

## RESEARCH PUBLICATIONS

1. Richa Bhatnager, Smiti Nanda and **Amita Suneja Dang** (2018). Plasma prolidase levels as a biomarker for PCOS. *Biomarker in medicine* (accepted) **(I.F:2.02)**
2. Richa Bhatnager, Smiti Nanda and **Amita Suneja Dang** (2018). The role of rs267606943 polymorphism and prolidase in polycystic ovary syndrome. *British Journal of Biomedical Science*, 2018 <https://doi.org/10.1080/09674845.2018.1455489> .**(I.F: 1.87)**
3. Ritu Deswal, Smiti Nanda and **Amita Suneja Dang** (2018). Unveiling the association between Vitamin D Receptor and Poly Cystic Ovary Syndrome-a systematic review and meta-analysis. *International journal of Vitamin and nutrition research* (accepted) **(I.F:1.127)**
4. Ritu Deswal, Arun Yadav and **Amita Suneja Dang** (2018). Sex hormone binding globulin-an important biomarker for predicting PCOS risk: A systematic review and meta-analysis. *Systems biology in reproductive medicine*, 64(1), 12-24. **(I.F:1.204)**
5. Richa, Ranjeet, Twinkle and **Amita S Dang** (2017). Computational prediction of damage associated Nonsynonymous SNPs of CYP17A1 and CYP19A1 gene *Int J Trends in Scientific research and development*. 1(6).
6. Poonam , Rahul Khatri , **Hari Mohan** , Minakshi and Pundir CS. 2017. Etiology, Epidemiology, Pathogenesis and Diagnosis of Marek's Disease in Chickens: A Mini review. *Journal of Veterinary Science & Medical Diagnosis*. 6:4
7. Minakshi P, Basanti Brar, Sunderisen K, Jiju V Thomas , Savi J, Iqbal, Koushlesh Ranjan, Upendera Lambe, Madhusudan Guray, Nitish Bansal, Pawan Kumar, Vinay G Joshi, Rahul Khatri, **Hari Mohan**, C S Pundir, Sandip Kumar Khurana and Gaya Prasad. 2016. Canine Parvovirus – An insight in to diagnostic aspect. *Journal Of Experimental Biology And Agricultural Sciences* 14(3S): 279-290.
8. Sharma R, Sharma A, Kumar A, Dube M, **Gakhar S K** (2016). Population genetic structure of urban malaria vector *Anopheles stephensi* in India. *Infection, Genetics and Evolution*. 39, 35–44 **(I.F. – 2.5)**
9. Richa Bhatnager , Smiti Nanda and **Amita Suneja Dang**.(2016).Increased Prolidase Level and Altered Hormonal Profile in Women with Poly Cystic Ovarian Syndrome. *Int. J Biotech and Biomed Sci*. Volume 2, Issue 2; 103-106
10. Vandana Saini, Sween, Vishal, **Amita S. Dang** and Ajit Kumar(2016).Molecular Dynamics and Docking Simulation Studies of Human Voltage Gated Sodium Channel against Neurotoxins.*J Drug Des Res*.3(1)1022.
11. Vandana Saini, Sakshi Piplani **Amita S. Dang** Ajit Kumar.(2016).CoMFA, CoMSIA and Docking Studies of Saquinavir Based Peptidomimetic Inhibitors of HIV-1 Protease.*Current Enzyme Inhibition* 12(2)161-169
12. Kajla M, Gupta K, Kakani P, Dhawan R, Choudhury T P, Gupta L, **Gakhar S K** and Kumar S (2015).Identification of an *Anopheles* Lineage-Specific Unique Heme Peroxidase HPX15: A Plausible Candidate for Arresting Malaria Parasite Development. *Journal of Phylogenetics & Evolutionary Biology*. 3:160. **(I.F. – 1.8)**
13. Chaudhary R, Singh B, Kumar M, **Gakhar S K**, Saini A K, Parmar V S (2015).Role of single nucleotide polymorphisms in pharmacogenomics and their association with human diseases. *Drug Metabolism Reviews*. 47(3) :281-290 **(I.F. – 4.5)**

14. Chahar P, Kaushik M, Gill S S, **Gakhar S K**, Gopalan N, Datt M, Sharma M, Gill R (2015). Genome-Wide Collation of the Plasmodium falciparum WDR Protein Superfamily Reveals Malarial Parasite-Specific Features. PLOS ONE. 10(6):1371. **(I.F. – 3.2)**
15. Singh N, Sreenivas V, Gupta K B, Chaudhary A, Mittal A, Varma-Basil M, Prasad R, **Gakhar SK**, Khuller G K, Mehta P K (2015). Diagnosis of pulmonary and extrapulmonary tuberculosis based on detection of mycobacterial antigen 85B by immuno-PCR. Diagnostic Microbiology and Infectious Disease. [83\(4\)](#):359–364 **(I.F. – 2.7)**
16. Singh N, Kumari A, **Gakhar S K**, Singh B (2015). Enhanced cost-effective phytase production by *Aspergillus niger* and its applicability in dephytinization of food ingredients. Microbiology. 84(2):219–226 **(I.F. – 2.9)**
17. Dhawan R, Gupta K, Kajla M, Kumar S, **Gakhar S K**, Kakani P, Choudhury T P, Gupta (2015). Molecular characterization of SOCS gene and its expression analysis on Plasmodium berghei infection in *Anopheles culicifacies*. [Acta Tropica](#). [152](#): 170–175. **(I.F. – 2.7)**
18. Sharma D, Lather M, Dykes CL, **Dang AS**, Adak T, Singh OP. (2015). Disagreement in genotyping results of drug resistance alleles of the Plasmodium falciparum dihydrofolate reductase (Pfdhfr) gene by allele-specific PCR (ASPCR) assays and Sanger sequencing. Parasitol. Res. DOI 10.1007/s00436-015-4750-2. **(I-F-2.098)**
19. Manila Lather, O.P Singh, **Amita S Dang** and T.Adak.(2015).Isolation and characterization of polymorphic microsatellite markers from malaria vector *Anopheles fluviatilis* (Diptera:Culicidae). J. Med. Entomol.52(3)408-412. **(I.F-1.953)**
20. Sharma D, Lather M, Mallick PK, **Dang AS**, Adak T, Valecha N, Singh OP. Polymorphism in drug resistance genes dihydrofolate reductase and dihydropteroate synthase in Plasmodium falciparum in some states of India. Parasites & Vectors . 8:471, DOI 10.1186/s13071-015-1080-2(2015). **(I.F-3.43)**
21. Sharma D, Lather M, Adak T, **Dang AS**. (2015).Allele-specific PCR (ASPCR) assays for the detection of mutations in dihydropteroate synthase gene of plasmodium falciparum are highly unreliable. Journal of international academic research for multidisciplinary (5).
22. Richa Bhatnager, Reena Rani and **Amita Suneja Dang**. (2015).Antibacterial activity of Ferula asafoetida: a comparison of red and white type. Journal of Applied Biology & Biotechnology.Vol. 3 (02), , March-April DOI: 10.7324/JABB.2015
23. Suneja P and **Dang A S**, 2014. Probiotics. Proceedings National Seminar “Next Generation Science: vision 2020 & Beyond”March 8,2014. Department of Zoology, Maharshi Dayanand University, Rohtak (Haryana)
24. **Dang A S** and Suneja P, 2014. Gut microbiota, major health concern: A Review Proceedings National Seminar “Next Generation Science: vision 2020 & Beyond ”March 8,2014. Department of Zoology, Maharshi Dayanand University, Rohtak (Haryana)
25. **Amita Suneja Dang and Ritu Deswal** (2014). Prevalence of Depression in Women with Polycystic Ovary Syndrome (PCOS) Research & Reviews: A Journal of Biotechnology Volume 4, Issue 311-16
26. **Amita S.Dang** and Ritu Deswal (2014).The Metabolic Syndrome - Time for addressal. J. of Health Research and reviews.vol.1 (3)59-65
27. Ritu Deswal, **Amita S. Dang** and Smiti Nanda(2014).Prevalence of Polycystic ovary syndrome(PCOS) in north Indian women Indian J of Health and wellbeing.5,Issue 6,742-744

28. **Hari Mohan**, Ray, P. and **Gakhar, S.K. (2014)** Genotypic Linkages Of Vp6 Gene Of Human Rotavirus Isolates Circulating In Pediatric Patients With Acute Gastroenteritis In Haryana And Comparison Of Antigenic Epitopes With Vaccine Strains. *Int. J. Curr. Res.* **6(10)**: 9129-9134.
29. **Hari Mohan** and Kharb, S. **(2014)** Human brucellosis: A silent but dreadful disease. *J Innov. Biol.* 1(3):163-167.
30. **Gakhar, S.K**, Neelam Sherawat. 2014. Mosquito Proteomics: Present and Future Prospective Research in Biotechnology. 5(4): 25-33 **(I.F. – 1.25)**
31. Kajla M, Kakani P, Choudhary T P, Gupta K, Dhawan R, **S K Gakhar**, Gupta L and Kumar S (2014). Characterization of Anopheline unique peroxidase and its role in the regulation of Plasmodium development. *Malaria Journal.* **13( 1)**: 49 **(I.F. – 3.3)**
32. Kumar A, Sharma A, Sharma R, **Gakhar S K (2014)**. Identification, characterization and analysis of expression of gene encoding carboxypeptidase A in *Anopheles culicifacies* A (Diptera: culicidae). [Acta Tropica](#). **139**:123–130 **(I.F. – 2.7)**
33. Singh D, Sharm K K, Jacob S, **Gakhar S K (2014)**. Molecular Docking of Laccase Protein from *Bacillus Safensis* DSKK5 Isolated from Earthworm gut: A Novel Method to Study dye Decolorization Potential. *J. Water, Air, & Soil Pollution.* 225: 2175 **(I.F. – 0.8)**
34. Sharma A, Deshmukh A, Sharma R, Kumar A, Mukherjee S, Chandra GC, **Gakhar SK (2014)**. Population genetic structure of malaria vector *Anopheles stephensi* using mitochondrial cytochrome oxidase II gene in Indian populations. *Indian Journal of Experimental Biology.* 52(10): 996-1002 **(I.F. – 1.1)**