

Department of Biotechnology

Research Paper :

1. S Gupta, KK Chaubey, SV Singh, AK Bhatia, N Kumar, A Goel, TK Sachan, KD Rawat, JS Sohal, K Dhama (2015) Immunoreactivity to culture filtrate proteins of *Mycobacterium avium* subspecies paratuberculosis in naturally infected goat and sheep sera. *Adv. Anim. Vet. Sci.*, 3(6): 347-353.
2. Ritesh Kumar Sharma, Anjana Goel and A. K. Bhatia (2016) Anti typhoid activity and Phytochemical screening of different extracts of *L. inermis* plant leaves. *Int. J. of current Research*, 8(8): 37539-42.
3. Sujan Jayaraman, Mukta Jain, Huldeep Dhama, SV Singh, Manali Datta, Neelam Jain, KK Chaubey, S Gupta, GK Aseri, Neeraj Khare, Parul Yadav and JS Sohal (2016) DIVA Technology: Indispensable tool for the control of Johne's Disease. *Journal of Experimental Biology and Agricultural Sciences*, 4(1): 16-25.
4. Kaizar Hossain, Sarita Yadav, Shlrene Quaik, Gaurav Pant, A. Y. Maruthi and Norli Ismail (2016) Vulnerabilities of macrophytes distribution due to climate change. *Theoretical and Applied Climatology*, 8(1): 1-10.
5. Mamta Singh, Gaurav Pant, Kaizar Hossain and A. K. Bhatia (2016) Green remediation. Tool for safe and sustainable environment: a review. *Applied Water Science*, 7(6): 1-7.
6. Vishal Khandelwal, Ashok Kumar Bhatia and Anjana Goel (2016) Antimicrobial and Antioxidant Efficacy of Aqueous Extract of *Anthocephalus cadamba* Leaves. *Journal of Pure and Applied Microbiology*, 10(1): 209-216.
7. Kundan Kumar Chaubey, Shoor Vir Singh, Saurabh Gupta, M K Singh, A K Bhatia and Kuldeep Dhama (2017) *Mycobacterium avium* subsp. Paratuberculosis -an important food borne pathogen of high public health significance with special reference to India: an update. *Veterinary Quarterly*, 37(1): 282-299.
8. Tripti Singh, Neha Drivastava, A. K. Bhatia and P. K. Mishra (2017) Analytical study of effective biodegradation of p-cresol using *Serratia marcescens* ABH1001: applications in bioremediation. *3 Biotech*, 338: 1-8.
9. Saurabh Gupta, Shoor Vir Singh, K Gururaj, K. K. Chaubey, M. Singh, B Lahiri, P Agrawal, A. Kumar, J. Mistri, Z. Hemanti and A. K. Bhatia (2017) Comparison of IS900 PCR with 'Taqman probe PCR' and 'SYBR green real time PCR' assays in patients with thyroid disorder and sero-positive for *Mycobacterium avium* subspecies paratuberculosis. *Indian Journal of Biotechnology*, 16(2): 228-234.
10. Saurabh Gupta, Shoor Vir Singh and A. K. Bhatia (2017) Revisited immune reactivity between native semi-purified protoplasmic (caprine) versus commercial purified protoplasmic (bivine) antigens for the screening of goat herds endemic for Johne's disease. *Indian Journal of Biotechnology*, 16(1): 22-29.
11. Ritesh Kumar Sharma and Anjana Goel (2017) Determination of nontoxic dose of different fractions of *Lawsonia inermis* leaves in albino rats on the basis of hematological and biochemical parameters. *International J. of Pharmaceutical science and Research*, 8(10): 4239-4244.
12. Alok Bharadwaj and Nitin Wahi (2017) Combating antibiotic resistance through probiotics. *Current trends in microbiology*, 11(1): 33-41.
13. Aditya Saxena, Anjana Goel and Ashok Kumar Bhatia (2017) RNA-seq reveals mode of action of highly diluted preparation of *Nux vomica* in experimental epilepsy. *Current Topics in Pharmacology*, 21(1): 109-116.

14. Surbhi Agrawal, Suresh Dinker Kharche and Ashok Kumar Bhatia (2017) Study of TALP and TRIS citrate medium on Caprine sperm capacitation and subsequent invitro embryo production. *Iranian J. of Vet research*, 18(4): 275-278.
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19. Sachin Digambar Audarya, Manju Singh, Bjorn John Stephen, Sahzad, Kundan Kumar Chaubey, Saurabh Gupta, Anjali Pachoori, Sujata Jayaraman, Gajendra Kumar Aseri, Jagdip Singh Sohal, Ashok Kumar Bhatia and Shoor Vir Singh (2018) Status of Johne's Disease in Buffalo Population of Malwa Region Using Goat Based Indigenous Elisa Kit. *Buffalo Bulletin*, 37(1): 9-16.

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