

Department of Microbiology

Publications of the faculty members in the year 2016

Dr. Avijit Pramanik

1. Deeksha Sharma, Avijit Pramanik, Pavan Kumar Agrawal. Evaluation of bioactive secondary metabolites from endophytic fungus *Pestalotiopsis neglecta* BAB-5510 isolated from leaves of *Cupressus torulosa* D. Don. 3 Biotech. 2016. 6: 210-224.

Dr. Puja Yadav

1. Montealegre MC, Singh KV Somarajan SR , Yadav P , Chang C , Spencer R, Sillanpää J, Ton-That H, Murray BE. Role of the Emp Pilus Subunits of *Enterococcus faecium* in Biofilm Formation, Adherence to Host Extracellular Matrix Components and Experimental Infection. *Infection and Immunity*. 2016; 22;84(5):1491-500.
2. Yadav P, Owiti N, Kim N. Transcription linked orientation bias in RNA:DNA hybrid accumulation correlates with the orientation bias in genome instability associated with a guanine rich sequence. *Nucleic Acid Research*. 2016 29;44(2):718-729.

Dr. Jitendra Kumar Saini

1. A. Satlewal, J.K. Saini, R. Agrawal, A. Mathur, D.K. Tuli, M. Adsul. GHG emission and GHG savings by biofuels: Comparative assessment with world. Sustainable biofuels development in India: an inevitable option to strengthening energy security. 2016

Dr. Vinod Yadav

1. Dakal TC, Kumar A, Majumdar RS and Yadav V. Mechanistic Basis of Antimicrobial Actions of Silver Nanoparticles. *Front. Microbiol.* 2016 7:1831. doi: 10.3389/fmicb.2016.01831
2. Gujar Ravinder, Maurya Neeraj, Yadav Vinod et al., c-Src Suppresses Dendritic Cell Antitumor Activity via T cell Ig and Mucin Protein-3 Receptor. *J Immunol.* 2016 197:1650-1662
3. Bhattacharya D, Dwivedi VP, Mona, Yadav Vinod and Das Gobardhan., Understanding the Role of Mesenchymal Stem Cells in Infectious Diseases: Focus on Tuberculosis, Malaria, Sepsis and HIV. *Electronic J Biol.* 2016 12:3