprevalence of SARS-CoV-2 Binding and Neutralizing Antibodies in Healthcare Workers during the Epidemic Peak in Referral Hospitals and Quarantine Sites: Saudi Arabia. <i>Viruses.</i> 2021 Jul 20;13(7):1413.	https://pubmed.ncbi.nlm.nih.gov/34372618/
33	Sajini AA, Alkayyal AA, Mubaraki FA. The Recombination Potential between SARS-CoV-2 and MERS-CoV from Cross-Species Spill-over Infections. <i>J Epidemiol Glob Health.</i> 2021 Jun;11(2):155-159.	https://pubmed.ncbi.nlm.nih.gov/33605109/
34	Raza SHA, Naqvi SRZ, Abdelnour SA, Schreurs N, Mohammedsaleh ZM, Khan I, Shater AF, Abd El-Hack ME, Khafaga AF, Quan G, Khan R, Wang S, Cheng G, Zan L. Beneficial effects and health benefits of Astaxanthin molecules on animal production: A review. <i>Res Vet Sci.</i> 2021 Sep;138:69-78.	https://pubmed.ncbi.nlm.nih.gov/34111716/
35	Liang C, Raza SHA, Naqvi MAR, Feng Y, Khan R, Mohammedsaleh ZM, Shater AF, Al-Ahmadi BM, Saleh FM, Bilal MA, Zan L. Construction of Adipogenic ceRNA Network Based on lncRNA Expression Profile of Adipogenic Differentiation of Human MSC Cells. <i>Biochem Genet.</i> 2021	https://pubmed.ncbi.nlm.nih.gov/34302581/
36	Gong Cheng, Sayed Haidar Abbas Raza, Rajwali Khan, Hong Wang, Abdullah F. Shater, Zuhair M. Mohammedsaleh, Li Wang, Yuan Tian, Feng Long, Linsen Zan. C/EBP β converts bovine fibroblasts to adipocytes without hormone cocktail induction. <i>Electronic Journal of Biotechnology.</i> 2021;52: 67-75	https://www.sciencedirect.com/science/article/pii/S0717345821000233
37	Rohit Kumar, Samy Sayed, Madhu Bala, Sayed-Ashraf Elarraouty, Jana Ivanič Porhajašová, Zuhair M. Mohammedsaleh, Abdullah F. Shater, Bassam M. Al-ahmadi. Ultramorphological study of immature stages and male genitalia of forensically significant flesh fly <i>Sarcophaga dux thomson, 1868</i> (Diptera: Sarcophagidae), <i>Journal of King Saud University – Science.</i> 201;33 (5): 101460	https://www.sciencedirect.com/science/article/pii/S101836472100121X
38	Tawseef Khan, Nasreen Nasreen, Abdullah F. Shater, Wali khan, Adil Khan, Mustafa Kamal, Rommel Vinueza, Renato Leon, Ahmad R. Alhimaidi, Omar A. Al-Jabr. Risk factor analysis for the prevalence of gastrointestinal parasites found in large ruminants in Lower Dir Khyber Pakhtunkhwa Pakistan. <i>Saudi Journal of Biological Sciences.</i> 2021;28 (12): 7022-7026,	https://www.sciencedirect.com/science/article/pii/S1319562X21006628
39	Linsheng Gui, Sayed Haidar Abbas Raza, Boyan Ma, Ahmed A. Easa, Fayed Althobaiti, Mustafa Shukry, Mashael Alhumaidi Alotaibi, Tahani Mohamed Ibrahim Al Hazani, Mahmoud A.O. Dawood, Rajwali Khan, Ali Raza Jahejo, Abdullah F. Shater, Ayman H. Abd El-Aziz, Guobo Quan, Khawla Hassan Alanbari, Lei Wang. CEBP β binding directly to the promoter region drives CEBP α transcription and improves FABP4 transcriptional activity in adipose tissue of yak (<i>Bos grunniens</i>). <i>Research in Veterinary Science.</i> 2021;141:174-179,	https://www.sciencedirect.com/science/article/abs/pii/S003452882100312X

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41	Aadil Yousif Mohamed, Elharam Abdallah, Mosab Jafer Hamad, Rofaida Abd Alaleem Gorashi. The Prevalence of Glucose-Six-Phosphate Dehydrogenase Deficiency In Patients With Sickle Cell Anemia In Sudan. <i>Wjpr.</i> 2021, Vol 10, Issue 5, 20215-20319.	https://wjpr.s3.ap-south-1.amazonaws.com/article_issue/1619775526.pdf
42	AadilYousif, Elharam Abdallah, Dalia Taj Alsir. Anait Balal. Measurement of Prothrombintime, Partial thromboplastin times and Fibrinogen level among women who using oral contraceptive pills and implanon in Khartoum – Sudan. <i>BIOSCIENCE RESEARCH</i> , 2021 18(3):2211-2218.	https://www.isisn.org/BR18(3)2021/2211-2218-18(3)2021BR20-58.pdf
43	Alghamdi, A., Algamdi, M., Alamri, S., Alshehri, M., Alatawi, I., Alzahrani, S., ... & Alali, N. (2021). Assessment of Saudi Arabian Nurses' Knowledge and Attitudes Toward Magnetic Resonance Imaging Safety. <i>Journal of Radiology Nursing (available online)</i>	https://www.sciencedirect.com/science/article/pii/S1546084320301978
44	Domantay, A., Algamdi, M., Alatawi,H., Alazmi,A., Albalawi,F., Albalawi, S., & Alghamdi, J..(2021). The Experiences of Patients Receiving Care from Nurse Interns: A Phenomenological Study. <i>African Journal of Health, Nursing and Midwifery</i> , Volume 1, Issue 1,	https://abjournals.org/ajhn/papers/volume-4/issue-1/the-experiences-of-patients-receiving-care-from-nurse-interns-a-phenomenological-study/
45	Gonzales, A., Alghamdi, M., Almotairi,W., Alatawi,M., Albalawi,A., Alfaifi,O., Alhoweti,A., & Alatwi,N. (2021). Community Awareness of the 2019 Coronavirus Disease (COVID-19) In Tabuk, Saudi Arabia. <i>African Journal of Health, Nursing and Midwifery</i> , Volume 4, Issue 2,	https://abjournals.org/ajhn/papers/volume-4/issue-2/community-awareness-of-the-2019-coronavirus-disease-covid-19-in-tabuk-saudi-arabia/
46	Alkhathami K, Alshehre Y, Wang-Price S, Brizzolara K. Reliability and Validity of the Functional Movement ScreenTM with a Modified Scoring System for Young Adults with Low Back Pain. <i>IJSPT.</i> 2021;16(3):620-627.	https://ijspt.scholasticahq.com/article/23427-reliability-and-validity-of-the-functional-movement-screen-with-a-modified-scoring-system-for-young-adults-with-low-back-pain
47	Alshehre Y, Alkhathami K, Brizzolara K, Weber M, Wang-Price S. Reliability and Validity of the Y-balance Test in Young Adults with Chronic Low Back Pain. <i>Int J Sports Phys Ther.</i> 2021 Jun 1;16(3):628-635.	https://pubmed.ncbi.nlm.nih.gov/34123515/
48	Alharbi AA, Johnson EG, Albalwi AA, Ambode OI, Cordett TK, Alshehri FH, Daher NS; DrPH. Correlation between anxiety and chronic motion sensitivity. <i>J Vestib Res.</i> 2021 Sep 2.	https://pubmed.ncbi.nlm.nih.gov/34486999/
49	The role of the physiotherapist in a pandemic situation: a covid-19 outbreak perspective Rawal Medical Journal 2021 46(2) 485-487	https://www.bibliomed.org/?mno=126814

50	Prevalence of neck pain and associated risk factors in the Dentists working in Lahore, Pakistan Rawal Medical Journal 2021 46(2) 364-367	https://www.bibliomed.org/?mno=92821
51	Seyed MA, Mohamed SHP. Low Back Pain: A Comprehensive Review on the Diagnosis, Treatment Options, and the Role of Other Contributing Factors. Open Access Maced J Med Sci [Internet]. 2021 Oct. 7 [cited 2021 Dec. 28];9(F):347-59.	https://oamjms.eu/index.php/mjms/article/view/6877