

## ***Publications:***

### **Technology/Process development publication**

1. **Ghani MU**, Sabar MF, Awan FI. WS21.03 Low-cost chain termination DNA sequencing PCR reaction to diagnose CFTR gene mutations. Journal of Cystic Fibrosis. 2022;21:S41-S2.
2. **Ghani MU**, Sabar MF, Akram M. Smart approach for cost-effective genotyping of single nucleotide polymorphisms. Kuwait Journal of Science. 2021;48(2):1-11.

### **Research Articles**

3. **Ghani MU**, Farooq Sabar M, Shahid M, Akram M, Anwar B, Anwar MB. Snp Variants of IL-27 Gene as Genomic Predictors against Effectiveness of Vitamin-D Therapy in Copd Patients. Chest. 2021;160(4):A1453.
4. Aslam R, Shahid M, Bano I, Ayoub M, Sabar MF, Altaf S, **Ghani MU**, et al. Major histocompatibility complex class II polymorphic variants are associated with asthma predisposition in the Punjabi population of Lahore, Pakistan. Clin Respir J. 2021;15(4):374-81.
5. Khan MU, Sabar MF, Baig AA, Naqvi A-u-N, **Ghani MU**. Forensic and Genetic Characterization of mtDNA Lineages of Shin, a Unique Ethnic Group in Pakistan. Pakistan Journal of Zoology. 2020;53(1):133-41.
6. Naeem F, Sabar MF, **Ghani MU**, Ain Q, Zafar QUA. Identification of Diagnostic and Therapeutic Target Genes to Address Asthma Disease in Pakistan. Chest. 2020;157(6):A213.
7. Sabar MF, **Ghani MU**, Ramzan K, Hussain M. Whole Exome Sequencing Identifies the Asthma Susceptible Variants in the Punjab Province of Pakistan. Chest. 2020;157(6):A17.
8. **Ghani MU**, Sabar MF, Bano I, Shahid M, Akram M, Khalid I, et al. Evaluation of ADAM33 gene's single nucleotide polymorphism variants against asthma and the unique pattern of inheritance in Northern and Central Punjab, Pakistan. Saudi Med J. 2019;40(8):774-80.
9. Shahid M, Tayyab U, Kousar S, **Ghani MU**, Sabar MF, Husnain T. Rs153109 as Possible Indicator of Effectiveness of Vitamin D Supplements for Suppressing Copd Symptoms. Chest. 2019;155(4):219A.
10. **Ghani MU**, Sabar MF, Bano I, Shahid M, Akram M, Khalid I, et al. Inheritance Pattern of Rs2280089, Rs2280090, Rs2280091 Snp Variants in Punjabi Population and Association with Asthma Disease. Chest. 2019;155(4):168A.
11. Sabar MF, Akram M, Awan FI, **Ghani MU**, Shahid M, Iqbal Z, et al. Awareness of Asthma Genetics in Pakistan: A Review with Some Recommendations. Advancements in Life Sciences. 2018;6(1):1-10.
12. Sabar MF, Shahid M, Bano I, **Ghani MU**, Akram M, Iqbal F, et al. rs12603332 is associated with male asthma patients specifically in urban areas of Lahore, Pakistan. The Journal of asthma. 2017;54(9):887-92.
13. **Ghani MU**, Sabar MF, Shahid M, Awan FI, Akram M. A report on asthma genetics studies in Pakistani population. Advancements in Life Sciences. 2017;4(2):33-8.
14. Sabar MF, **Ghani MU**, Shahid M, Sumrin A, Ali A, Akram M, et al. Genetic variants of ADAM33 are associated with asthma susceptibility in the Punjabi population of Pakistan. The Journal of asthma. 2016;53(4):341-8.
15. Shahid M, Sabar MF, Bano I, Rahman Z, Iqbal Z, Fatim Ali SS, **Ghani MU**, et al. Sequence variants on 17q21 are associated with the susceptibility of asthma in the population of Lahore, Pakistan. The Journal of asthma. 2015;52(8):777-84.
16. Sabar MF, **Ghani MU**, Shahid M, Sumrin A, Ali A, Akram M, et al. Genetic association of ADAM33'S SNP variants with asthma in the population of Lahore region, Pakistan. Asian Journal of Agriculture and Biology. 2015;03(Special Issue-2015 ):57.
17. Sabar MF, Awan FI, **Ghani MU**, Shahid M, Yaqub M. Synthesis and bioactivity study of 30KDa linear PEG-interferon and its comparison with tri-branched PEG-interferon. Journal of the Chemical Society of Pakistan. 2013;35(1):119-24.
18. Sabar MF, Yaqub M, Khan MA, Ahmad N, **Ghani MU**, Shahid M. Synthesis of a New Tri-Branched PEG-IFN $\alpha$ 2 and Its Impact on Anti Viral Bioactivity. International Journal of Peptide Research and Therapeutics. 2010;16(4):239-45.