

## **Publications during last Five Years**

- **Jyotsna Singh**, Poonam Kakkar. Antihyperglycemic and antioxidant effect of *Berberis aristata* root extract and its role in regulating carbohydrate metabolism in diabetic rats. *J of Ethnopharmacology*, 2009; 123: 22-26.
- Irshad Saba, **Singh Jyotsna**, Kakkar Poonam, Mehrotra Shanta. Molecular Characterization of Desmodium species- an important ingredient of 'Dashmoola' by RAPD analysis. *Fitoterapia*. 2009; 80:115-8.
- Rai Vartika, Kakkar Poonam, **Singh Jyotsna**, Misra Chetna, Kumar Santosh, Mehrotra Shanta Toxic metals and organochlorine pesticides residue in single herbal drugs used in important ayurvedic formulation- 'Dashmoola'. *Environment Monitoring Assessment*. 2008; 143:273-7.
- Poonam Kakkar, Jyotsna Singh and Brijesh Kumar Singh: Modulation of antioxidants status and carbohydrate metabolism by *Berberis aristata* DC extracts in diabetic rats. In; *3rd Biennial Meeting of the Society for Free Radical Research*, Lonawala, India, Jan. 8-11, 2007: 2007; 75-80.