

Publications Of Dr. Rakesh Maurya

International Publications

1. Preety Dixit, Kailash Chand, Mohd Parvez Khan, Jawed Akhtar Siddiqui, Deepshikha Tewari, Florence Tsofack Nguemim, Naibedya Chattopadhyay, **Rakesh Maurya**. New phytoceramides and acylated phytosterol glucosides from *Pterospermum acerifolium* Willd. seed coat and their osteogenic activity. **Phytochemistry** **2012**, Available online 10 July 2012 <http://dx.doi.org/10.1016/j.phytochem.2012.06.005>.
2. Mohammad Faheem Khan, Padam Kumar, Jyotsana Pandey, Arvind Kumar Srivastava, Akhilesh Kumar Tamrakar, Rakesh Maurya. Synthesis of novel imbricatolic acid analogues via insertion of N-substituted piperazine at C-15/C-19 positions, displaying glucose uptake stimulation in L6 skeletal muscle cells. **Bioorganic & Medicinal Chemistry Letters** **2012**, **22**, 4636-4639.
3. G. Swarnkar, K. Sharanm, J. A. Siddiqui, J. S. Mishra, K. Khan, M. P. Khan, V. Gupta, P. Rawat, **R. Maurya**, A. K. Dwivedi, S. Sanyal, N. Chattopadhyay. A naturally occurring naringenin derivative exerts potent bone anabolic effects by mimicking oestrogen action on osteoblasts. **Br. J. Pharmacol.** 2012 March; 165(5), 1526-1542.
4. Ausaf Ahmad, Naila Rasheed, Prasoon Gupta, Seema Singh, Kiran Babu Siripurapu, Ghulam Md Ashraf, Rajnish Kumar, Kailash Chand, **Rakesh Maurya**, Naheed Banu, Muneera Al-Sheeha, Gautam Palit. Novel ocimumoside A and B as anti-stress agents: modulation of brain monoamines and antioxidant systems in chronic unpredictable stress model in rats. **Phytomedicine** **2012**, **19**(7), 639-647.
5. Florence Tsofack Nguemim, Mohd Parvez Khan, Jean Hubert Donfack, Jawed Akhtar Siddiqui, Deepshikha Tewari, Geet K. Nagar, Satish C. Tiwari, Dimo Theophile, **Rakesh Maurya**, Naibedya Chattopadhyay. Evaluation of Cameroonian plants towards experimental bone regeneration. **J. Ethnopharmacology**. **2012**, March **141**(1), 331-337.
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8. Preety Dixit, Raju Chillara, Vikram Khedgikar, Jyoti Gautam, Priyanka Kushwaha, Avinash Kumar, Divya Singh, Ritu Trivedi, Rakesh Maurya. **Constituents of *Dalbergia sissoo* Roxb. leaves with osteogenic activity.** **Bioorganic & Medicinal Chemistry Letters** **2012**, January **22**(2), 890-897.
9. Mohammad Faheem Khan, Preety Dixit, Natasha Jaiswal, Akhilesh Kumar Tamrakar, Arvind Kumar Srivastava, **Rakesh Maurya**. Chemical constituents of *Kigelia pinnata* twig and their GLUT4 translocation modulatory effect in skeletal muscle cells. **Fitoterapia** **2012**, **83**, 125-129.
10. Vishal Kumar Soni, Dinesh Kumar Yadav, Nasreen Bano, Preety Dixit, Manisha Pathak, **Rakesh Maurya**, Mahendra Sahai, Swatantra Kumar Jain, Shailja Misra-Bhattacharya. N-methyl 6,7-dimethoxyisopuinolone in *Annona squamosa* twigs is the major immune modifier to elicit polarized Th1 immune response in BALB/C mice. **Fitoterapia** **2012**, **83**, 110-116.

11. Siddiqui JA, Swarnkar G, Sharan K, Chakravarti B, Gautam AK, Rawat P, Kumar M, Gupta V, Manickavasagam L, Dwivedi AK, Maurya R, Chattopadhyay N. A naturally occurring rare analog of quercetin promotes peak bone mass achievement and exerts anabolic effect on osteoporotic bone. ***Osteoporos Int.* 2011, 22(12) 3013-3027.**
12. Vishal Kumar Soni, Preety Dixit, Nasreen Bano, Padam Kumar, Jayendra, Y. Kumar, Rakesh Maurya, Swatantra Kumar Jain, Shaila Mishra-Bhattacharya. Relative immune modifier activities of *Pterospermum acerifolium*, *Murraya koenigii* and *Withania coagulans* in Balb/C mouse. ***International Journal of Pharmacy and Pharmaceutical Sciences* 2011, 3 Suppl5, 360-365.**
13. Siddiqui JA, Sharan K, Swarnkar G, Rawat P, Kumar M, Manickavasagam L, **Maurya R**, Pierroz D, Chattopadhyay N. Quercetin-6-C- β -D-glucopyranoside isolated from *Ulmus wallichiana* planchon is more potent than quercetin in inhibiting osteoclastogenesis and mitigating ovariectomy-induced bone loss in rats. ***Menopause* 2011, 18(2), 198-207.**
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16. Manisha Pathak, Nasreen Bano, Preety Dixit, Vishal Kumar Soni, Padam Kumar, **Rakesh Maurya**, Shailja Misra-Bhattacharya. Immunosuppressive activity of hexane and ethanolic extracts of *Pterospermum acerifolium* seeds in BALB/c mice. ***Medicinal Chemistry Research* 2011, 20(9), 1667-1673.**
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20. Akanksha, Prem P. Yadav, Arvind K. Srivastava, **Rakesh Maurya**. Synthesis of analogues of antihyperglycemic lead karanjin. ***Medicinal Chemistry Research* 2011, 20(9), 1465-1472.**
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