

1. Khan, A., Khan, H., Mehwish, F., **Alam, O.**, Khan, M.I., Ullah, A., Atiq, S. and Ahmad, M., 2023. MicroRNAs: The next generation of cancer biomarkers. *Biomedical Letters*, 9(2), pp.96-112.
2. **Alam, O.**, Ahmad, M., Qureshi, M., Gul, M., Khan, N., Samad, A., Khan, Z., Atiq, S., Iqbal, A. and Ullah, A., 2023. Unraveling COVID-19: A Global Health Crisis and Ongoing Research: COVID-19: A Global Health Crisis. *Futuristic Biotechnology*, pp.10-18.
3. **Alam, O.**, Khan, S., Nadir, S., Khan, A., Husain, M., Ahmad, M., Ullah, A. and Atiq, S., 2024. Unleashing *Aspergillus niger*: Transforming Rubber Waste into Eco-Friendly Solutions. *PSM Biological Research*, 9(1), pp.9-29.
4. **Alam, O.**, Khan, N. and Ullah, A. (2023) "Unlocking Rare Diseases Genetics: Insights from Genome-Wide Association Studies and Single Nucleotide Polymorphisms", *International Journal of Molecular Microbiology*, 7(1), pp. 1–28
5. **Alam, O.**, 2023. In Silico Analysis of SOS Family in Areca palm (*Areca catechu*. L).
6. Genome-wide identification and Expression Analysis of the *Dof* gene family in Pitaya (*Selenicereus undatus*) under abiotic stresses (**Under Review in Functional Biology**).
7. Genome-wide identification and Expression Pattern of the *GRAS* Gene Family in Areca palm (*Areca catechu*. L) under biotic and abiotic stresses (**Under Review in MDPI Biology**).
8. In Silico Analysis of *HSP70* Gene in Areca palm (*Areca catechu*. L) (**Under Review in Plant Stress**).
9. *Astragalus grahamianus* extract: A novel source of bioactive compounds with antioxidant, anti-diabetic, and neuroprotective activities **Under Review in Journal of Tropical Conservation Science**
10. Impact of High Tropospheric Ozone and Nitrogen Concentration on Total Protein and Chlorophyll Content of *Pinus roxburghii* **Under Review in Pakistan Journal of Agriculture Sciences**
11. In silico analysis of Heat Shock Protein 70 in *Nymphaea colorata* (Water Lily) **Accepted in Futuristic Journal**
12. INFLUENCE OF VARIANTS MUTATIONS ON THE PROGRESSION AND OUTCOME OF COVID-19 IN PAKISTAN **Accepted in Liaquat Medical Research Journal**
13. Potato Late Blight Disease in Pakistan: Prevalence and Control Perspectives **Accepted in Diet Factor Journal**