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## RESEARCH PUBLICATIONS:

1. **Ahmed A.** and Sabri A.N., 2004. Effect of varying temperature on growth, morphology and soluble protein content of *div I* and *div II* mutant strains of *Bacillus subtilis*. *Science International*. 16 (1): 43-52.
2. **Ahmed A.**, Sabri A.N. and Hasnain, S., 2008. Effect of varying temperature on growth, morphology and soluble protein content of *div IV* and *div V* mutant strains of *Bacillus subtilis*. *African Journal of Biotechnology*. 7 (10): 1505-1511.
3. **Ahmed A.** and Hasnain S. 2010. Auxin producing *Bacillus* sp.: Auxin quantification and effect on the growth *Solanum tuberosum*” *Pure and Applied Chemistry*. 82 (1): 313-319.
4. **Ahmed A.** and Hasnain S. 2014. Auxins as one of the factors of plant growth improvement by plant growth promoting rhizobacteria. *Polish Journal of Microbiology*. 63(3): 261-266
5. Naseem S., Yasin M., **Ahmed A.** and Faisal M. 2015. Chromium Accumulation and Toxicity in Corn (*Zea mays* L.) Seedlings. *Polish Journal of Environmental Studies*. 24 (2): 899-904
6. Fatima H. and **Ahmed A.** 2016. How chromium-resistant bacteria can improve corn growth in chromium contaminated growing medium. *Polish Journal of Environmental Studies*, 25(6): 2357-2365
7. Jabeen F., **Ahmed A.** and Hasnain S. 2008. Abstract entitled “ Impact of varying concentration of plant growth regulators on callogenesis and organogenesis in *Celosia* sp.” published in the proceedings of 1<sup>st</sup> Symposium of Microbiology and Molecular Genetics entitled “Genomics, Proteomics, Metabolomics: Recent Trends in Biotechnology”, Department of Microbiology and Molecular Genetics, University of the Punjab. Pg 307- 308.
8. **Ahmed A.** and Hasnain S. 2008 Auxin producing *Bacillus* sp.: Auxin quantification and effect on the growth of *Solanum tuberosum*. *Journal of Biotechnology*. 136S: pp S113
9. Wagi S. and **Ahmed A.** 2016. A report on the quality assessment of preserved fruit juices: microbial and biochemical analysis. *Science International*. 28 (2): 2053-2057.
10. Naseem S., Yasin M., Faisal M and **Ahmed A.** 2016. Comparative study of plant growth promoting bacteria in minimizing toxic effects of chromium on growth and metabolic activities in wheat (*Triticum aestivum*). *Journal of Chemical Society of Pakistan*, 38 (3): 509-516.
11. Aslam T. and **Ahmed A.** 2016. Growth improvement studies in *Brassica rapa*. *Journal of Bacteriology and Mycology: Open access*. 3(3): 00062
12. Arshad Q. and **Ahmed A.** 2017. Chromium-resistant PGPB: growth stimulatory impact on *Vigna radiata* L. under chromium stress. *Romanian Biotechnology Letters*. 22(5): 12988-12996
13. Wagi S. and **Ahmed A.** 2017. Phyllospheric plant growth promoting bacteria. *Journal of Bacteriology and Mycology: Open access*. 5(1): 00119
14. Karamat M. and **Ahmed A.** 2018. Impact of *Arthrobacter mysorens*, *Kushneria avicenniae*, *Halomonas* spp., and *Bacillus* sp. on *Helianthus annuus* L. for growth enhancement. *Journal of Animal and Plant Sciences*. 28(6) (Accepted)
15. Habib S, Fatima H and **Ahmed A.** 2019. Comparative analysis of pregermination and post-germination inoculation treatments of *Zeamays* L. to mitigate chromium toxicity in Cr-contaminated soils. *Polish Journal of Environmental Studies*, 28(2)  
[DOI: 10.15244/pjoes/81570] (Accepted)

16. Aslam T. and **Ahmed A.** 2018. Lead-tolerant bacteria can minimize lead toxicity in plants. *RADS Journal of Biological Research and Applied Sciences*. 9 (1): 06-12  
(Accepted)
17. Fatima H. and **Ahmed A.** 2018. Heavy metal pollution-A mini review. *Journal of Bacteriology and Mycology: Open access*. 6(3):179-181