Department of Microbiology, SBSPGI

Papers in Journals

1 Kumar, V., Bisht G. R. S. and Gusain O. P. 2013. Terrestrial actinomycetes from diverse locations of Uttarakhand, India: Isolation and screening for their antibacterial activity. *Iranian J Microbiol.* **5 (3)** :299-308

2 Awasthi A. K., Kishore K., Bisht G. R. S., Awasthi, S. 2013. *In vitro* Antibacterial and Antifungal Activity of *Carissa opaca* Stapf ex Haines. *Int J Curr Pharm Res.* **5 (3):** 15-18

3 Mundepi, U., Kumar**,** Vijay, Gupta, S., Bisht G. R. S., Garg, F. C. and Gupta V. K. 2013. Evaluation of anticandidal potential of some folklore plants. *Proc. National Academy of Sciences, India Series B Biological Sciences*,

4 Choudhary, S., Agarwal S., Kumar, P., Aggarwal, S. K. and Garg, F. C. 2014 Prevalence of high level aminoglycoside resistance of enterococci in various clinical specimens from a tertiary care hospital of North Delhi. *Intl. J. Scientific Res.* **3:** 305 – 307

5 Agarwal, M., Garg, F. C. and Negi, Y. K. 2014. Antibiotic resistance and plasmid profile of *Leuconostoc* spp. isolated from carrot. *J Bacteriol Res.* **6(1):**7-12.

6 Ramachandran R., Ghosh A., Chalasani, Thakur, *R. L.* and Roy, Utpal. 2014. A *Broad-Spectrum Antimicrobial* Activity of *Bacillus subtilis RLID* 12.1. *Scientific World Journal*. doi: 10.1155/2014/968487.

7 Sharma V., Kamal, Barkha, Srivastava, N., Dobriyal A. K. and Jadon, V. S. 2013. Effect of additives in shoot multiplication and genetic variation in *Swertia chirayita* revealed through RAPD analysis**.** *Plant Tissue Cult. & Biotech*. **23(1):**11-19

8 Sharma V., Kamal, Barkh., Srivastava N., Dobriyal A. K. and. Jadon, V. S. 2014..*In Vitro* flower induction from shoots regenerated from cultured axillary buds of endangered medicinal herb *Swertia chirayita* H. Karst. *Biotechnol Res Intl*. Article ID 264690 (1-5).

9 Sharma, V., Srivastava N., Kamal, Barkha, Dobriyal A. K. and Jadon, V. S. 2014. Efficient sterilization protocols for different explants of an endangered medicinal herbs *Swertia chirayita*. *Trends in Life Sciences*. **3(1)**:5-9.

10 Giri R. and Dudeja S. S. 2014. Beneficial properties, colonization, establishment and molecular diversity of endophytic bacteria in legumes and non-legumes. *African J. Microbiological Res.* 8(15): 1562-1572

11 Kumar, V., Niche, B., Gusain, O. and Bisht, G.R.S. (2014). An actinomycete isolate having strong antibacterial activity and kills the Candida cells by cytosolic loss from solitary waist mudnest. Frontiers in Microbiology. 5: 446-61 IMPACT FACTOR: 3.9

12 Vikas Sharma, Barkha Kamal, Nidhi Srivastava, Yogesh Negi, A.K. Dobriyal and V.S. Jadon. (2015).Enhancement of in vitro growth of Swertia chirayita Roxb. Ex Fleming co-cultured

with plant growth promoting rhizobacteria. Plant Cell, Tissue and Organ Culture .Journal of Plant Biotechnology. ISSN 0167-6857.DOI 10.1007/s11240-014-0696. Volume 120 (1). IMPACT FACTOR: 2.03