

CURRICULUM VITAE

Prof. Mohammad Khalid Parvez
Dept. of Pharmacognosy, College of Pharmacy
King Saud University, Riyadh, Saudi Arabia
Email: khaid_parvez@yahoo.cpm; mohkhalid@ksu.edu.sa
ORCID: 0000-0002-7154-9151; SCOPUS: 7103017901; WOS: AFL-9659-2022

ACADEMIC DEGREES

2005: PhD (Virology); Int. Centre for Genetic Engineering & Biotechnology, New Delhi, India.
1998: MS (Biotechnology; 75.3%); University of Calicut, Calicut, India.
1996: BS (Biosciences; 70.1%); Jamia Millia Islamia (JMI) Central University, New Delhi, India.

RESEARCH INTERESTS/ EXPERTISE

Hepatitis Virology and Liver Diseases
 Natural and Synthetic Anti-Viral/Microbial/Cancer Drugs
 Computational Drug Design/Molecular Docking

ALPER-DOGER SCIENTIFIC INDEX 2024 RANKING

Virology: King Saud University: #1; Saudi Arabia: #2; Asia: #29; World: #264 ([AD2024](#))

ELSEVIER-STANFORD UNIVERSITY 2022 RANKING

World Top 2%; King Saud University: #3 ([Elsevier2024](#))

GOOGLE SCHOLAR INDEX :

Citations: 2353; h-INDEX: 27 ([hINDEX](#))

POSITIONS

Professor (Dec. 2021-): Dept of Pharmacognosy, College of Pharmacy, KSU, Riyadh, Saudi Arabia.
Assoc. Professor (Mar. 2016-Nov. 2021): Dept of Pharmacognosy, College of Pharmacy, KSU, Riyadh.
Asst. Professor (Sep. 2010-Feb. 2016): Dept of Pharmacognosy, College of Pharmacy, KSU, Riyadh.
Research Associate (Dec. 2009-Jun. 2010): Institute of Human Virology, Baltimore, USA.
Fogarty International Scientist (Sep. 2006-Nov. 2009): National Institutes of Health, Bethesda, USA.
Welcome-Trust Postdoc Fellow (May 2005-Aug. 2006): Intl Centre Genetic Engg Biotech, Delhi, India.

RESEARCH GRANTS/PROJECTS

2024: Researchers Supporting Project (No. RSP2024R379), Distinguished Scientist Fellowship Program, King Saud University, Riyadh, Saudi Arabia.
2023: Researchers Supporting Project (No. RSP2023R379), Distinguished Scientist Fellowship Program, King Saud University, Riyadh, Saudi Arabia. [Accomplished].
2022: Researchers Supporting Project (No. RSP-2021/379), Distinguished Scientist Fellowship Program, King Saud University, Riyadh, Saudi Arabia. [Accomplished].
2014-21: Research Group Project (No. RG-1435-053), Deanship of Scientific Research, King Saud University, Riyadh, Saudi Arabia. [Accomplished].
2013-15: National Science, Technology & Innovation Plan (Grant No. 11-MED1585-02), KACST, Ministry of Higher Education, Saudi Arabia. [Accomplished].

2013-14: Research Group Project (No. RGP-VPP-212), Deanship of Scientific Research, King Saud University, Riyadh, Saudi Arabia. [Accomplished].

2011-13: National Science, Technology & Innovation Plan (Grant No. 08-MED565-02), KACST, Ministry of Higher Education, Saudi Arabia [Accomplished].

AWARDS/ HONORS

2023: Outstanding Assoc. Editor Award, Future Integrative Medicine, Xia & He Publishing, USA ([XH23](#)).

2022: Outstanding Assoc. Editor Award, Future Integrative Medicine, Xia & He Publishing, USA ([HX22](#)).

2015: Reviewers' Poster of Distinction- Viral Hepatitis Congress, Germany.

2014: Biography included in the 'Marquis Who's Who in the World' (32nd Edition), USA.

2013: Scientific International Travel Grant- Ministry of Higher Education, Saudi Arabia.

2013: Poster of Distinction- APASL International Liver Congress, Singapore.

2011: Young Scientist Travel Award- DICID International Conference, China.

2011: Scientific International Travel Grant- Ministry of Higher Education, Saudi Arabia.

2011: Presidential Award- APASL International Liver Congress, Thailand.

2006: Fogarty International Visiting Fellowship- NIAID/National Institutes of Health, USA.

2005: Postdoctoral Fellowship- Welcome Trust, UK & ICGB, India.

2002: Young Scientist Travel Award- APASL International Liver Congress, Taiwan.

2002: Overseas Scientific Travel Award- CSIR, Ministry of Science & Technology, India.

2000: NET-CSIR Research Fellowship, Ministry of Science & Technology, India.

1999: Bio-analytical Scientist Position- Offered by Indian Oil Corporation, Gov. of India.

1998: Research Fellowship- ICMR, Ministry of Health & Family Welfare, India.

1996: National Biotechnology Program Scholarship- DBT, Ministry of Science & Technology, India.

1996: Qualified the DBT-Gov. of India National Entrance Test for MS(Biotechnology) Program, India.

1990: Topped in Board Examination (Bihar State Education Board) at district level, India.

INVITED INTERNATIONAL SPEAKER

2020: Guest Speaker (Covid-Webinar), IFTM University, Moradabad, India (<http://youtu.be/Wtk-0BSgsrE>)

2020: Guest Speaker (Covid-Webinar), University of West Indies, Trinidad ([Speaker-UWI2020](#)).

2016: World Congress on Drug Discovery & Development, Bangalore, India.

2014: World Congress on Cancer Science & Therapy, Chicago, IL, USA.

2014: World Congress on Virology, OMICS Group, San Antonio, CA, USA.

2014: World Congress on Cell Science & Stem Cell Research, Valencia, Spain.

2013: World Congress on Virology, OMICS Group, Baltimore, MD, USA.

2013: World Congress of Virus and Infection (WCVI), Wuhan, China.

2011: University of Bonn Institute of Clinical Chemistry & Pharmacology, Bonn, Germany.

2010: Centre for DNA Fingerprinting & Diagnostics, Hyderabad, India.

NATIONAL & INTERNATIONAL CONFERENCES/ SEMINARS/WORKSHOPS

2023: Workshop: Develop. & Eval. of Physiol. Pharmacokinetic Models, KSU, Riyadh, Saudi Arabia.

2023: Webinar: Editage- Selecting a Journal & Preparing a Great Submission, KSU, Riyadh, Saudi Arabia.

2018: Workshop- Arab International Pharmacy Congress, Riyadh, Saudi Arabia.

2018: Workshop- Advances in Medical Education Technology, Riyadh, Saudi Arabia.

2020: Asian-Pacific Association of Study of Liver (APASL) Hepatology Webinar, Beijing, China.

2019: Annual MENA Pharmaceutical Manufacturing Congress, Riyadh, KSA.

2019: Oral- International Drug Discovery Science & Technology (IDDST) Congress, Kyoto, Japan.

2018: Oral- EuroGlobal Gastroenterology Congress, Rome, Italy.

2018: Oral- PCS Annual World Pathology Conference, Budapest, Hungary.

2017: Poster- Annual Meeting of the Society for Virology (AMSV), Marburg, Germany.

- 2017:** Oral- International Congress of Bacteriology and Applied Microbiology (IUMS), Singapore.
- 2016:** Poster- Asian Pacific Digestive Week (APDW), Kobe, Japan.
- 2016:** Poster- Annual Meeting of the Nordic Soc. Clin. Microbiol. Infect. Diseses, Rovaniemi, Finland.
- 2016:** Oral- Intl. Conference on Medicinal Plants and Natural Products (ICMPNP), San Francisco, USA.
- 2016:** Poster- Asian-Pacific Association of Study of Liver (APASL) Congress, Tokyo, Japan.
- 2015:** Oral- Protein Expressions in Animal Cells (PEACe) Conference, San Diego, USA.
- 2015:** Poster-Viral Hepatitis Congress, Frankfurt, Germany.
- 2015:** Poster- Intl. Congress on Pathogens at Human-Animal Interface (ICOPHAI), Chiang Mai, Thailand.
- 2015:** Poster- Intl. Symposium of Viral Hepatitis & Liver Diseases (ISVHLD), Berlin, Germany.
- 2015:** Oral-World Congress on Targeting Liver Disease, St. Julian's, Malta.
- 2015:** Oral-International Congress of Complementary Medicine Research (ICCMR), Jeju, S. Korea.
- 2015:** Poster-Congress of European Microbiologists (FEMS), Maastricht, Netherland.
- 2015:** Poster- European Association of Study of Liver (EASL) Congress, Vienna, Austria.
- 2015:** Poster- Viral Hepatitis Congress, Shanghai, China.
- 2015:** Oral- Asian-Pacific Association of Study of Liver (APASL) Congress, Istanbul, Turkey.
- 2015:** Poster-European Soc. of Clinic. Microbiol. & Infect. Dis. (ESCMID), Copenhagen, Denmark.
- 2014:** Oral- Cell Science & Stem Cell Research Congress, Valencia, Spain.
- 2014:** Poster- International Union of Microbiological Society Congress, Montreal, Canada.
- 2014:** Poster- European Association of Study of Liver (EASL) Congress, London, UK.
- 2014:** Poster- International Congress on Infectious Diseases (ICID), Cape Town, South Africa.
- 2013:** Poster- European Association of Study of Liver (EASL) Congress, Amsterdam, Netherlands.
- 2013:** Poster- Asian-Pacific Association of Study of Liver (APASL) Congress, Singapore.
- 2012:** Poster- ICGEB Workshop on RNA Viruses, Buenos Aries, Argentina.
- 2011:** Free Paper- Ditan International Conference on Infectious Diseases (DICID), Beijing, China.
- 2011:** Oral- European Association of Study of Liver (EASL) Congress, Berlin, Germany.
- 2011:** Oral- Asian-Pacific Association of Study of Liver (APASL) Congress, Bangkok, Thailand.
- 2009:** Poster- Intl. Symposium of Viral Hepatitis & Liver Diseases (ISVHLD), Washington-DC, USA.
- 2005:** Poster- Tata Memorial Symposium on Viral Hepatitis (TMSVH), Bangalore, India.
- 2002:** Oral- Asian-Pacific Association of Study of Liver (APASL) Congress, Taipei, Taiwan.
- 2002:** Poster- European Association of Study of Liver (EASL) Congress, Madrid, Spain.
- 2001:** Poster- Asian-Pacific Digestive Week (APDW) Meeting, Sydney, Australia.
- 2001:** Poster- Indian National Association of Study of Liver (INASL) Conference, Lucknow, India.
- 2001:** Poster- INASL & EASL Joint International Conference, Goa, India.
- 2000:** Poster- Indian National Association of Study of Liver (INASL) Conference, New Delhi, India.
- 1998:** Poster- Indian National Association of Study of Liver (INASL) Conference, New Delhi, India.

SCIENTIFIC SOCIETY/ORGANIZATION'S AFFILIATION

- Member**, Global Hepatitis E Platform ([GHEP-MKPARVEZ](#))
- Member**, European Society of Clinical Microbiology & Infectious Diseases (ESCMID)
- Member**, International Society of Infectious Diseases (ISID)
- Member**, European Association of Study of Liver (EASL)
- Member**, British Association of Study of Liver (BASL)
- Member**, American Society of Microbiology (ASM) [discontinued]
- Member**, American Association for Advancement of Science(AAAS) [discontinued]

RESERCH PROPOSAL/GRANT REVIEWING COMMITTEE

Distinguished Scientific Committee Member, Research, Development and Innovation Authority (RDIA) Grant 2023, Saudi Arabia.

Invited Committee Member, Croatian Science Foundation-Call for Proposals 2015, Croatia

JOURNAL EDITOR/REVIEWER

https://publons.com/dashboard/records/review/?utm_campaign=notifications_summary&utm_source=publons&utm_medium=email

Assoc. Editor: Future Integrative Medicine

Editor: World Journal of Hepatology; Journal of Gastroenterology & Hepatology Research; Asian Pacific Journal of Tropical Biomedicine; Journal of Liver and Clinical Research

Ex-Editor: National Institutes of Health (USA) Fellows Editorial Board

Reviewer: Scientific Reports; PLOS One; PLOS Neglected Diseases; Future Microbiology; Journal of Clinical Virology; Journal of Virology & Antiviral Research; Journal of Medical Virology; Infection, Genetics and Evolution; Virus Research; World Journal of Gastroenterology; Natural Products Research; BMC Complementary and Alternative Medicine; Topics in Medicinal Chemistry; Journal of Food Biochemistry

INTERNATIONAL CONFERENCES/MEETINGS CO-ORGANIZED

International Committee Member- 19th International Conference on Viral and Subunit Vaccines (ICVSV 2017), Durban, SA.

International Committee Member- 18th International Conference on Viral Hepatitis, (ICVH 2016), London, UK.

International Committee Member- XIII International Conference on Virology and Infectious Diseases (ICVID 2015), London, UK.

International Committee Member- XII International Conference on Virology and Infectious Diseases (ICVID 2014), Bangkok, Thailand.

Organizing Committee Member- 5th World Congress on Bioavailability and Bioequivalence: Pharmaceutical R&D Summit (BABE 2014), Baltimore, USA.

International Committee Member- 16th International Conference on Viral Hepatitis (ICVH 2014), London, UK.

SUPERVISION OF UNDERGRAD/GRAD STUDENTS

Supervisor of Doctoral Thesis (2012-2016): Student-Ahmed H. Arbab, Dept. of Pharmacognosy, College of pharmacy, King Saud University, Riyadh (winner of ‘Golden Feather Award’ for the best thesis work in the Saudi Inter-University Graduate Research Competition 2015).

Co-Supervisor of Master’s Thesis (2020-2022): Student- Abdulaziz M. Alqahtani, Dept. of Pharmacognosy, College of pharmacy, King Saud University, Riyadh.

Co-Supervisor of Doctoral Thesis (2022-): Student- Sakina Niyazi, School of Biotechnology, IFTM University, Mordabad, India.

EXTERNAL/OVERSEAS EXAMINER

Doctoral Thesis (2022): Monika Sharma, PhD student; Dept. of Zoology, Aligarh Muslim University, Aligarh, India.

Doctoral Thesis (2023): Preeti Hooda, PhD student; Dept. of Life Sciences, Shiv Nadar University, Greater Noida, India.

PUBLICATIONS (*Corresponding author): [RESEARCHGATE](#); [PUBMED](#); [GOOGLESCHOLAR](#)**2023:**

1. Zahiri I, Alla F, Alzain MN, Alhalmi A, Noman O, **Parvez MK**, Elhoumaizi MA. Effect of period of receptivity and air temperature on parthenocarpic phenomenon of 'Assiane' date palm cultivar (*Phoenix dactylifera* L.). *Frontiers in Sustainable Food System*. 2023; 7:1326141.
2. Kumar A, Hooda P, Puri A, Khatter R, Al-Dosari MS, Sinha N, **Parvez MK***, Sehgal D. Methotrexate, an anti-inflammatory drug, inhibits hepatitis E viral replication. *Journal of Enzyme Inhibition and Medicinal Chemistry* 2023. 38:2280500.
3. Alanzi AR, **Parvez MK***, Al-Dosari MS. In silico identification of deep-sea fungal alkaloids as potential inhibitors of SARS-CoV-2, Delta and Omicron spikes. *Future Virology* 2023; 18:933.
4. Hooda P, Al-Dosari MS, Sinha N, **Parvez MK***, Sehgal D. Inhibition of HEV replication by FDA-approved RdRp inhibitors. *ACS Omega* 2023; 8:41570.
5. Alanzi AR, **Parvez MK***, Alqahtani MJ, Al-Dosari MS. Deep-sea fungal metabolites as potential inhibitors of glucose-regulatory enzymes: in silico structure-activity analysis. *Saudi Pharmaceutical Journal* 2023; 31:101776.
6. Farihi A, Bouhrim M, Chigr F, Elbouzidi A, Bencheikh N, Zrouri H, Nasr FA, **Parvez MK**, Alahdab A, Ahami AOT. Exploring Medicinal Herbs' Therapeutic Potential and Molecular Docking Analysis for Compounds as Potential Inhibitors of Human Acetylcholinesterase in Alzheimer's Disease Treatment. *Medicina* 2023; 59:1812.
7. El Hassania L, Ouahabi S, Elbouzidi A, Mohamed T, Meryem IY, Abdeslam A, Abdellah A, Saleh A, Al Kamaly O, **Parvez MK**, El Guerrouj B, Rachid T, Mohammed R. Phytochemical Composition and Pharmacological Activities of Three Essential Oils Collected from Eastern Morocco (*Origanum compactum*, *Salvia officinalis*, and *Syzygium aromaticum*): A Comparative Study. *Plants* 2023; 12:3376.
8. Devidas TB, Patil S, Sharma M, Ali N, **Parvez MK**, Al-Dosari MS, Liu S, Inbaraj BS, Bains A, Wen F. Green extraction of *Milletia pinnata* oil for the development, and characterization of pectin crosslinked carboxymethyl cellulose/guar gum herbal nano-hydrogel. *Frontiers in Chemistry* 2023; 11:1260165
9. Chafai W, Haddioui K, Serghini-Caid H, Labazi H, AlZain MN, Noman O, **Parvez MK**, Addi M, Khalid A. Impact of Arbuscular Mycorrhizal Fungal Strains Isolated from Soil on the Growth, Yield, and Fruit Quality of Tomato Plants under Different Fertilization Regimens. *Horticultutrae* 2023; 9:973.
10. Radi FZ, Bencheikh N, Bouhrim M, Saleh A, Alkamaly O, **Parvez MK**, Elbouzidi A, Bnouham M, Elbouzidi A, Zair T. Phytochemical Analysis, Antioxidant, and Antihyperglycemic Activities of *Crataegus monogyna* Jacq Aqueous Extract. *Natural Product Communications* 2023; 18:1-15.
11. Aouji M, Imtara H, Rkhaila A, Bouhaddioui B, Alahdab A, **Parvez MK**, Alzahrani MS, Lrhorf LAi, Bengueddour R. Nutritional composition, fatty acids profile, mineral content, antioxidant activity and acute toxicity of the flesh of *Helix aspesra* Müller. *Molecules* 2023; 28:6323.
12. Sharma JB, Bhatt S, Tiwari A, Tiwari V, Kumar M, Verma R, Kaushik D, Virmani T, Kumar G, Alkamaly O, Saleh A, **Parvez MK**, Alhalmi A. Statistical optimization of tetrahydrocurcumin loaded solid lipid nanoparticles using Box Behnken design in the management of streptozotocin-induced diabetes mellitus. *Saudi Pharmaceutical Journal* 2023; 31:101727.
13. Bhattacharya R, Saini S, Ghosh S, Roy P, Ali N, **Parvez MK**, Al-Dosari MS, Mishra AK, Singh LR. Organosulfurs, S-allyl cysteine and N-acetyl cysteine sequester di-carbonyls and reduces carbonyl stress in HT22 cells. *Scientific Reports* 2023; 13:13071.
14. Alqahtani AS, **Parvez MK**, Alqahtani AM, Fantoukh OI, Herqash RN, Elzayat EM, Nasr FA, Ezzeldin E. Almousallam MM, Raish M. Effects of *Catha edulis* (Khat) on the pharmacokinetics of metformin in diabetic rats using UPLC/MS/MS analysis and its impact on hepatic CYP450 enzymes. *Separations* 2023, 10:442.
15. Ahmed S, **Parvez MK***, Al-Dosari MS, Abdelwahid MAS, Alhowiriny TA, Al-Rehaily AJ. Novel anti-hepatitis B virus flavonoids sakuranetin and velutin from *Rhus retinorrhoea*. *Molecular Medicine Reports* 2023; 28:176.
16. AJawhari FZ, Imtara H, Radouane N, El Moussaoui A, Es-Safi I, Amaghnouje A, N AlZain M, Noman O, **Parvez MK**, Bousta D, Bari A. Phytochemical, Morphological and Genetic

- Characterisation of *Anacyclus pyrethrum* var. *depressus* (Ball.) Maire and *Anacyclus pyrethrum* var. *pyrethrum* (L.) Link. *Molecules* 2023; 28:5378.
17. Alanzi AR, **Parvez MK***, Al-Dosari MS. Structure-based virtual identification of natural inhibitors of SARS-CoV-2 and its Delta and Omicron variant proteins. *Future Virology*; 2023. 18:421.
 18. Singh H, Jori C, Bharati S, Mahajan SD, Aalinkeel R, Kaliyappan K, Schwartz S, Bhattacharya M, Shaikh R, Salve M, Deshmukh J, Ali N, **Parvez MK**. Comparative analysis of MTP-493G/T. ABCG2 34G/A polymorphism, its expression in HIV associated lipodystrophy patients. *Frontiers in cardiovascular Medicine* 2023; doi: 10.3389/fcvm.2023.1177054.
 19. **Parvez MK***, Alhowiriny TA, Al-Dosari MS, Amina M, Rehman MT, Al-Yousef HM, Alanzi AR, Alajmi MF. Inhibition of hepatitis B virus activities by *Rhazya stricta* derived acacetin and acetyl- β -carboline. *Experimental and Therapeutic Medicine*, 2023; 26:327.
 20. Fayed MAA, Al-Wahaibi LH, Bakr RO, Nour MS, Basudan OA, **Parvez MK**, Al-Dosari MS, Abdel-Mageed WM. Sterols from *Centaurea pumilio* L. with cell proliferative activity: In vitro and in silico studies. *Open Chemistry* 2023; 21: 20220316.
 21. Singh H, Dhorea K, Shyamveer, Namdev G, Mahajan SD, **Parvez MK**, Al-Dosari MS. Role of *APOC3* 3238C/G polymorphism in HIV-associated neurocognitive Disorder. *Microbial Pathogenesis* 2023; 179: 106107
 22. Jawhari FZ, Imtara H, El Moussaoui A, Khalis H, Es-safi I, Saleh A, Al kamaly O, **Parvez MK**, Bari A. Effects of Pre-Treatments and Conservation Conditions on Seed Viability and Germination of Two Varieties of an Endangered Species *Anacyclus pyrethrum* (L.) Link (Asteraceae). *Horticulturae* 2023; 9:472.
 23. Shafat Z, Ahmed A, **Parvez MK**, Parveen S. Intrinsic disorder in the open reading frame-2 of hepatitis E virus: a protein with multiple functions beyond viral capsid. *Journal of Genetic Engineering & Biotechnology*. 2023; 21:33.
 24. **Parvez MK***, **Ahmed S**. Phytosynthesized nanoparticles against viral diseases: current updates. *Future Integrative Medicine*. 2023; 2:32-35.
 25. Er-rajy M, El fadili M, Imtara H, Saeed A, Ur Rehman A, Zarougui S, Abdullah SA, Alahdab A, **Parvez MK**, Elhallaoui M. 3D-QSAR Studies, Molecular Docking, Molecular Dynamic Simulation, and ADMET Proprieties of Novel Pteridinone Derivatives as PLK1 Inhibitors for the Treatment of Prostate Cancer. *Life*. 2023; 13:127.

2022:

26. Shafat Z, Ahmed A, **Parvez MK**, Islam A, Parveen S. Intrinsically disordered regions in the rodent hepevirus proteome. *Bioinformation*. 2022;18:111-118.
27. Al-Rimawi F, Imtara H, Khalid M, Salah Z, **Parvez MK**, Saleh A, Al kamaly O, Shawki Dahu C. Assessment of Antimicrobial, anticancer, and Antioxidant Activity of *Verthimia iphionoides* Plant Extract. *Processes* 2022; 10:2375.
28. Rached S, Imatara H, Habsaoui A, Mzioud K, Haida S, Saleh A, Al kamaly O, Alahdab A, **Parvez MK**, Ourras S, El Farath S. Characterization, Chemical Compounds and Biological Activities of *Marrubium vulgare* L. Essential Oil. *Processes(Basel)* 2022; 10:2110.
29. Agour A, Mssillou I, Es-safi I, Conte R, Mechchate H, Slighoua M, Amrati FE-Z, **Parvez MK**, Numan O, Bari A, Lyoussi B, Derwich E. The Antioxidant, Analgesic, Anti-Inflammatory, and Wound Healing Activities of *Haplophyllum tuberculatum* (Forsskal) A. Juss Aqueous and Ethanolic Extract. *Life*. 2022; 12(10):1553.
30. **Parvez MK***, Al-Dosari MS, Basudan OA, Herqash RN. The anti-hepatitis B virus activity of sea buckthorn is attributed to quercetin, kaempferol and isorhamnetin. *Biomedical Reports* 2022; 17: 89.
31. Jawhari FZ, Imtara H, El Moussaoui A, Khalis H, Es-Safi I, Al Kamaly O, Saleh A, **Parvez MK**, Guemmouh R, Bari A. Reproductive Biology of the Two Varieties of *Anacyclus pyrethrum* L.-*Anacyclus pyrethrum* var. *pyrethrum* (L.) Link and *Anacyclus pyrethrum* var. *depressus* (Ball.) Maire-An Endemic Endangered Species. *Plants (Basel)*. 2022; 11:2299.
32. Hooda P, Chaudhary M, **Parvez MK***, Sinha N, Sehgal D. Inhibition of hepatitis E virus replication by novel inhibitor targeting methyltransferase. *Viruses (Basel)*. 2022; 14:1778.

33. El Oumari FE, Bousta D, Imtara H, Lahrichi A, Elhabbani R, Elmouhri G, Al kamaly OM, Saleh A, **Parvez MK**, Grafov A, Houssaini TS. Chemical composition and anti-urolithiatic activity of extracts from *Argania spinosa* (L.) Skeels press-cake and *Acacia senegal* (L.) Willd. *Molecules (Basel)*. 2022; 27:3973.
34. ElYacoubi H, Mouhssine F, Imtara H, Ouallal I, Ech-cheddadi S, Koutoua A, Lagzouli M, Alotaibi BS, Al kamaly O, **Parvez MK**, Rochdi A. Insight into membrane stability and physiological responses of selected salt-tolerant and salt-sensitive cell lines of Troyer Citrange (*C. sinensis* [L.] x *C. trifoliata* [L.] Raf.) under Salt Stress. *Sustainability (Basel)*. 2022; 14, 9583.
35. Ahmed S, **Parvez MK***, Zia K, Nur-e-Alam M, Ul-Haq Z, Al-Dosari MS, Al-Rehaily AJ. Natural anti-hepatitis B virus flavones isolated from *Stachys schimperii* Vatke growing in Saudi Arabia. *Pharmacognosy Magazine*. 2022; 18:386-392.
36. Tarfaoui K, Brhadda N, Ziri R, Oubihi A, Imtara H, Haida S, Al kamaly OM, Saleh A, **Parvez MK**, Fettach S, Ouhssine M. Chemical Profile, Antibacterial and antioxidant potential of *Zingiber officinale* Roscoe and *Elettaria cardamomum* (L.) Maton essential oils and extracts. *Plants (Basel)*. 2022; 11:1487.
37. Ahmed S, Parvez T, **Parvez MK***. Dietary or nutritional supplements associated adverse effects and toxicity. *Nutrition & Food Sciences*. 2022; 1:202203002.
38. **Parvez MK***, Al-Dosari MS, Parveen S. Wastewater-based epidemiological surveillance for SARS-CoV-2. *Journal of Virology & Viral Diseases Therapy*. 2022; 1:1-7.
39. Shafat Z, Ahmed A, **Parvez MK**, Parveen S. Analysis of codon usage patterns in open reading frame 4 of hepatitis E viruses. *Beni-Suef University Journal of Basic & Applied Sciences*. 2022; 11:65.
40. **Parvez MK***. Current issues in hepatitis E: an overview. *Gastroenterology Hepatology and Digestive System*. 2022; 1:1-3.
41. **Parvez MK***, Al-dosari MS, Abdelwahid MAS, Alqahtani AS, Alanzi AR. Novel anti-hepatitis B virus-active catechin and epicatechin from *Rhus tripartita*. *Experimental and Therapeutic Medicine*. 2022; 23:398.
42. **Parvez MK***, Parveen S. Airborne transmission of SARS-CoV-2 disease (COVID-19). *Future Virol*. 2022; 17:261-264.
43. Kumar A, Ahmed T, **Parvez MK***, Banerjee BD, Maqusood M, Jagirdar RM. Glutathione-S transferase gene polymorphism and asthma: a case-control study in a pediatric population. *Pharmacogenomics*. 2022; 23:405-413.
44. **Parvez MK***, Al-Dosari MS, Singh GP. Machine learning-based predictive models for identifying high active compounds against HIV-1 integrase. *SAR and QSAR in Environmental Research*. 2022; 33:387-402.
45. **Parvez MK***, Al-Dosari MS, Rehman MT, Al-Rehaily AJ, Alqahtani AS, Alajmi MF. The anti-hepatitis B virus and anti-hepatotoxic efficacies of solanopubamine, a rare alkaloid from *Solanum schimperianum*. *Saudi Pharmaceutical Journal*. 2022; 30:359-368.
46. AlKamaly O, Saleh A, AlSfouk A, Alanazi AS, **Parvez MK**, Ousaaïd D, Assouguem A, Mechchate H, Bouhrim M. *Cedrus atlantica* (Endl.) Manetti ex Carrière essential oil alleviates pain and inflammation with no toxicity in rodent. *Processes (Basel)*. 2022; 10:581.
47. **Parvez MK***, Ahmed S, Niyazi S. Herb-synthesized antiviral nanoparticles. *Advance in Biological Research*. 2022; 3:8-10.
48. Khan M, Nagal V, Masrat S, Tuba T, Tripathy N, **Parvez MK**, Al-Dosari MS, Khosla A, Furukawa H, Hafiz AK, Ahmad R. Wide-linear range cholesterol detection using Fe₂O₃ nanoparticles decorated ZnO nanorods based electrolyte-gated transistor. *Journal of The Electrochemical Society*. 2022; 169:027512.
49. **Parvez MK***, Anjum N. Liver diseases and adverse reactions induced by medicinal herbs and herb-drug interactions. *Gastroenterology & Hepatology Letters*. 2022; 4): 25-29.
50. Shafat Z, Ahmed A, **Parvez MK**, Parveen S. Decoding the codon usage patterns in Y-domain region of hepatitis E viruses. *Journal of Genetic Engineering & Biotechnology*. 2022; 20:56.
51. Shafat Z, Ahmed A, **Parvez MK**, Parveen S. Sequence to structural analysis of ORF5 protein in Norway rat Hepatitis E Virus. *Bioinformatics*. 2022; 18:19-25.
52. Shafat Z, Ahmed A, **Parvez MK**, Islam A, Parveen S. The dark proteome of rodent hepatitis E virus: Analysis of intrinsically disordered regions. *Archives of Hepatitis Research*. 2022; 8:5-11.

53. Shafat Z, Ahmed A, **Parvez MK**, Parveen S. Decoding the characteristics of ORF6 encoded protein of Norway rat Hepatitis E Virus using bioinformatics approach. *Network Biology*. 2022; 12:11-25.
54. Aati HY, Perveen S, Al-Qahtani J, Peng J, Al-Taweel A, Alqahtani AS, ElGamal A, Chianese G, Nasr FA, Taglialatela-Scafati O, **Parvez MK**. Euphocactoside, a New Megastigmane Glycoside from *Euphorbia cactus* Growing in Saudi Arabia. *Plants (Basel)*. 2022; 11:811.
55. Mothana RA, Arbab AH, ElGamal AA, **Parvez MK**, Al-Dosari MS. Isolation and haracterization of two chalcone derivatives with anti-hepatitis B virus activity from the endemic Socotraen *Dracaena cinnabari* (Dragon's blood tree). *Molecules*. 2022; 27:952.
56. **Parvez MK***, Al-Dosari MS, Ahmed S, Noman OM, Al-Rehaily AJ, Nur-e-Alam M. The anti-oxidative, anti-cell proliferative and anti-microbial efficacies of cold-adapted *Crepis flexuosa*: HPTLC and GC/MS analyses. *Saudi Journal of Biological sciences*. 2022; 29:3062-68.
57. **Parvez MK***, Wasi S. Viral hepatitis: A to E and beyond. *Japanese Journal of Gastroenterology Research*. 2022; 2:105-108.
58. Naz S, Ashraf S, **Parvez MK**, Al-Dosari MS, Ul-Haque Z. Structure and ligand-based drug discovery of IL-4 inhibitors via interaction-energy-based learning approaches. *Journal of Biomolecular Structure & Dynamics*. 2022; 40:6503-6521.

2021:

59. **Parvez MK***. Water contamination of SARS-CoV-2: Risks and preventions. *Frontiers in Infectious Diseases & Microbiology*. 2021; 1:105-108.
60. **Parvez MK***, Ahmed S, Al-Dosari MS, Abdelwahid MAS, Arbab AH, Al-Rehaily AJ, Al-Oqail, MM. The novel anti-hepatitis B virus activity of *Euphorbia schimperi* and its quercetin and kaempferol derivatives. *ACS Omega* 2021; 6:2900-19110.
61. **Parvez MK***, Al-Dosari MS, Rehman MT, Alajmi MF, Alqahtani AS, AlSaid MS. New terpenic and phenolic compounds from *Suaeda monoica* reverse oxidative and apoptotic damages in human endothelial cells. *Saudi Pharmaceutical Journal*. 2021. 29:1102-11011.
62. Shafat Z, Hamza A, Deeba F, **Parvez MK**, Parveen S. Molecular insights into the Y-domain of hepatitis E virus using computational analyses. *Beni-Suef University Journal of Basic & Applied Sciences*. 2021; 10:76.
63. Shafat Z, **Parvez MK**, Parveen S. Factors contributing to genetic variability in the Y-domain of HEV. *Indian Journal of Health Sciences and Care*. 2021; 8:69-80.
64. Shafat Z, Rizvi SAR, Ahmed A, **Parvez MK**, Parveen S. Analysis of compositional biasness in the Y-domain of hepatitis E virus. *Indian Journal of Health Sciences and Care*. 2021; 8:80-94.
65. Shafat Z, Tazeen A, Ahmed M, **Parvez MK**, Parveen S. Role of “dual-personality” fragments in HEV adaptation—analysis of Y-domain region. *Journal of Genetic Engineering & Biotechnology*. 2021; 19-154.
66. Shafat Z, Ahmed A, **Parvez MK**, Parveen S. Shedding light on the dark proteome of Hepatitis E Virus. *Network Biology*. 2021; 11:295-314.
67. Shafat Z, Ahmed A, **Parvez MK**, Parveen S. Understanding Hepatitis E Viruses by exploring the structural and functional properties of ORF4. *Network Biology*. 2021; 11:277-294.
68. Shafat Z, Ahmed A, **Parvez MK**, Parveen S. Sequence to structure analysis of the ORF4 protein from Hepatitis E virus. *Bioinformation*. 2021; 17:818-828.
69. Shafat Z, Ahmed A, **Parvez MK**, Parveen S. Role of ORF4 in Hepatitis E Virus regulation: Analysis of intrinsically disordered regions. *Journal of Proteins and Proteomics*. 2021; 12:289-306.
70. Shafat Z, Hamza A, Islam A, Al-Dosari MS, **Parvez MK***, Parveen S. Structural exploration of Y-domain reveals its essentiality in HEV pathogenesis. *Protein Expression & Purification*. 2021. 87:105947.
71. **Parvez MK***. An insight into coronavirus disease 2019 in patients with pre-existing viral hepatitis. *Gastroenterology and Hepatology Letters*. 2021; 3:17-19.
72. Al-Nour MH, Arbab AH, **Parvez MK**, Mohamed AY, Al-Dosari MS. In-vitro cytotoxicity and in-silico insights of the multi-target anticancer candidates from *Haplophyllum tuberculatum*. *Borneo Journal of Pharmacy* 2021; 4:192-201.

73. **Parvez MK***. Waterborne enteric coronaviruses and the SARS-CoV-2 disease. *Journal of Gastroenterology & Hepatology Research*. 2021; 10:3466-3469.
74. Al-Nasser MM, Al-Dosari MS, **Parvez MK**, Al-Anazi MR, Alkahtane AA, Alotheid H, Alahmari A, Alarifi S, Albasher G, Almeer R, Alqahtani MD, Al-Johani NS, Alhoshani NM, Alkeraishan N, Alhenaky A, Alkahtani S, Al-Qahtani AA. The potential effects of *Indigofera coerulea* extract on THP-1 human cell line. *Journal of King Saud University-Science*. 2021; 33:101446.
75. Padan K, Parvez **MK***, Al-Dosari MS. Comparative sequence analysis of SARS-CoV-2 suggests its high transmissibility and pathogenicity. *Future Virology* 2021; 16:245-254.
76. **Parvez MK***, Niyazi S. The genomic and structural organization of SARS-CoV-2: a mutational perspective. *SciMedicine Journal* 2021; 3:59-65.
77. **Parvez MK***, Kazim SN. The extrahepatic manifestations of hepatitis E virus: a peek behind the liver. *Journal of Gastroenterology & Hepatology Research*. 2021; 10:3407-3410.
78. **Parvez MK***, Padan K. Current advances in novel SARS-CoV-2 disease treatment and intervention strategies. *Coronaviruses*. 2021; 2:1-6.

2019-2020:

79. Mothana RA, Arbab AH, **Parvez MK**, Al-Dosari MS. Assessment of anti-hepatitis B virus activity of endemic medicinal plants from Socotra Island. *African Journal of Pharmacy and Pharmacology*. 2020; 14:294-299.
80. **Parvez MK***. The geometric architecture of viruses. *World Journal of Virology*. 2020; 9:5-18.
81. **Parvez MK***. Gut feeling: The plausible faecal-oral transmission route of Covid-19. *Journal of Infectious Disease and Epidemiology*. 2020; 6:141-143.
82. **Parvez MK***, Jagirdar RM, Purty RS, Venkata SKS, Agrawal V, Kumar J, Tiwari N. COVID-19 pandemic: understanding the emergence, pathogenesis and containment. *World Academy of Sciences Journal*. 2020; 2:18.
83. **Parvez MK***. Gastrointestinal and hepatobiliary manifestations of COVID-19: potential implications for healthcare resource-deficient countries. *Gastroenterology and Hepatology Letters*. 2020; 2:7-11.
84. **Parvez MK***. COVID-19 and coronaviral hepatitis: evidence of collateral damage. *Future Virology*. 2020; 6:325-329.
85. **Parvez MK***, Mechkarska M. Currently available anti-hepatitis viruses drugs. *Journal of Gastroenterology & Hepatology Research*. 2020; 9:1-3.
86. **Parvez MK***, Al-Dosari MS, Ahmed S, Rehman MT, Al-Rehaily AJ, Alajmi MF. Oncoglabrinol C, a new flavan from *Oncocalyx glabratus* protects human endothelial cells against oxidative and apoptotic damages and modulated hepatic CYP3A4 activity. *Saudi Pharmaceutical Journal*. 2020; 28:648-656.
87. Abdel-Mageed WM, Fayed MAA, Al-Saleem MSM, Al-Wahaibi LH, **Parvez MK**, Li L, Al-Dosari MS, Sayed HM. Novel polycyclic pyrroloquinazoline alkaloids from *Anisotes trisulcus* and their biological activity. *Journal of Asian Natural Products Research*. 2020; 2:1159-1167 [IF 1.3].
88. **Parvez MK***, Basudan OA, Noman OM, Al-Dosari MS, Alqasoumi SI. The first bioactivity studies on *Acantholimon lycopodioides* from high altitude Karakoram-Himalayan desert. *Saudi Journal of Biological Sciences*. 2020; 27:2514-2520.
89. **Parvez MK***, Al-Dosari MS, Arbab AH, Al-Rehaily AJ, Mazin A. S. Abdelwahid. Bioassay-guided isolation of a new anti-hepatitis B virus flavonoid myricetin-3-rhamnoside along with quercetin from *Guiera senegalensis* leaves. *Saudi Pharmaceutical Journal*. 2020; 5:550-559.
90. Siddiqui NA, Mothana RA, Al-Said MS, **Parvez MK**, Alam P, Rehman MT, Ali M, Alajmi MF, Al-Dosari MS, Al-Rehaily AJ, Khalid JM. Cell proliferation activity delineated by molecular docking of four new compounds isolated from *Suaeda monoica* Forssk. ex. J.F. Gmel aerial parts. *Saudi Pharmaceutical Journal*. 2020; 28:172-186.
91. **Parvez MK***, Al-Dosari MS, Alam P, Rehman MT, Alajmi MF. The anti-hepatitis B virus therapeutic potential of anthraquinones derived from *Aloe vera*. *Phytotherapy Research*. 2019; 33:1960-1970.
92. **Parvez MK***. The hepatitis E virus RNA regulatory elements. *Future Virology*. 2019; 14:448-448.

93. **Parvez MK***, Al-Dosari MS, Arbab AH, Alam P, Alsaid MS, Khan AA. Hepatoprotective efficacy of *Solanum surattense* extract against chemical-induced oxidative and apoptotic injury in rats. *BMC Complementary & Alternative Medicine*. 2019; 19:154 -162.
94. **Parvez MK***. The hepatopathogenesis of hepatitis E virus genotype 3. *Journal of Gastroenterology & Hepatology Research*. 2019; 8:1-3.
95. **Parvez MK***, Rishi V. Herb-Drug Interactions and Hepatotoxicity. *Current Drug Metabolism*. 2019; 20:275-282.
96. Alqahtani AS, Abdel-mageed WM, Shahat AA, **Parvez MK**, Al-Dosari MS, Malik A, Abdel-Kader MS, Alsaid MS. Proanthocyanidins from the stem bark of *Rhus tripartita* and their amelioration of methylglyoxal-induced apoptosis of endothelial cells. *Journal of Food and Drug Analysis*. 2019; 27:358-365.
97. **Parvez MK***, Al-Dosari MS, Arbab AH, Niyazi S. The *in vitro* and *in vivo* anti-hepatotoxic, anti-hepatitis B virus and hepatic CYP450 modulating potential of *Cyperus rotundus*. *Saudi Pharmaceutical Journal* 2019; 27:558-564.
98. **Parvez MK***, Rehman MT, Alam P, Al-Dosari MS, Alqasoumi SI, Alajmi MF. Plant-derived antiviral drugs as novel hepatitis B virus inhibitors: cell culture and molecular docking study. *Saudi Pharmaceutical Journal*. 2019; 27:389-400.

2017-2018:

99. **Parvez MK***. Hepatitis E and pregnancy. *Journal of Gastroenterology & Hepatology Research*. 2018; 7:2734-2735.
100. Al-Dosari MS, **Parvez MK***. Novel plant inducers of PXR-dependent cytochrome P450 3A4 expression in HepG2 cells. *Saudi Pharmaceutical Journal*. 2018; 26:1069-1072.
101. **Parvez MK***, Subbarao S. Molecular analysis and modelling of hepatitis E virus helicase, and identification of novel inhibitors by virtual screening. *BioMed Research International*. 2018; 2018:5753804.
102. Alajmi MF, Alam P, Rehman MT, Husain FM, Khan AA, Siddiqui NA, Hussain A, Kalam MA, **Parvez MK**. Interspecies anticancer and antimicrobial activities of genus *Solanum* and estimation of rutin by validated UPLC-PDA method. *Evidence-Based Complementary & Alternative Medicine*. 2018; 2018:6040815.
103. **Parvez MK***, Alam P, Arbab AH, Al-Dosari MS, Alqasoumi SI, Al-Howirini TA. Analysis of antioxidative and antiviral biomarkers β -amyrin, β -sitosterol, lupeol and ursolic acid in *Guiera sengalensis* leaves extract by validated HPTLC methods. *Saudi Pharmaceutical Journal*. 2018; 26:685-693.
104. **Parvez MK***. Natural or plant products for the treatment of neurological disorders: current knowledge. *Current Drug Metabolism*. 2018; 19:424-428.
105. **Parvez MK***, Arbab AH, Al-Dosari MS, Al-Rehaily AJ, Alam P, Ibrahim KE, AlSaid MS, Rafatullah S. Protective effect of *Atriplex suberecta* extract against oxidative and apoptotic hepatotoxicity. *Experimental and Therapeutic Medicine*. 2018; 15:3883-3891.
106. Amina M, Alam P, **Parvez MK***, Al-Musayeb NM, Al-Hwaity SA, Al-Rashidi NS, Al-Dosari MS. Isolation and validated HPTLC analysis of four cytotoxic compounds, including a new sesquiterpene from aerial parts of *Plectranthus cylindraceus*. *Natural Products research*. 2018; 32:804-809.
107. AlSaid MS, Siddiqui NA, Mukhair MA, **Parvez MK**, Alam P, Ali M, Haque A. A novel monocyclic triterpenoid and a norsesquaterpenol from the aerial parts of *Suaeda monoica* Forssk. ex J. F. Gmel with cell proliferative potential. *Saudi Pharmaceutical Journal*. 2017; 25:1005-1010.
108. **Parvez MK***. The Hepatitis E virus nonstructural polyprotein. *Future Microbiology*. 2017; 12:915-924.
109. Arbab AH, **Parvez MK***, Al-Dosari MS, Al-Rehaily AJ. *In vitro* evaluation of novel antiviral activities of 60 medicinal plants extract against hepatitis B virus. *Experimental and Therapeutic Medicine*. 2017; 14:626-634.
110. **Parvez MK***, Parveen S. Evolution and emergence of pathogenic viruses: Past, Present, and Future. *Intervirology*. 2017; 60:1-7.

111. Alam P, Alajmi MF, Arbab AH, **Parvez MK**, Siddiqui NA, Alqasoumi SI, Al-Rehaily AJ, Al-Dosari MS, Basudan OA. Comparative study of antioxidant activity and validated RP-HPTLC analysis of rutin in the leaves of different *Acacia* species grown in Saudi Arabia. *Saudi Pharmaceutical Journal*. 2017; 25:715-723.
112. Ahmed S, Al-Rehaily AJ, Ahmad MS, Yousaf M, Alam MN, **Parvez MK**, Al-Dosari MS, Noman OM, Khan SI, Khan IA. Chemical constituents from *Oncocalyx glabratus* and their bioactivities. *Phytochemistry Letter*. 2017; 20: 128-132.
113. Al-Rehaily AJ, Ahmad MS, Yousaf M, Ahmed S, Alam MN, Al-Dosari MS, **Parvez MK**. Chemical constituents of *Cleome rupicola* growing in Saudi Arabia. *Chemistry of Natural Compounds*. 2017; 54:571-574.
114. Alam P, **Parvez MK**, Arbab AH, Siddiqui NA, Al-Dosari MS, Al-Rehaily AJ, Ahmed S, Kalam MA, Ahmad MS. Inter-species comparative antioxidant assay and HPTLC analysis of sakuranetin in the chloroform and ethanol extracts of aerial parts of *Rhus retinorrhoea* and *Rhus tripartite*. *Pharmaceutical Biology*. 2017; 55:1450-1457.
115. **Parvez MK***. Hepatitis E vaccine: time to let the cat out. *Journal of Gastroenterology & Hepatology Research*. 2017; 6:2384-2385.
116. Alkharfy KM, Jan BL, Afzal S, Al-Jenoobi FI, Al-MohizeaAM, Al-Muhsen S, Halwani R, Al-Dosari MS, **Parvez MK**. Prevalence of UDP-glucuronosyltransferase Polymorphisms (UGT1A6*2, 1A7*12, 1A8*3, 1A9*3, 2B7*2, and 2B15*2) in a Saudi Population. *Saudi Pharmaceutical Journal*. 2017; 25:224-230.
117. Siddiqui NA, **Parvez MK**, Al-Rehaily AJ, MS Al-Dosari, Alam P, Shakeel F, Al-Harbi HA. High-performance thin layer chromatography-based assay and stress study of a rare steroidal alkaloid solanopubamine in six species of *Solanum* grown in Saudi Arabia. *Saudi Pharmaceutical Journal*. 2017; 25:184-195.
118. Alam P, **Parvez MK***, Arbab AH, Al-Dosari MS. Quantitative analysis of rutin, quercetin, naringenin and gallic acid by validated RP- and NP-HPTLC methods for the quality control of anti-HBV active extract of *Guiera senegalensis*. *Pharmaceutical Biology*. 2017; 55:1317-1323.
119. **Parvez MK***. Hepatitis E: diagnostic and therapeutic challenges. *Archives of Hepatitis Research*. 2017; 3:10-12.
120. Al-Massarani SM, El Gamal AA, **Parvez MK**, Al-Dosari MS, Al-Said M, Abdel-Kader M, Basudan OA. New Cytotoxic Seco-Type Triterpene and Labdane-Type Diterpenes from *Nuxia oppositifolia*. *Molecules*. 2017; 22:389-399.
121. **Parvez MK***. Mutational analysis of hepatitis E virus ORF1 'Y-domain': Effects on RNA replication and virion infectivity. *World Journal of Gastroenterology*. 2017; 23:590- 602.
- 2015-2016:**
122. Shahat AA, Alsaid MS, Rafatullah S, Al-Sohaibani MO, **Parvez MK**, Al-Dosari MS, Exarchou V, Pieters L. Treatment with *Rhus tripartita* extract curtails isoproterenol-elicited cardiotoxicity and oxidative stress in rats. *BMC Complementary & Alternative Medicine*. 2016; 16:351.
123. **Parvez MK***, Niyazi S. Bacterial infection of liver: a bird's eye view. *Journal of Gastroenterology & Hepatology Research*. 2016; 5:2112-2114.
124. Al-Yahya M, Raish M, AlSaid MS, Ahmad A, Mothana RA, Al-Sohaibani M, Al-Jenoobi FI , Al-Dosari MS, **Parvez MK***, Rafatullah S. 'Ajwa' dates (*P. dactylifera* L.) extracts ameliorates isoproterenol-induced cardiomyopathy through downregulation of oxidative, inflammatory and apoptotic molecules in rodent model. *Phytomedicine*. 2016; 23:124-128.
125. Al-Dosari MS, **Parvez MK***. Genetic polymorphisms of drug eliminating enzymes and transporters. *Biomedical Genetics & Genomics*. 2016; 1:44-50.
126. Arbab AH, **Parvez MK***, Al-Dosari MS, Al-Rehaily AJ, Ibrahim KE, Alam P, AlSaid MS, Rafatullah S. Therapeutic efficacy of ethanolic extract of *Aerva Javanica* aerial parts in the amelioration of CCl₄-induced hepatotoxicity and oxidative damage in rats. *Food & Nutrition Research*. 2016; 60:30864.
127. Ghorab M, Al-Said M, Al Dosari M, El-Gazzar M, **Parvez MK**. Design, synthesis and anticancer evaluation of novel quinazoline-sulfonamide hybrids. *Molecules*. 2016; 21:189-200.

128. Bari A, **Parvez MK**, Khan AA, Alanazi AM, Ali SS, Al-Dosari MS, Alobaid AM. A facile one-pot synthesis and anticancer evaluation of novel substituted 1,2-dihydropyridine and 1,2,3,4-tetrahydropyridine analogues. *Journal of Heterocyclic Chemistry*. 2016; 53:377-382.
129. **Parvez MK***, Arab AH, Al-Dosari MS, Al-Rehaily AJ. Antiviral natural products against chronic hepatitis B: recent developments. *Current Pharmaceutical Design*. 2016; 3:286-293.
130. Mothana R, Alsaid M, Khaled JM, Alharbi NS, Alatar A, Raish M, Al-Yahya M, Rafatullah S, **Parvez MK**, Ahamad SR. Assessment of antinociceptive, antipyretic and antimicrobial activity of *Piper cubeba* L. essential oil in animal models. *Pakistan Journal Pharmaceutical Sciences*. 2016; 29:671-677.
131. **Parvez MK***, Al-Dosari MS. CAM/Drug-induced hepatotoxicity: implications in viral hepatitis. *Journal of Gastroenterology & Hepatology Research*. 2016; 5:1921-1923.
132. **Parvez MK***. The hepatitis E virus ORF1 'X-domain' residues form a putative macrodomain protein/Appr-1"-pase catalytic-site, critical for RNA replication. *Gene*. 2015; 566:47-53.
133. Arbab AH, **Parvez MK***, Al-Dosari MS, Rafatullah S, Al-Sohaibani M, Zorag EA, Al-Rehaily AJ, Al-Said MS. Hepatoprotective and antiviral efficacy of *Acacia mellifera* leaves fractions against hepatitis B virus. *BioMed Research International*. 2015; 2015:929131.
134. Khan AA, Alanazi AM, Jabeen M, **Parvez MK**, Abdelhameed AS, Chauhan A. Biophysical interactions of novel oleic acid conjugate and its anticancer potential in HeLa cancer cells. *Journal of Fluorescence*. 2015; 25:519-525.
135. **Parvez MK***. HBV and HIV co-infection: impact on liver pathobiology and therapeutic approaches. *World Journal of Hepatology*. 2015; 7:121-126.
136. **Parvez MK***. The intergenic-junction variant (genotype 2 isolate) of hepatitis E virus restores the CREX 'stem-loop' structural integrity, essential for viral life cycle. *Gene*. 2015; 559: 149-154.
137. Siddiqui NA, Alam P, Al-Rehaily AJ, Al-Oqail MM, **Parvez MK**. Simultaneous quantification of biomarkers Bergenin and Menisdaurin in the methanol extract of aerial parts of *Flueggea virosa* by validated HPTLC densitometric method. *Journal of Chromatographic Science*. 2015; 53:824-829.
138. **Parvez MK***. Candidate new hepatitis viruses: juggling with the alphabets. *Journal of liver and Clinical Research*. 2015; 2:1009.
139. Al-Yahya M, Mothana R, Al-Said M, Al-Dosari MS, Al-Sohaibani M, **Parvez MK**, Rafatullah S. Protective effect of *Citrus medica* 'otraj' extract on gentamicin-induced nephrotoxicity and oxidative damage in rat kidney. *Digest Journal of Nanomaterials & Biostructures*. 2015; 10:19-29.
140. Siddiqui NA, Alam P, **Parvez MK**, Basudan OA, Al-Dosari MS, Al-Rehaily AJ, Al-Ajmi MF, Shakeel F. Quantification of glycyrrizin in anti-stress herbal formulations by validated HPTLC method: a random paradigm towards quality control of herbals. *Pakistan Journal of Pharmaceutical Sciences*. 2015; 28:353-357.
141. **Parvez MK***, Al-Dosari MS. Evidence of MAPK-JNK1/2 activation by hepatitis E virus ORF3 protein in cultured hepatoma cells. *Cytotechnology*. 2015; 67:545-350.

2013-2014:

142. **Parvez MK***. Evolving manifestations of hepatitis E virus: Aren't we overinterpreting? *Journal of Gastroenterology & Hepatology Research*. 2014; 3:937-938.
143. Alanazi AM, Khan AA, Mustafa J, **Parvez MK**, El-azab AS, Abdelhameed AS. Characterization and anticancer potential of newly synthesized propofol conjugates. *Asian Journal of Chemistry*. 2014; 26:2773-2778.
144. Bhat MA, Khan AA, Khan S, Al-Omar MA, **Parvez MK**, Al-Dosari MS, Al-Dhfyhan A. Synthesis and anti-candida activity of N-(4-aryl/cyclohexyl)-2-(pyridine-4-yl carbonyl) hydrazinecarbothioamide. *Bioorganic & Medicinal Chemistry Letters*. 2014; 24: 1299-1302.
145. **Parvez MK***, Ali R. Hepatitis E virus cross-reactivity and false-seropositivity: challenges to diagnosis. *Journal of Liver*. 2014; 3:e109.
146. **Parvez MK***, Khan AA. Molecular modeling and analysis of hepatitis E virus (HEV) papain-like cysteine protease. *Virus Research*. 2014; 179:220-224.
147. **Parvez MK***. Hepatitis E virus-associated neuropathy: an emerging extrahepatic manifestation. *Future Virology*. 2014; 9:1-4.

148. **Parvez MK***. Molecular characterization of hepatitis E virus ORF1 gene supports a papain-like cysteine protease (PCP)-domain activity. *Virus Research*. 2013; 178:553-556.
149. **Al-Dosari MS**, Al-Jenoobi FI, Alkharfy KM, Alghamdi AM, Bagulb KM, Al-Mohizea AM, Al-Muhsen S, Parvez MK, Halwani R. High Prevalence of CYP2D6*41 (G2988A) Allele in Saudi Arabians. *Environmental Toxicology and Pharmacology*. 2013; 36:1063-1067.
150. Alkharfy KM, Alghamdi AM, Bagulb KM, Al-Jenoobi FI, Al-MohizeaAM, Al-Muhsen S, Halwani R, **Parvez MK**, Al-Dosari MS. Distribution of selected gene polymorphisms of UGT1A1 in a Saudi Population. *Archives of Medical Science*. 2013; 4:731-738.
151. **Parvez MK***. Hepatitis E chronic infection: risks and controls. *Intervirolgy*. 2013; 56:213-216.
152. Al-Dosari MS, Alghamdi AM, Alkharfy KM, Al-Mohizea AM, Al-Jenoobi FI, Al-Muhsen S, Halwani R, **Parvez MK**. Genetic variability of PXR in Saudi Arabians. *Biochemical Genetics*. 2013; 51:575-587.
153. Al-Yahya M, Al-Dosari MS, Al-Sohaibani M, Al-Said M, Mothana R, **Parvez MK**, Rafatullah S. Attenuation of CCl₄-induced oxidative stress and Hepato-nephrotoxicity by Saudi Sidr Honey in Rats. *Evidence-Based Complementary & Alternative Medicine*. 2013; 2013:1-10.
154. **Parvez MK***. HIV heaptotropism and pathogenesis: new challenges. *Future Virology*. 2013; 8:1-3.
155. Al-Jenoobi FI, Alkharfy KM, Alghamdi AM, Bagulb KM, Al-Mohizea AM, Al-Muhsen S, Halwani R, **Parvez MK**, Al-Dosari MS. CYP2C19 Genetic Polymorphism in Saudi Arabians. *Basic & Clinical Pharmacology and Toxicology*. 2013; 112:50-54.

2011-2012:

156. Al-MohizeaAM, Alkharfy KM, Bagulb KM, Alghamdi AM, Al-Jenoobi FI, Al-Muhsen S, Halwani R, **Parvez MK**, Al-Dosari MS. Genetic variability and haplotype profile of MDR1 in Saudi Males. *Molecular Biology Report*. 2012; 39:10293-10301.
157. **Parvez MK***. Not so (a)cute: chronic evolution of hepatitis E virus. *Journal of Gastroenterology & Hepatology Research*. 2012; 1:84-85.
158. **Parvez MK***, Purcell RH, Emerson SU. Hepatitis E virus (HEV) ORF2 protein over-expressed by baculovirus in hepatoma cells, efficiently encapsidates and transmits the viral RNA to naïve cells. *Virology Journal*. 2011; 8:159-164.

2000-2006:

159. **Parvez MK**, Sehgal D, Sarin SK, Basir FB, Jameel S. Inhibition of hepatitis B virus DNA replication intermediate forms by recombinant IFN- γ . *World Journal of Gastroenterology*. 2006; 12: 3006-3014.
160. Wakil SS, Kazim SN, Raisuddin S, Khan LA, **Parvez MK**, Thakur V, Guptan RC, Sarin SK. Prevalence and profile of mutations associated with lamivudine therapy in Indian patients with chronic hepatitis B in the surface and polymerase genes of hepatitis B virus. *Journal of Medical Virology*. 2002; 68:311-318.
161. **Parvez MK**, Thakur V, Kazim SN, Guptan, Hasnain SE, Sarin SK. Base-pair alterations in the epsilon-lower stem due to a novel double substitution in the pre-core gene of HBV-e negative variants were recovered by secondary mutations. *Virus Genes*. 2001; 23:315-320.
162. Thakur V, Guptan RC, Basir SF, **Parvez MK**, Sarin SK. Enhanced immunogenicity of recombinant Hepatitis B vaccine in exposed family contacts of chronic liver disease patients. *Scandinavian Journal of Infectious Disease*. 2001; 33:618-621.
163. Ghosh S, Parvez MK, Banerjee K, Sarin SK, SE Hasnain. 2000. Baculovirus as mammalian expression system for gene therapy: a novel approach. *Molecular Therapy*. 6:5-11.

Book Chapters:

164. **Ahmed S, Parvez MK***. Recent advanced herbal synthetic nanoparticles for viral diseases. In *Nanotechnology in Herbal Medicine: Applications & Innovation*, Eds. Thomas S, Oyedeji AO & Oluafermi OS. Elsevier-Woodhead Publishing 2023; pp 279-292. ISBN 978-0-323-99587-6.

165. **Parvez MK***, Arbab AH, Al-Dosari MS. An update on natural or herbal drugs against hepatitis B virus. In *Hepatitis B: Diagnosis, Prevention and Treatment* (NOVA Science Publishers, USA), 2021, Vol. 179, pp.159-184. ISBN: 978-1-53619-487 (eBook); ISSN: 2157-5398.
166. Tazeen A, Deeba F, Shafat Z, Faizan MI, Sarwat M, **Parvez MK**, Parveen S. Natural compounds as potential therapeutic agents against COVID-19. In *The COVID-19 Pandemic: Epidemiology, Molecular Biology and Therapy*, Ed. S. Parveen (Bentham Science Publications, UK), 2021, pp. 168-196. ISBN: 9789811481864.
167. **Parvez MK***. Emerging and re-emerging viral diseases: risks and controls. In *Microbial Pathogens and Strategies for Combating Them: Science, Technology and Education*, Ed. A. Mendez-Vila (Formatex, Spain), 2013, Vol. 3: pp. 1619-1626.

Media coverage:

168. **Parvez MK***. A peek behind the paper– Mohammad K Parvez on coronaviral hepatitis. *Infectious Diseases Hub* 2020, Future Science Group, UK. <https://www.id-hub.com/2020/09/10/mohammad-k-parvez-coronaviral-hepatitis/>
169. **Parvez MK***. Targeting HEV Methyltransferase. *Global Hepatitis E Forum*. 2022. <https://www.ghep-hev.com/article/targeting-hev-methyltransferase/>
170. **Parvez MK***. FDA-approved RdRp-inhibitors counteract HEV replication. *Global Hepatitis E Forum*. 2023. <https://www.ghep-hev.com/article/fda-approved-rdrp-inhibitors-counteract-hev-replication/>
171. **Parvez MK***. Repurposing of Methotrexate as HEV helicase-inhibitor. *Global Hepatitis E Forum*. 2023. <https://www.ghep-hev.com/article/repurposing-of-methotrexate-as-hev-helicase-inhibitor/>

Web Listing:

<https://king-saud.academia.edu/MohammadParvez>
https://www.researchgate.net/profile/Khalid_Parvez3
<http://www.ncbi.nlm.nih.gov/pubmed/?term=Parvez+MK>
<https://scholar.google.com/citations?user=W44vDkgAAAAJ&hl=en>
<https://www.webofscience.com/wos/author/record/AFL-9659-2022>
<https://orcid.org/0000-0002-7154-9151>
<https://www.scopus.com/authid/detail.uri?authorId=7103017901>
<https://publons.com/dashboard/records/publication/confirm/>
<http://www.pubfacts.com/author/Mohammad+Khalid+Parvez>
<https://expertscape.com/au/communicable+diseases%2C+emerging/Parvez%2C+Mohammad+K>