

# Dr. Naeem Mahmood Ashraf

## List of Publications:

1. Batool, S., Bin-T-Abid, D., Batool, H., Shahid, S., Saleem, M., Khan, A. U., ... & **Ashraf, N. M\***. (2021). Development of Multi-Epitope Vaccine constructs for Non-Small Cell Lung Cancer (NSCLC) Against USA Human Leukocyte Antigen Background: an Immunoinformatic approach toward future vaccine designing. *Expert Opinion on Biological Therapy*,
2. Batool, H., Batool, S., Mahmood, M. S., Mushtaq, N., Khan, A. U., Ali, M., ... & **Ashraf, N. M\***. (2021). Prediction of putative epitope-based vaccine against all corona virus strains for the Chinese population: Approach toward development of vaccine. *Microbiology and Immunology*, 65(4), 154-160.
3. Butt, M. Q., Zeeshan, N., **Ashraf, N. M.**, Akhtar, M. A., Ashraf, H., Afroz, A., ... & Naz, S. (2021). Environmental impact and diversity of protease-producing bacteria in areas of leather tannery effluents of Sialkot, Pakistan. *Environmental Science and Pollution Research*, 1-10.
4. Mahmood, I., Afroz, A., Malik, M. F., Zeeshan, N., Khan, M. R., Rashid, U., **Ashraf, N.M** & Alam, S. (2021). RNA interference-mediated knockdown of odorant-binding protein 2 and MP58 gene causes mortality in *Myzus persicae*. *International Journal of Tropical Insect Science*, 1-12.
5. Bhat, M. A., Al-Omar, M. A., Alsaif, N. A., Almehizia, A. A., Naglah, A. M., Razak, S., ... & **Ashraf, N. M.** (2020). Novel sulindac derivatives: synthesis, characterisation, evaluation of antioxidant, analgesic, anti-inflammatory, ulcerogenic and COX-2 inhibition activity. *Journal of enzyme inhibition and medicinal chemistry*, 35(1), 921-934.
6. Mahmood, M. S., Irshad, S., Butt, T. A., Batool, H., Batool, S., & **Ashraf, N. M\***. (2020). In-silico analysis of deleterious missense SNPs of human TYR gene associated with oculocutaneous albinism type 1 (OCA1). *Meta Gene*, 24, 100674.
7. Batool, H., Mushtaq, N., Batool, S., Ullah, F. I., Hamid, A., Ali, M., ... & **Ashraf, N. M\***. (2020). Identification of the potential type 2 diabetes susceptibility genetic elements in South Asian populations. *Meta Gene*, 26, 100771.
8. **Ashraf, N. M.**, Krishnagopal, A., Hussain, A., Kastner, D., Sayed, A. M. M., Mok, Y. K., ... & Zeeshan, N. (2019). Engineering of serine protease for improved thermostability and catalytic activity using rational design. *International journal of biological macromolecules*, 126, 229-237.
9. Mahboob, M. Z., Hamid, A., Mushtaq, N., Batool, S., Batool, H., Zeeshan, N., ... & **Ashraf, N. M\***. (2019). Data-mining approach for screening of rare genetic elements associated with predisposition of prostate cancer in South-Asian populations. *Turkish Journal of Biochemistry*, 44(6), 848-854.
10. Mahmood, M. S., Asad-Ullah, M., Batool, H., Batool, S., & **Ashraf, N. M\***. (2019). Prediction of epitopes of *Neisseria Gonorrhoeae* against USA human leukocyte antigen background: an immunoinformatic approach towards development of future vaccines for USA population. *Molecular and cellular probes*, 43, 40-44.
11. **Ashraf, N. M\***, Imran, K., Kastner, D. W., Ikram, K., Mushtaq, A., Hussain, A., & Zeeshan, N. (2017). Potential involvement of mi-RNA 574-3p in progression of prostate cancer: A bioinformatic study. *Molecular and cellular probes*, 36, 21-28.
12. Mukhtar, N., Mehmood, R., Khan, S. H., **Ashraf, N. M.**, & Mirza, M. W. (2017). Effect of Psyllium Husk Fiber on Growth Performance, Egg Quality Traits and Lipid Profile in Layers under High Ambient Temperature. *J. World Poult. Res*, 7, 15-22.
13. **Ashraf, N. M\***, Bilal, M., Mahmood, M. S., Hussain, A., & Mehboob, M. Z. (2016). In-silico analysis of putative HCV epitopes against Pakistani human leukocyte antigen background: An approach towards development of future vaccines for Pakistani population. *Infection, Genetics and Evolution*, 43, 58-66.
14. Ansar, M., Santos-Cortez, R. L. P., Saqib, M. A. N., Zulfiqar, F., Lee, K., **Ashraf, N. M.**, ... & Leal, S. M. (2015). Mutation of ATF6 causes autosomal recessive achromatopsia. *Human genetics*, 134(9), 941-950.

15. Nawaz, M., Camussi, G., Valadi, H., Nazarenko, I., Ekström, K., Wang, X., **Ashraf N.M.** & Kislinger, T. (2014). The emerging role of extracellular vesicles as biomarkers for urogenital cancers. *Nature Reviews Urology*, 11(12), 688-701. (Equal Contribution)
16. Khan, S. H., Anjum, M. A., Parveen, A., Khawaja, T., & **Ashraf, N. M.** (2013). Effects of black cumin seed (*Nigella sativa* L.) on performance and immune system in newly evolved crossbred laying hens. *Veterinary Quarterly*, 33(1), 13-19.