

Publications:

1. **Batool, R.** and Hasnain, S. 2005. Growth Stimulatory Effects of *Enterobacter* and *Serratia* isolated from biofilms on plant growth and soil aggregation. *Biotechnology* 4(4): 347-353.
2. Javed, S., **Batool, R.**, Sabri, A. N., and Hasnain, S. 2004: Isolation of *Pseudomonas sp.* from different biofilms: effect of mono & mixed culturing on plant growth promotion & soil aggregation. *Science International (Lahore)* 16(3): 215-221. (HEC Pakistan recognized; Z category)
3. **Batool, R.**, Yrjälä, K. and Hasnain, S. 2012. Hexavalent chromium reduction by bacteria from tannery effluent. *Journal of Microbiology and Biotechnology*, 22 (4), 547–554. **(I.F: 1.32)**
4. Naeem, A., **Batool, R.**, and Jamil, N. 2013. Cr(VI) reduction by *Cellulosimicrobium sp.* isolated from tannery effluent. *Turkish journal of Biology* 37 (3): 315-322. **(I.F: 1.216)**.
5. **Batool, R.**, Komal Q. and Naeem, A. 2014. Comparative study of Cr(VI) removal by *Exiguobacterium sp.* in free and immobilized forms. *Bioremediation Journal* 18: 317–327. **(I.F: 0.714)**
6. **Batool, R.**, and Hasnain, S. 2014. Cr (VI) removal by indigenous bacteria in conjunction with different biowaste materials: an ecofriendly approach. *Journal of the Chilean Chemical Society*, 59 (3), 2582-2587. **(I.F: 0.469)**.
7. **Batool, R.**, Yrjälä, K. and Hasnain, S. 2014. Impact of environmental stress on biochemical parameters of bacteria reducing chromium. *Brazilian Journal of Microbiology* 45 (2), 573-583. **(I.F: 0.592)**
8. **Batool, R.**, Yrjälä, K. and Hasnain, S. 2015 Alleviation of phyto-toxic effects of chromium by inoculation of chromium (VI) reducing *Pseudomonas aeruginosa* Rb-1 and *Ochrobacterum intermedium* Rb-2 *International Journal of Agriculture and Biology* 17: 21-30. **(I.F: 0.902)**.
9. **Batool, R.**, Yrjälä, K. and Hasnain, S. 2015. Study on cellular changes and potential endotrophy of wheat roots due to colonization of Chromium reducing bacteria. *International Journal of Environmental Science and Technology*, 12(10): 3263-3272. DOI 10.1007/s13762-015-0757-6. **(I.F: 2.190)**.
10. **Batool, R.**, Yrjälä, K., Shaukat, K., Jamil, N. and Hasnain, S. 2015. Production of EPS under Cr(VI) challenge in two indigenous bacteria isolated from a tannery effluent. *Journal of Basic Microbiology*, 55(9):1064-1074. DOI: 10.1002/jobm.201400885 **(I.F: 1.822)**.
11. Abdirahman A. and **Batool, R.** 2016. Evaluation of bioactivity and preliminary phytochemical investigation of herbal plants against ampicillin resistant bacteria. *Journal of Basic and Applied Sciences*, 12: 109-117. DOI 10.6000/1927-5129.2016.12.17 (HEC Pakistan recognized; Y category).
12. Phytochemical screening and antibacterial potential of *Artemisia absinthium L.*, *Swertia chirayita* and *Sphaeranthus indicus*. *Pakistan Journal of Pharmaceutical Sciences*. (Accepted) **(I.F: 0.682)**