

CURRICULUM VITEAE

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 INTERESSETS/ EXPERTISE

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

ALPER-DOGER SCIENTIFIC INDEX 2022 RANKING

Biomedical Science-Virology: King Saud University: #1; Saudi Arabia: #1; Asia: #41; World: #286

ELSEVIER-STANFORD UNIVERSITY 2022 RANKING

World Top 2%; King Saud University: #3

h-INDEX :26

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.
- 2022:** Outstanding Assoc. Editor Award, Future Integrative Medicine, Xia & He Publishing, USA.
- 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- Wellcome 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:** Webibar: 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. Diseases, 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 Aires, 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, 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]

RESEARCH 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, Alhalimi 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, Zroui 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 aspersa* 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**, Alhalimi 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, Amaghnoije A, N AlZain M, Noman O, **Parvez MK**, Boustia 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. doi: 10.2217/fvl-2022-0184
 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, Dhotrea 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, Maqsood 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**, Ousaaaid 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-Musayeib 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, Oyedele AO & Olufemi 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, Deebea 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>