

## PUBLICATIONS:

1. Khan, F., Wu, X., Matzkin, G. L., Khan, M. A., Sakai, F., & Vidal, J. E. (2016). Streptococcus pneumoniae Eradicates Preformed Staphylococcus aureus Biofilms through a Mechanism Requiring Physical Contact. *Frontiers in Cellular and Infection Microbiology* ( Impact Factor 5.2) *Microbiology*, DOI=10.3389/fcimb.2016.00104 ( Impact Factor 1.42)
2. Bashir, H., **Ahmed, N\***, Khan, M.A., Zafar, A.U., Tahir, S., Khan, F., Khan, M; Husnain, T. ( 2015). Simple procedure applying lactose induction and one step purification for high yield production of rhcIFN. *Biotechnology and Applied Biochemistry*. <http://dx.doi.org/10.1002/bab.1426>. ( Impact Factor 1.42)
3. **Ahmed, N\***, Bashir, H., Zafar, A. U., Khan, M. A., Tahir, S., Khan, F., & Husnain, T. (2015). Optimization of conditions for high-level expression and purification of human recombinant consensus interferon (rh-cIFN) and its characterization. *Biotechnology and Applied biochemistry*. DOI:10.1002/bab.1320 ( Impact Factor 1.687)
4. Ahmed, N., Zafar, A. U., **Khan, M. A.**, Tahir, S., Khan, M. I., Bashir, H., & Husnain, T. (2014). Matrix-assisted refolding and purification of placenta-derived recombinant human interleukin-6 produced in Escherichia coli. *Biotechnology and applied biochemistry*, *61*(5), 541-548. (Impact Factor 1.687)
5. **Khan, M. A.**, Khan, F., Ahmad, N., Khan, M. I., Zafar, A. U., & Husnain, T. (2014). Expression line approach to recombinant human epidermal growth factor into the yeast, *Pichia pastoris* from Huh-7 cell line. *Molecular biology reports*, *41*(3), 1445-1451. (Impact Factor 2.024)
6. **Khan, M. A.**, Hassan, N., Ahmad, N., Khan, M. I., Zafar, A. U., Khan, F., & Husnain, T. (2014). Studies to analyse the relationship between IFN $\alpha$ 2b gene dosage and its expression, using a *Pichia pastoris*-based expression system. *Yeast*, *31*(1), 13-28. (Impact Factor 1.742)
7. Farooq, A. M., Nasir, I. A., Tabassum, B., Tariq, M., Rahman, Z., Qamar, Z., **Khan, M. A.**, Ahmad, N., Haider, M. S., Javed, M. A. and Husnain, T Nasir, & Husnain, T. (2012). Development and comparative studies of double cross tomato hybrids. *African Journal of Agricultural Research*, *7*(37), 5259-5264 (Impact Factor 0.26)
8. Jamal, A., Nasir, I. A., Tabassum, B., Tariq, M., Farooq, A. M., Qamar, Z., **Khan, M. A.**, Ahmed N., Muhammad, S., Haider, M.S., Javed, M.A., & Husnain, T. (2012). Molecular characterization of capsid protein gene of potato virus X from Pakistan. *African Journal of Biotechnology*, *11*(74), 13854-13857. (Impact Factor 0.573)
9. Ahmed, N., **Khan, M. A.**, Shahid, N., Nasir, I. A., & Zafar, A. U. (2011). One step purification of biological active human interleukin-2 protein produced in yeast (*Pichia Pastoris*). *African Journal of Biotechnology*, *10*(67), 15170-15178. (Impact Factor 0.573)
10. **Khan, M. A.**, Ahmad, N., Zafar, A. U., Nasir, I. A., & Qadir, M. A. (2011). Isolation and screening of alkaline protease producing bacteria and physio-chemical characterization of the enzyme. *African Journal of Biotechnology*, *10*(33), 6203-6212.( Impact Factor 0.573)
11. Sabar, M. F., Yaqub, M., **Khan, M. A.**, Ahmad, N., Ghani, M. U., & Shahid, M. (2010). Synthesis of a new tri-branched PEG-IFN $\alpha$ 2 and its impact on anti viral bioactivity. *International Journal of Peptide Research and Therapeutics*, *16*(4), 239-245. (Impact Factor 0.905)
12. Rafiq, M., Fatima, T., Husnain, T., Bashir, K., **Khan, M. A.**, & Riazuddin, S. (2006). Regeneration and transformation of an elite inbred line of maize (*Zea mays* L.), with a gene from *Bacillus thuringiensis*. *South African Journal of Botany*, *72*(3), 460-466. (Impact Factor 0.978)
13. **Khan, M. A.**, Makhdoom, R., Husnain, T., Saleem, M. Z., Malik, K., Latif, Z., & Riazuddin, S. (2001). Expression of Bt gene in a dicot plant under promoter derived from a monocot plant. *Pakistan J Biol Sci*, *4*, 1518-1522 .