

## CURRICULUM VITEAE

**Prof. Mohammad Khalid Parvez**  
**Dept. of Pharmacognosy, College of Pharmacy**  
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### **ACADEMIC DEGREES**

- **2005:** PhD (Virology); Intl. 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 INTERESETS/ EXPERTISE**

- Virology (Hepatotis/ HIV/SARS-CoV2)
- Natural and Synthetic Anti-Viral/Microbial/Cancer Drugs
- Computational Drug Research

### **ALPER-DOGER SCIENTIFIC INDEX 2024 RANKING**

Virology: King Saud University: #1; Saudi Arabia: #1; Asia: #222; World:#264 (AD2025)

### **ELSEVIER-STANFORD UNIVERSITY2024 RANKING**

World Top 2%; King Saud University: #3 (Elsevier2025)

### **GOOGLE SCHOLOR INDEX**

Citations: 2886; h-INDEX: 30 (hINDEX)

### **POSITIONS**

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

### **RSEARCH 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 Integ. Med., Xia&He Publishing, USA ([XH23](#)).
- **2022:** Outstanding Assoc. Editor Award, Future Integ. Med., 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'(32<sup>nd</sup> 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& ICGEB, 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 Biotech Program Scholarship- DBT, Ministry of Science & Technology, India.
- **1996:** Qualified the DBT-Gov. of India National Entrance for MS (Biotech) Program, India.

#### **INVITED INTERNATIONAL SPEAKER**

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

- **2024:** Health Innovation Week, Res. Dev. & Innovation Authority, Riyadh, Saudi Arabia
- **2024:** Seminar- Malvern Panalytical: Characterization of Protein Toolbox, KSU, Riyadh.
- **2024:** Webinar- Editage's Develop. an Outline for MS&PhD Thesis Proposal, KSU, Riyadh.
- **2023:** Workshop- Develop. & Eval. of Physiol. Pharmacokinetic Models, KSU, Riyadh.
- **2023:** Webinar: Editage- Selecting a Journal & Preparing a Great Submission, KSU, Riyadh.
- **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, Saudi Arabia.
- **2019:** Oral- Intl. 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- Intl. Congress of Bacteriology and Applied Microbiology (IUMS), Singapore.
- **2016:** Poster- Asian Pacific Digestive Week (APDW), Kobe, Japan.
- **2016:** Poster- Ann. Meeting of Nordic Soc. Clin. Microbiol. Infect. Diseases, Rovaniemi, Finland.
- **2016:** Oral- Intl. Conference on Medicinal Plants and Nat. Prod. (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 of Pathogens at Human-Animal Interface, 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-Intl. Congress of Complementary Medicine Research (ICCMR), Jeju, South 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- Europ. Soc. of Clinic. Microbiol.& Infect. Dis. (ESCMID), Copenhagen, Denmark.
- **2014:** Oral- Cell Science & Stem Cell Research Congress, Valencia, Spain.
- **2014:** Poster- Intl. Union of Microbiological Society Congress (IUMSC), 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 Assoc. 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 Dis. (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 Assoc. of Study of Liver (INASL) Conference, Lucknow, India.
- **2001:** Poster- INASL & EASL Joint International Conference, Goa, India.
- **2000:** Poster- Indian National Assoc. of Study of Liver (INASL) Conference, New Delhi, India.
- **1998:** Poster- Indian National Assoc. 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]

#### **RESEARCH/GRANT/INSTITUTIONAL COMMITTEE**

- **Committee Member (2024-)**, Laboratory Equipment Committee, Department of Pharmacognosy, College of Pharmacy, KSU, Riyadh
- **Distinguished Scientific Committee Member (2023)**, Research, Development and Innovation Authority (RDIA) Grant, Saudi Arabia
- **Invited Committee Member (2015)**, Croatian Science Foundation-Call for Proposals, Croatia

#### **JOURNAL EDITOR/REVIEWER (PUBLON;WoSci)**

- **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 Journals; MDPI Journals; Topics in Medicinal Chemistry; Journal of Food Biochemistry; Frontiers in Microbiology

#### **INTERNATIONAL CONFERENCES/MEETINGS CO-ORGANIZED**

- **International Advisory Board Member-** 1<sup>st</sup> Intl Interdisciplinary Science Congress (I-ISCI-2024), JMI Central University, New Dwelhi, India.
- **International Committee Member-** 19<sup>th</sup> International Conference on Viral and Subunit Vaccines (ICCSV2017), Durban, SA.
- **International Committee Member-** 18<sup>th</sup> International Conference on Viral Hepatitis (ICVH2016), London, UK.
- **International Committee Member-** XIII International Conference on Virology and Infectious Diseases (ICVID2015), London, UK.
- **International Committee Member-** XII International Conference on Virology and Infectious Diseases (ICVID2014), Bangkok, Thailand.
- **Organizing Committee Member-** 5<sup>th</sup> World Congress on Bioavailability and Bioequivalence: Pharmaceutical R&D Summit (BABE2014), Baltimore, USA.
- **International Committee Member-** 16<sup>th</sup> International Conference on Viral Hepatitis (ICVH2014), 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.
- **Doctoral Thesis (2025):** Aditya Trivedi, PhD student; Dept. of Life Sciences, Shiv Nadar University, Greater Noida, India.

**PUBLICATIONS** (\*Corresponding author): [RESEARCHGATE](#); [PUBMED](#); [GOOGLESCHOLAR](#)**2025:**

1. Niyazi S, **Parvez MK\***, Ahmed T, Basudan OA, Rehman MT, Al-Dosari MS, Herqash RN, Alqasoumi SI. Antiviral flavonoids and polyphenols driven novel anti-HBV efficacy of *Ilex paraguariensis*. *Archives of Medical Sciences* 2025. doi: 10.5114/aoms/188809.
2. Trivedi A, Kushwaha T, Ishani, Vrati S, Gupta D, Kayampeta SR, Parvez MK, Inampudi KK, Appaiahgari MB, Sehgal D. Psoralidin acts as a dual protease inhibitor against PLpro and Mpro of SARS-CoV-2. *FEBS Journal* 2025. doi: 10.1111/febs.17380.
3. Xiang R, Qin T, Liu Y, Lan L, Dong X, Srivastava D, **Parvez MK**, Al-Dosari MS, Kumar A, Pan Y. Two novel cobalt-based coordination polymers for electrochemical sensing of trace ciprofloxacin. *Microchemical Journal* 2025. Doi: 10.1016/j.microc.2024.112594.
4. Yin Z-C, Ray M, Liu CY, Dakua T, **Parvez MK**, Al-Dosari MS, Mohanty M, J-C, J. A Cd(II)-based metal-organic framework as switch-off fluorescence sensors for antibiotic detection. *Applied Organometallic Chemistry* 2025; e7792.
5. Qin T, Xiang r, Zhu y, Dong D, Zhou C, Lan L, Trivedi M, Parvez MK, Al-Dosari MS, Kumar A, Zhou L. Temperature tuned syntheses of multidimensional nickel(II)-based coordination polymers: Apt electrochemical sensors for ciprofloxacin. *Microchemical Journal* 2025; 209:112674.
6. Prasanna M, Jha G, Kim BH, **Parvez MK**, Yoo DJ. In-situ grown 3D-h-ZCO/NF as a bifunctional catalyst towards oxygen evolution reaction and electrocatalytic CO<sub>2</sub> reduction. *Materials Today Chemistry* 2025; 43:102457.
7. Liu Y, Zhao Z, Zhu Y, Xiang R, Dong X, **Parvez MK**, Al-Dosari MS, Pan Y. The MOF-Derived Ag@M-N/Al-O Catalyst for Highly Selective Electrocatalytic Reduction of CO<sub>2</sub> to CO. *Applied Organometallic Chemistry* 2025; 39:e7946.
8. Ma R-M, Ghosh MK, Song X, Xiao Y, Wang J, Parvez MK, S. Al-Dosari MS, Ghorai TK, Yong Huang. Development of luminescent zinc coordination polymers: Synthesis, characterization and applications for sensing of dopamine and ferric ions. *Microchemical Jurnal* 2025; 208:112300
9. Zhang K, He Y, Xiong X, Lu L, **Parvez MK**, Daniel O, Al-Dosari MS, Kumar A. Two new Cd(II)-based coordination polymers derived from flexible linker: Highly sensitive and selective ‘turn off-on’ fluorescent sensors for ferric and dichromate ions. *Dyes and Pigment* 2025 232:112480.

**2024:**

10. Li W, Liu L, Li X, Ren H, Zhang L, Parvez MK, Al-Dosari MS, Fan L, Liu J. A Ni(II)MOF-based hypersensitive dual-function luminescent sensor towards the 3-nitrotyrosine biomarker and 6-propyl-2-thiouracil antithyroid drug in urine. *Journal of Materials Chemistry* 2024. DOI: 10.1039/d4tb01618a.
11. Paliwal P, Desai D, Ali N, **Parvez MK**, Alam MR, Seo KJ, Datta M. Rapid diagnostics for monitoring chronic kidney disease aggravated as a post-COVID complication. *Journal of King Saud University-Science* 2024; 36:103490.
12. Sharma M, Coksen G, Ali N, Jangu S, **Parvez MK**, Ai-Dosari MS, Bhaswant M, Chawala P. Advancing antimicrobial efficacy of *Cucumis Momordica* seeds: Nanoemulsion application in *Eurotium cristatum* -mediated solid-state fermentation. *Food and Bioproducts Processing* 2024; 148:507.

13. Tosif MM, Bains A, Sridhar K, Dhull SB, Ali N, **Parvez MK**, Chawla P, Sharm M. From plant to nanomaterial: Green extraction of nanomucilage from Cordia dichotoma fruit and its multi-faceted biological and photocatalytic attributes. *International Journal of Biological Macromolecules* 2024; 282:136522.
14. Sharma R, Kumari A, Dixit A, Abraham JA, Manzoor M, Kumar A, **Parvez MK**, Kumar YA, Mishra AK. Tuning optoelectronic and thermoelectric attributes of Na<sub>2</sub>Gex<sub>6</sub> (X=Br,Cl) halide double perovskites for high-efficiency solar cells applications. *Materials Science & Engineering* 2024; 310:117761.
15. Yang W, Ghosh MK, Wei Y, Wang J, **Parvez MK**, Al-Dosari, MS, Ghorai TK. Synthesis and photocatalytic performance of a dinuclear cadmium(II)-based coordination polymer for degradation of organic pollutants in wastewater. *Polyhedron* 2024; 264:117212.
16. Sundaram GA, Subramani T, Anbalagan K, **Parvez MK**, Kumar ASK. Photochemically enhanced photocatalytic and magnetic properties of TiO<sub>2</sub> via Co(II) ion implantation from a Co(II)-picoline complex. *New Journal of Chemistry* 2024; 48:16429.
17. Alanzi AR, Alajmi AF, Al-Dosari MS, **Parvez MK**, Alqahtani MJ. In silico exploration of deep-sea fungal metabolites as inhibitor of Ebola and Marburg VP35 and VP40. *PLOS One* 2024; 19:e0307579.
18. Patel C, Patel V, Parekh P, Ray D, Aswal VK, Vekariya RL, Sangani CB, Khimani M, **Parvez MK**, Al-Dosari MS, Zhang J, Duan Y-T. Exploring the impact of cresols on aggregation characteristics of non-linear PEO-PPO-PEO block copolymers in aqueous solution. *Journal of Molecular Liquids* 2024; 408:125406.
19. Patil ND, Thakur S, Bains A, Kaur S, Ali N, Arora R, **Parvez MK**, Goksen G, Janghu S, Chawla P. Exploration of Calocybe indica mushroom phenolic acid-kidney bean protein complex: Functional properties, amino acid profiles, in-vitro digestibility, and application in vegan product development. *Food Chemistry* 2024; 460:140401.
20. Hakim MS, Gazali FM, Widyaningsih SA, **Parvez MK**\*. Driving forces of continuing evolution of rotaviruses. *World Journal of Virology* 2024; 13:93774.
21. Duan Y, Pancholi H, Undre PB, Prajapati HR, Pavagadhi TH, Sangani CB, **Parvez MK**, Al-Dosari MS, Undre SB. Effect of Tween and CTAB surfactants on aqueous solubility of the silibinin anticancer drug studied by using physicochemical properties at 310.15K. *Journal of Molecular Liquids* 2024; 406:125040.
22. Singh H, Shyamveer, Jori C, Mahajan SD, Aalinkel R, Kaliyappan K, Bhattacharya M, **Parvez MK**, Al-Dosari MS. Role of APOC3 3238C/G, APOB 12669G/A and SCARB1 1050C/T polymorphisms, their expression in patients of HIV-associated lipodystrophy. *Heliyon* 2024; 10:e30519.
23. Kanchana US, Jose J, Ali N, AlAsmarib AF, **Parvez MK**, Mathew TV. Tailoring ZnO nanoparticles for biomedical applications: Surface functionalization of ZnO nanoparticles with 2-oxo-2H-chromene-3-carboxylic acid coupled beta-cyclodextrin for enhanced antimicrobial and anticancer effect. *Inorganic Chemistry Communications* 2024; 163:112363.
24. Kamboj R, Bains A, Sharma M, Kumar A, Ali N, **Parvez MK**, Chawla P, Sridar K. Green synthesis of rice straw-derived silica nanoparticles by hydrothermal process for antimicrobial properties and effective degradation of dyes. *Process Safety and Environmental Protection* 2024; 185:1049.
25. Jose J, Varughese JK, **Parvez MK**, Mathew TV. Probing the inhibition of MAO-B by chalcones: an integrated approach combining molecular docking, ADME analysis, MD simulation, and MM-PBSA calculations. *Journal of Molecular Modelling* 2024; 30:103.
26. Thakur S, Bains A, Kumar A, Goksend G, Yaqoob M, **Parvez MK**, Al-Dosari MS, Chawlaa P. Biomass valorization of liquid whey into carbon quantum dots via hydrothermal process for food pathogenic bactericidal activity and photocatalytic degradation of brilliant red dye. *Food Biosciences* 2024; 58:103764.
27. Singh H, Shyamveer, Mahajan SD, Aalinkel R, Kaliyappan K, Schwartz SA, Bhattacharya M, **Parvez MK**. Al-Dosari MS. Identification of novel genetic variations in ABCB6 and GRN genes associated with HIV-associated lipodystrophy. *Clinica Chimica Acta* 2024; 556:117830.
28. Zakraoui M, Outman A, Kinambamba MS, Bouhrim M, Ndjib RC, Al Kamaly O, Alshawwa SZ, Seid AB, Cordier J, Ngoupayo J, Longo-Mbenza B, Gressier B, **Parvez MK**, Pasković I, Hamrouni L, Eto B. Ifanosine: *Olea europaea* L. and *Hyphaene thebaica* L. combination, from

- traditional utilization to rational formulation: Preclinical and clinical efficacy on hypertensives patients. *Journal of Ethnopharmacology*. 2024; 325:117834.
29. Thakur S, Bains A, Inbaraj BS, Sridhar K, Kumar A, Yaqoob M, Ali N, **Parvez MK**, Chawla P, Sharma M. Synthesis of carbon quantum dots from waste Phaseolus vulgaris for the development of a fluorescence sensing probe to detect plasticizer in cookies. *Process Safety and Environmental Protection* 2024; 184:650.
  30. Ansari MM, Jori C, Ahmad A, Maqbool T, **Parvez MK**, Raza SS. Oral delivery of Aescin-loaded Gelatin nanoparticles ameliorates carbon tetrachloride-induced hepatotoxicity in Wistar rats. *Life Sciences* 2024; 340:122480.

**2023:**

31. 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.
32. 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.
33. 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.
34. 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.
35. 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.
36. 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.
37. 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.
38. 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.
39. Chafai W, Haddiou 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.
40. 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.
41. Aouji M, Imtara H, Rkhaila A, Bouhaddiou 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.
42. 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.
43. 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.

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