

Annexure

Publications

1. **Singh P.**, Singh A., Shukla A.K., Singh L., Pande V., Nailwal T.K. Somatic Embryogenesis And In Vitro Regeneration Of An Endangered Medicinal Plant Sarpgandha (*Rauvolfia serpentina*. L). *Researcher*, 1(3), 2009, 46-53.
2. **Singh, P.**, Mishra, P., Verma, A.K., Srivastava, P., Sharma, S. Rath, S.K. The Protective Effect of Apigenin Against Lithocholic Acid-induced Oxidative Stress and Toxicity in Hepatic Cell Lines. *ATLA*, 39, 96, 2011 (IF-1.58).
3. Mishra S.K., **Singh P.**, Rath S.K. A study of toxicity and differential gene expression in murine liver following exposure to Antimalarial drugs: Amodiaquine and Sulfadoxine pyrimethamine. *Malar J.* 2011 May 2;10:109.PMID: 21529379. (IF-3.00)
4. Srivastava A.K., Singh P.K., **Singh P.**, Singh D., Bhatt M.L.B., Dalela D., Goel M.M., Gupta S., Negi M.P.S., Rath S.K. Clinical experience with UCA1 as a biomarker for non-muscular invasive bladder cancer. *Eur Urol Suppl* 2011; 10(2):74 (IF-2.37).
5. Singh P.K., Srivastava A.K., **Singh P.**, Singh D., Dalela D., Goel M.M., Gupta S., Negi M.P.S., Bhatt M.L.B, Rath S.K. Diagnostic and prognostic potential of CK20 gene expression in patients with transitional cell carcinoma of urinary bladder. *Eur J Cancer Suppl* 2011; 9(1):4-5 (IF-4.12).
6. Singh P.K., Srivastava A.K., **Singh P.**, Singh D., Dalela D., Goel M.M., Gupta S., Negi M.P.S., Bhatt M.L.B, Rath S.K. Clinical utility of survivin gene expression in patients with transitional-cell carcinoma of the urinary bladder. *Eur J Cancer Suppl* 2011; 9(1):14-15 (IF-4.12).

Proceedings

1. **Singh P.**, Singh A., Singh P.K., Srivastava A.K., Verma, A.K., Mishra, P., Rath S.K. Water and environment in Lucknow: related health issues. Global Touch11 ISBN Journal & Monograph, Cambridge Scholar Press, London, UK, July 8-9. (Accepted)
2. **Singh P.**, Singh P.K., Srivastava A.K., Maurya, S.K. Sharma S., Rath S.K. Apigenin protects against Lithocholic acid-induced liver injury and oxidative stress in mice, International Conference on Genomics and Proteomics- 2011 Conference Proceedings, July 14-16, 2011. (Accepted)
3. Srivastava A.K., Singh P.K., **Singh P.**, Nayak S., Dalela D., Goel M.M., Rath S.K., Bhatt M.L.B. Diagnostic ability of X-linked inhibitor of apoptosis (XIAP) in Urinary bladder cancer. International Conference on Genomics and Proteomics-2011 Conference Proceedings, July 14-16, 2011. (Accepted)
4. Srivastava A.K., Singh P.K., **Singh P.**, Nayak S., Pradhan N., Shukla R.K., Yadav D.K., Rath S.K., Bhatt M.L.B. Role of Molecular Biomarkers in Breast cancer: An Innovative

Idea. Global Touch11 ISBN Journal & Monograph, Cambridge Scholar Press, London, UK. (Accepted)

Manuscripts communicated

1. **Singh P.**, Mishra S.K., Noel S., Sharma S., Rath S.K. Apigenin induced hepatotoxicity in mice is oxidative stress mediated (*CDRI Communication no.-7612*).
2. **Singh P.**, Mitra A.K., Singh S.V. and Rath S.K. Flavonoids: A Toxicological perspective (*CDRI Communication no.-7564*).
3. Mishra S.K., Noel S., **Singh P.**, Singh S.V., Mishra P., Rath S.K. New Perspective in quest for biomarkers of drug induced hepatotoxicity (*Communication No-7806*).
4. Mishra S.K., **Singh P.**, Rath S.K. Quercetin Protects Chloroquine induced oxidative stress and hepatotoxicity in mice (*Communication no. 7767*).

Manuscripts under preparation

1. **Singh P.**, Mishra S.K., Sharma S., Rath S.K. Hepatic gene expression analysis during the hepatotoxicity mediated through oxidative stress generated by Genistein in Swiss mice (*Manuscript under preparation*).
2. **Singh P.**, Singh A., Sharma S., Rath S.K. A critical review on the toxicity assessment of Industrial wastes and effluents: An update (*Manuscript under preparation*).
3. Singh P.K., Srivastava A.K., **Singh P.**, Singh D. Bhatt M.L.B. Dalela D., Goel M.M., Negi M.P.S., Rath S.K. Quantitative analysis of telomerase activity in exfoliated human urothelial cells and bladder transitional cell carcinoma (*Manuscript under preparation*).
4. Singh P.K., Singh S., Srivastava A.K., **Singh P.**, Singh D., Rath S.K., Dalela D., Negi M.P.S., Bhatt M.L.B. Synchronous Chemoradiotherapy for Carcinoma Urinary Bladder as an approach to Organ preservation (*Manuscript under preparation*).

Papers presented in conferences

1. **Singh P.**, Mishra S.K., Noel S., Sharma S., Rath S.K. Apigenin induced hepatotoxicity in mice is oxidative stress mediated. National Conference on Genomics, Proteomics & Systems Biology, October 1-3, 2008. J.N. Tata Auditorium, Indian Institute of Science, Bangalore, India (PPP04).
2. **Singh P.**, Mishra S.K., Noel S., Sharma S., Rath S.K. Differential gene expression analysis in mice liver after acute administration of apigenin at different doses. Co-located Lab-on-a-Chip European Conference, Advances in Microarray Technology Conference and the Molecular Diagnostics Conference and Exhibition. May 19-20, 2009, Stockholm, SWEDEN (Accepted).
3. **Singh P.**, Mishra S.K., Srivastava P., Sharma S., Rath S.K. Apigenin produces oxidative stress in kidney of Swiss mice, Society of Biological Chemists (India), 78th Annual meeting, Oct30- Nov1, 2009, NCCS, Pune (PID-85).

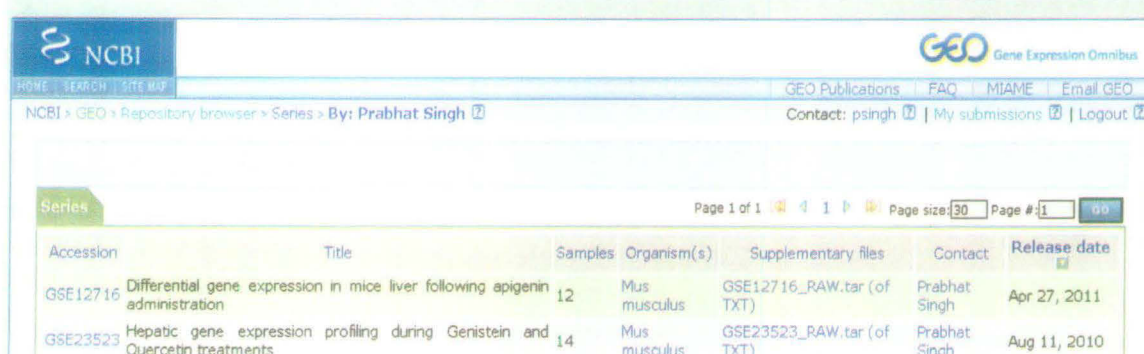
4. **Singh P.**, Mishra S.K., Sing P.K., Srivastava A.K., Verma A.K., Maurya S.K., Sharma S., Rath S.K. Apigenin, Is it fit for breast cancer treatment? 14th Annual National Conference of Breast Cancer Foundation of India; BCF-CON, 2010, March 7-8th, 2010 CSMMU, Lucknow, India (Page-52).
5. **Singh P.**, Mishra P., Verma A.K., Srivastava P., Sharma S., Rath S.K. Protective effect of Apigenin against Lithocholic acid-induced oxidative stress and toxicity in Hepatic cell lines, International Symposium on Alternate Animal Models in Biological Research: Present and Future Perspectives in Toxicology, October 29-31, 2010, Indian Institute of Toxicology Research, Lucknow, India (P-33).
6. **Singh P.**, Singh P.K., Srivastava A.K., Maurya, S.K. Sharma S., Rath S.K. Apigenin protects against Lithocholic acid-induced liver injury and oxidative stress in mice, International Conference on Genomics and Proteomics, July 14-16, 2011, National Institute of Technology, Calicut, India (Accepted).
7. Mishra S.K., **Singh P.**, Verma A.K., Rath S.K. Role of oxygen free radicals in chloroquine induced dose specific hepatotoxicity in mice model. Environment, Occupational and Life Style Concerns-Trans disciplinary approach, September 16-19th 2009, ICMR Complex, Bangalore, Karnataka (PP-14).
8. Mishra S.K., **Singh P.**, Mishra P., Verma A.K., Kumar S., Puri S.K., Rath S.K. Transcriptomic analysis of murine host liver following exposure to Plasmodium vinkei. X- International symposium on vectors and vector borne diseases. Nov.4-6, 2009, Goa University, Goa (PID- 139). 3.
9. Singh P.K., Srivastava A.K., **Singh P.**, Singh D., Rath S.K., Dalela D., Goel M.M., Negi M.P.S., Bhatt M.L.B. Diagnostic and Therapeutic Potential of Telomerase activity in Human Malignancies. National Academy of Medical Sciences 49th Annual Conference NAMSCON- Oct30-Nov01, 2009.
10. Singh P.K., Srivastava A.K., **Singh P.**, Singh D., Bhatt M.L.B., Dalela D., Goel M.M., Negi M.P.S., Rath S.K. Quantitative analysis of telomerase activity in exfoliated human urothelial cells and bladder transitional cell carcinoma. 3rd International symposium on translational cancer research, cell signaling & cancer therapy, December 18-21, 2009, Bhubaneswar, Orissa, India (Abstract no-18).
11. Srivastava A.K., Singh P.K., **Singh P.**, Singh D., Bhatt M.L.B., Dalela D., Goel M.M., Negi M.P.S., Rath S.K. Quantitative detection of UCA1 expression in exfoliated human urothelial cells and bladder transitional cell carcinoma. 3rd International symposium on translational cancer research, cell signaling & cancer therapy, Dec 18-21, 2009, Bhubaneswar, Orissa, India (Abstract no-17).
12. Singh P.K., Srivastava A.K., **Singh P.**, Singh D., Bhatt M.L.B., Dalela D., Goel M.M., Negi M.P.S. and Rath S.K. Detection of Cytokeratin 20 (CK20) in exfoliated cells of urine of human transitional cell carcinoma of urinary bladder by Q-PCR. International conference on Stem cells and cancer (ICSCC-2010), December 11-14, Pune, India.
13. Srivastava A.K., Singh P.K., **Singh P.**, Nayak S., Singh S., Shilpi P., Bhatt M.L.B. Responsiveness of Molecular Predictive Biomarkers in Breast Cancer Chemotherapy: An

Innovative Idea; 14th Annual National Conference of Breast Cancer Foundation of India BCF-CON, 2010, 7-8th March, 2010; CSMMU, Lucknow, India (Page -54).

14. Srivastava A.K., Singh P.K., **Singh P.**, Nayak S., Dalela D., Goel M.M., Rath S.K., Bhatt M.L.B. Diagnostic ability of X-linked inhibitor of apoptosis (XIAP) in Urinary bladder cancer. International Conference on Genomics and Proteomics, July, 14-16, 2011, National Institute of Technology, Calicut, India. (Accepted)
15. Srivastava A.K., Singh P.K., Rath S.K., Singh D., **Singh P.**, Singh S., Dalela D., Goel M.M., Bhatt M.L.B. Role of soluble Fas in the diagnosis of urinary bladder cancer. International Symposium on Cancer Chemoprevention and Translation Research, School of Life Sciences, December 21, 2009, JNU, New Delhi, India (Abstract No.-64).

Contribution to NCBI

Contributed 26 samples and 2 series of microarray data to Gene Expression Omnibus (GEO) (*Series Accession No: GSE 12716 & 23523*).



The screenshot shows the NCBI GEO website interface. At the top, there is a navigation bar with 'HOME', 'SEARCH', and 'SITE MAP'. The main content area displays a list of series under the heading 'Series'. The table below contains the following data:

Accession	Title	Samples	Organism(s)	Supplementary files	Contact	Release date
GSE12716	Differential gene expression in mice liver following apigenin administration	12	Mus musculus	GSE12716_RAW.tar (of TXT)	Prabhat Singh	Apr 27, 2011
GSE23523	Hepatic gene expression profiling during Genistein and Quercetin treatments	14	Mus musculus	GSE23523_RAW.tar (of TXT)	Prabhat Singh	Aug 11, 2010

