

Year 2026

- Akbar S., Khan S.A., Khan M.A., **Asim N.**, Humayun M. **Mutational analysis of multidrug efflux pump (AcrAB-TolC) in *Enterobacter cloacae* isolates from clinical samples.** *Sci Rep* (2026) <https://doi.org/10.1038/s41598-026-53813-9>

Year 2025

- Durrani, Irfan Safdar, **Noreen Asim**, Asad Jan, Iffat U. Nissa, Syed Tanveer Shah, Syed Jehangir Shah, Abdul Basit, and Heba I. Mohamed. "In silico expression analysis of germin-like protein genes from rice cultivar Nipponbare." *Molecular Biology Reports* 52, no. 1 (2025): 1-14.
- **Book Chapter:** Jabeen, Farkhanda, **Noreen Aasim**, and Farheen Shafique. 2025. "CRISPR-Cas Systems in Agriculture." In *Gene Editing by CRISPR-Cas*, 1st ed., 1–28. Boca Raton, FL: CRC Press.
- Muhammad Haris , Noreen Asim, Mahreen ul Hassan , Navid Iqbal ,Farheen, Shafique , Ijaz Ali , Najeeb Ullah Khan (2025). **Assessment of Petroleum Hydrocarbons Biodegradation by Indigenous Bacillus Strains from Khyber Pakhtunkhwa, Pakistan.** *Microbial Pathogenesis*, 205, 107728. <https://doi.org/10.1016/j.micpath.2025.107728>
- Aziz, S., Khan, S., Karkashan, A., **Asim, N.**, Bukhari, K., Mohammad Almousa, R., Al-Megrin, W. A. I. (2025). **Exploring natural compounds and synthetic derivatives as potential inhibitors of SARS-CoV-2 PLpro: a computational approach with enzyme inhibition and cytotoxicity assessment.** *Journal of Biomolecular Structure and Dynamics*, 1–21. <https://doi.org/10.1080/07391102.2024.2333456>

Year 2024

- Madeeha Ihsan, Najeeb Ullah Khan, **Noreen Asim**, Muhammad Ismail, Mikhliid H. Almutairi, I. Ali Brian D. Adams, 2024. **Significant Association of Candidate Genes (AGTR1 and TGF-B1) Polymorphism with Diabetic Nephropathy in Diabetes Mellitus Type 2 Patients.** *Cellular Physiology and Biochemistry* 58(3):203-211

Year 2023

- Durrani, I.S., **N. Asim**, A. Sohail. 2023. **Isolation and in silico analysis of OsGLP12-3 gene's promoter from rice cultivar Dilrosh-97.** *Sarhad Journal of Agriculture*, 39(4): 883-897.

Year 2022

- Muhammad Farrukh Tahir , Muhammad Zaman Khan, Safira Attacha, **Noreen Asim** ,Muhammad Tayyab , Azam Ali , Jiri Militky and Blanka Tomková (2022).**The Comparative Performance of Phytochemicals, Green Synthesised Silver Nanoparticles, and Green Synthesised Copper Nanoparticles-Loaded Textiles to Avoid Nosocomial Infections.** *Nanomaterials* 2022, 12, 3629.

- Fatima Javed Mirza, Saadia Zahid , Sanila Amber, Sumera , Hira Jabeen, **Noreen Asim**, Syed Adnan Ali Shah (2022). **Multitargeted Molecular docking and dynamic simulation studies of bioactive compounds from Rosmarinus officinalis against Alzheimer's disease**. Molecules, 27, 7241.
- Syed Ayaz Kazmi, Rauf A, Shafique F, **Asim N**, Shafi N, ul Hassan M(2022). **Kashmiri refugees at the verge of HBV and HCV epidemic in the State of Azad Jammu and Kashmir**, Revista de saude Publica/ Brazil, 56 (33),1-8.

Year 2021

- Farheen Shafique Mahreen ul Hassan, Hina Nayab , **Noreen Asim** , Nazia Akbar, Nuzhat Shafi , Sadaf Manzoor , Freek van Eeden , Shaqaut Ali. (2021) **Attitude and perception towards vaccination against poliomyelitis in Peshawar, Pakistan** Revista de saude Publica/ Brazil, 55:104, 11 pages
- Mir, F., S. Bibi, **N. Asim** and A. Jan. 2022. Genomic analysis of C₃H zinc finger proteins family in Brassica rapa. Pak. J. Bot., 54(3): DOI: [http://dx.doi.org/10.30848/PJB2022-3\(1\)](http://dx.doi.org/10.30848/PJB2022-3(1))
- Saadia Laraib, Asma Shah, **Noreen Asim**, Farhat Amin, Ghosia Lutfullah, Jamila Haider. **Synthesis, Characterization And Antibacterial Activity Of Simple ZnO And Metal Doped ZnO Nanoparticles**. Pak. J. Pharm. Sci., Vol.34, No.5, September 2021, pp.1651-1658.
- M. Hassan, F. Shafique, H. Bhutta, K. Haq, T. Almansouri, **N. Asim**, D. Khan, S. Butt, N. Ali, N. Akbar. **A comparative study to evaluate the effects of antibiotics, plant extracts and fluoride-based toothpaste on the oral pathogens isolated from patients with gum diseases in Pakistan**. Brazilian Journal of Biology. Brazilian Journal of Biology, 2023, vol. 83, e242703.
- R. Z. Ashraf, B. Ahmad, F. Shafique, M. U. Hassan, **N. Asim**, M. W. Muhammad, S. Khawaja, S. Butt, N. Akbar, N. Sheikh. **Evaluation Of Economic Loss Caused By Porcupine (Hystrix Indica) In Agricultural Land Of District Muzaffarabad, Azad Jammu And Kashmir, Pakistan**. Brazilian Journal of Biology, 2023, vol. 83, e249847.
- Yang M, Wei Q, Shi L, Wei Z, Lv Z, **Asim N**, Zhang K, Ge B. **Streptomyces albulus CK-15 displays biocontrol activities against cucumber powdery mildew caused by Sphaerotheca fuliginea**. J Appl Microbiol. 2021 Jun 1. doi: 10.1111/jam.15168. Epub ahead of print. PMID: 34060684.
- Faiza Tawab, Iqbal Munir, Zeeshan Nasim, Mohammad Sayyar Khan, Saleha Tawab, Adnan Nasim, Aqib Iqbal, Mian Afaq Ahmad, Waqar Ali, Raheel Munir, Maria Munir, **Noreen Asim**. 2021. **Identification and characterization of a novel multi-stress responsive gene in Arabidopsis**. PLoS ONE 15(12):e0244030.

Year 2020

- Mahreen Ul Hassan, Hina Nayab, Farheen Shafique, Mike P. Williamson, Taghreed Saud Almansouri, **Noreen Asim**, Nuzhat Shafi, Safira Attacha, Madiha Khalid, Nasir Ali and Nazia Akbar. 2020. **Probiotic Properties of Lactobacillus helveticus and Lactobacillus plantarum**

olated from Traditional Pakistani Yoghurt. BioMed Research International Volume 2020, Article ID 8889198, 17 page.

- Shabana Irum, Azhar Hussain Shah, Shazia Erum, Farhat Ali Khan, **Noreen Asim**, Arifa Khan, Huma Qamar, Wajiha Khan, Uzma Khan, Sohail Ahmad Jan.2020. **OPTIMIZATION STUDIES FOR IN-VITRO CULTURE ESTABLISHMENT OF SELECTED PEACH (PRUNUS PERSICA L.) GERMPLASM.** Fresenius Environmental Bulletin ,Volume 29 – No. 12A/2020 pages 11573-11580.

Year 2019

- Irfan safdar Durrani, Farwa Iqbal Butt, Asad Jan, **Noreen Asim** and S.M. Saqlain Naqvi. **In silico Analysis Tools Prove Basmati 2008 (Indica Rice) to be More Meaningful for Crop Improvement as Compared to Nipponbare (Japonica Rice).** Pak. j. life soc. Sci. (2019), 17(1): 7-16
- Muhammad Rafiq, Ghusia Lutfullah, Alam Zeb Khan, Farhat Amin, **Noreen Azhar**, Muhammad Saleem Khan. 2019. **Antimicrobial, Antioxidant and Cytotoxic Potential of Aerial Parts of Monotheca buxifolia.** J. Math. Fund. Sci., 51, No. 2, 138-151.

Year 2018

- Rozina Gul, Hamayoon Khan, Shahenshah, Naqib Ullah Khan, **Noreen Asim**, Abdul Latif and Ko Harada. **Characterization for Nodulation and Detection of Duplicate Gene Action of Dominant Epistasis Controlling Root Nodulation in Chickpea (Cicer arietinum).** International Journal of Agriculture & Biology. 2018/20–3–683–688.
- H. Khan, R. Gul, N. U. Khan, R. Naz, S. Shah, **N. Asim** and A. Latif. **Role of Selection Indices In Ascertaining high yielding drought stress tolerant Chickpea (Cicer arietinum) I.** J of Animal & Plant Sci, 28(1)2018, 146-154.
- Liu B, Ge B, **Azhar N**, Zhao W, Cui H, Zhang K. **Complete Genome Sequence of Bacillus methylotrophicus Strain NKG-1, Isolated from the Changbai Mountains, China.** Genome Announc. 2018 Jan; 6(3): e01454-17.

Year 2015

- Haseena Khan, Safdar hussain Shah, Nasiruddin, **Noreen Azhar**, Muhammad Asim, sulha Syed, Farhan ullah, FaizaTawab, Jaweria Inayat. **Biochemical and Physiological changes of different plants species in response to heat and cold stress.** ARPJ Journal of Agricultural and biological science. Vol 10, No 6, 2015.
- Romana Shah, GhosiaLutfullah, Noreen Azhar. In Silico Modeling and Structure Analysis of D-Alanine: D-Alanine Ligase (DDL) from Streptococcus pyogenes. Conference Proceedings, **2nd Annual Computational Science Conference, vol 2, 16, 2013.**

Year 2012

- Nasiruddin, Tariq Masood, Muhammad Arif ,SyedSadaqat Shah, **Noreen Azhar**, Saifullah. **Nutritional Content of Some Medicinal Herbs of Peshawar District, Pakistan.** Sarhad J. Agric. Vol.28, No.4, 2012.

Year 2011

- GhosiaLutfullah, Natasha Qaisar Khan, Farhat Amin, Lutfullah Kakakhel, **Noreen Azhar**. **Structural Modeling Studies of Aldehyde Dehydrogenase X: Insights into Key Interactions in the Tetrameric Assembly of the Isoenzyme.** (Protein and Peptide Letters, Jan 2011, Vol 18, No.1, 41-57).

Year 2009

- GhosiaLutfullah, **Noreen Azhar**, Farhat Amin, Zahid Khan, M. Kamran Azim, KhalidaShouqat, Sajid Noor, MohdRizwan. **Structural Bioinformatics of *Vibrio cholerae* Aminopeptidase A.** (Protein & Peptide Letters, 2009, Vol. 16, No. 1, 36-45).

Year 2008

- GhosiaLutfullah, Farhat Amin, Zahid Khan, **Noreen Azhar**, M. Kamran Azim, Sajid Noor, KhalidaShoukat. **Comparative Homology Modeling of Hemagglutinin/Protease [HA/P (vibriolysin)] from *Vibrio Cholerae*: Sequence Comparision, Molecular Mechanism & Its Interactions.** (The Protein Journal, Volume 27, Number 2 / February, 2008, 105-114).
- GhosiaLutfullah, HilalShahid Khalil, Farhat Amin, **Noreen Azhar**. **Low Oxygen Affinity in Reptilian Hemoglobin D: Prediction of Residue Interactions in *Geochelone carbonaria* HbD by Homology Modeling.** (The Protein Journal, Volume 27, Number 3 / April, 2008, 141-150).