

## Publications from AYUSH Extramural Research

**Project entitled:** To evaluate the ulcer protective effects of extracts (ethanolic and aqueous) of *Aegle marmelos*, *Terminalia chebula* and *Azadirachta indica* on experimental models of ulcerative colitis in rats.

### Published

1. R R Ghatule, Shalini Goel, M K Gautam, A Singh, V K Joshi, R K Goel. Effect of *Azadirachta indica* leaves extract on AA-Induced colitis in rats: Role of antioxidants, free radicals and myeloperoxidase. *Asian Pacific Journal of Tropical Disease*, 2012, 2(2): S651-S657.
2. M.K. Gautam, Shalini Goel, R.R. Ghatule, A. Singh, G. Nath, R.K. Goel. Curative effect of *Terminalia chebula* extract on AA-induced experimental colitis: Role of antioxidants, free radicals and acute inflammatory marker. *Inflammopharmacology* 2013, 21(5): 377-383.
3. MK Gautam, RR Ghatule, A Singh, M Kumar, RK Goel. Healing effect of *Terminalia chebula* fruit extract on trinitrobenzene sulfonic acid induced colitis in rat. *Indian J Physiol Pharmacol*, 2013; 57(3):325-336.
4. M.K. Gautam, Shalini Goel, R.R. Ghatule, A. Singh, VK Joshi, R.K. Goel. *Azadirachta indica* Attenuates Colonic Mucosal Damage in Experimental Colitis Induced by Trinitrobenzene Sulfonic Acid. *Indian J Pharma Sci*, 2013, 75(5): 602-606.
5. MK Gautam, RR Ghatule, A Singh, V Purohit, M Gangwar, Mohan Kumar, RK Goel. Healing effects of extract of *Aegle marmelos* fruit on experimental colitis. *Indian Journal of Experimental Biology*, 2013, 51: 157-164.
6. RR Ghatule, MK Gautam, Shalini Goel, A Singh, VK Joshi, RK Goel. Protective Effects of *Aegle Marmelos* Fruit Pulp on Trinitrobenzene Sulfonic Acid Induced Experimental Colitis. *Pharmacognosy Magazine*, 2014, 10(37): S147-152.

### Conference proceeding

1. M.K. Gautam, R.R. Ghatule, H. Sharma, V. Purohit, A. Singh and R.K. Goel, Healing effect of *Aegle marmelos* fruit extract on acetic acid induced colitis in rats. *Indian J. Pharmacol*, 43, Suppl. 1: S-111-112, December, 2011.
2. R.R. Ghatule, M.K. Gautam, V. Purohit, S.R.S. Murthy, R.K. Goel, Healing effect of *Azadirachta indica* leaves extract on experimental colitis in rats. *Indian J. Pharmacol*, 43, Suppl. 1: S-24, December, 2011.
3. H. Sharma, R.R. Ghatule, M.K. Gautam, V. Purohit, S.R.S. Murthy and R.K. Goel. Evaluation of healing effect of *Terminalia chebula* fruit extract on chemically induced colitis in rats. *Indian J. Pharmacol*, 43, Suppl. 1: S-111, December, 2011.