

Papers

25. S. B. Bharate and **I. P. Singh**. A two-step biomimetic synthesis of antimalarial robustadiols A and B. *Tetrahedron Letters*. (In Press)
24. S. B. Bharate, K. K. Bhutani, S. I. Khan, B. L. Tekwani, M. R. Jacob, I. A. Khan and **I. P. Singh**. Biomimetic synthesis, antimicrobial, antileishmanial and antimalarial activities of euglobals and their analogues. *Bioorganic & Medicinal Chemistry*. **2006**, 14, 1750-1760.
23. S. B. Bharate, S. C. Chauthe, K. K. Bhutani, and **I. P. Singh**. An efficient two step synthesis of Jensenone isolated from *Eucalyptus jensenii*. Synthesis of analogues and evaluation as antioxidants. *Australian J. Chem.*, **2005**, 58, 551-555.
22. D. D. Singh, G. Chitra, **I. P. Singh**, and K. K. Bhutani. Immunostimulatory compounds from *Vitex negundo*. *Ind. J. Chem.* **2005**, 44B, 1288-1290.
21. R. T. Williamson, **I. P. Singh**, and W. H. Gerwick. Taveuniamides: new chlorinated toxins from a mixed assemblage of marine cyanobacteria. *Tetrahedron*, **2004**, 60, 7025-7033.
20. H. Etoh, T. Kondoh, R. Noda, **I. P. Singh**, Y. Sekiwa, K. Morimitsu, K. Kubota. Shogaols from *Zingiber officinale* as promising anti-fouling agents, *Biosci. Biotechnol. Biochem.*, **2002**, 66, 1748-1750.
19. T. Matsumoto, **I. P. Singh**, H. Etoh, and H. Tanaka. The first total synthesis of grandinal, a new phloroglucinol derivative isolated from *Eucalyptus grandis*. *Chemistry Letters*, **2001**, 210-211.
18. T. Ban, **I. P. Singh**, and H. Etoh. Polygodial, a potent attachment-inhibiting substance for the blue mussel, *Mytilus edulis galloprovincialis* from *Tasmania lanceolata*. *Biosci. Biotechnol. Biochem.*, **2000**, 64, 2669-2701.
17. M. Takasaki, T. Konoshima, H. Etoh, **I. P. Singh**, H. Tokuda, and H. Nishino. Cancer chemopreventive activity of euglobal-G1 from leaves of *Eucalyptus grandis*. *Cancer Letters*, **2000**, 155, 61-65.
16. **I. P. Singh**, K. Umehara, and H. Etoh. Macrocarpals in *Eucalyptus* spp. As Attachment-inhibitors against the blue mussel. *Natural Product Letters*, **2000**, 14, 11-15.
15. **I. P. Singh**, K. E. Milligan, and W. H. Gerwick. Tanikolide, a toxic and antifungal lactone from the marine cyanobacterium *Lyngbya majuscula*. *J. Nat. Prod.* **1999**, 62, 1333-1335.
14. Y. Terada, J. Saito, T. Kawai, **I. P. Singh**, and H. Etoh. Structure-activity relationship of phloroglucinol compounds from *Eucalyptus* as marine antifoulants. *Biosci. Biotechnol. Biochem.* **1999**, 63, 276-280.
13. K. Umehara, **I. P. Singh**, H. Etoh, M. Takasaki, and T. Konoshima. Five euglobals, phloroglucinol-monoterpene adducts, from *Eucalyptus grandis*. *Phytochemistry*, **1998**, 49, 1699-1704.
12. **I. P. Singh**, K. Umehara, H. Etoh, M. Takasaki, and T. Konoshima. Euglobals-G6 and -G7, two new phloroglucinol-monoterpene adducts from *Eucalyptus grandis*. *Phytochemistry*, **1998**, 47, 1157-1159.
11. **I. P. Singh**, H. Etoh, E. Asai, K. Kikuchi, K. Ina, K. Koyasu, and Y. Terada. Flavonoids and stilbenes as repellents against the blue mussel, *Mytilus edulis galloprovincialis*. *Natural Product Sciences*, **1997**, 3, 49-54.
10. **I. P. Singh**, R. Hayakawa, H. Etoh, M. Takasaki, and T. Konoshima. Grandinal, a new phloroglucinol dimer from *Eucalyptus grandis*. *Biosci. Biotechnol. Biochem.* **1997**, 61, 921-923.
9. **I. P. Singh**, K. Takahashi, and H. Etoh. Potent attachment-inhibiting and -promoting substances for the blue mussel, *Mytilus edulis galloprovincialis*, from two species of *Eucalyptus*. *Biosci. Biotechnol. Biochem.* **1996**, 60, 1522-1523.
8. **I. P. Singh** and H. Etoh. New macrocarpal-am-1 from *Eucalyptus amplifolia*. *Biosci. Biotechnol. Biochem.* **1995**, 59, 2330-2332.

7. P. S. Kalsi, A. Sharma, A. Singh, **I. P. Singh**, and B. R. Chhabra. Biogenetically important sesquiterpenes from *Cyperus rotundus*. *Fitoterapia*, **1995**, LXVI, 191.
6. P. S. Kalsi, V. Mittal, **I. P. Singh**, and B. R. Chhabra. Pseudoguaianolides from *Parthenium hysterophorus*. *Fitoterapia*, **1995**, LXVI, 94.
5. J. R. Sharma, **I. P. Singh**, G. Kaur, Anu, and P. S. Kalsi. Terpenoids from costus root oil as potential antifungal agents. *Pesticide Research Journal*, **1993**, 5, 151-154.
4. **I. P. Singh**, R. Goyal, Anu, and P. S. Kalsi. Reduction of terpenoid lactones with Na/MeOH. *Ind. J. Chem.* **1993**, 32B, 1234-1236.
3. K. K. Talwar, **I. P. Singh**, and P. S. Kalsi. A sesquiterpenoid with plant growth regulatory activity from *Saussurea lappa*. *Phytochemistry*, **1992**, 31, 336-338.
2. **I. P. Singh** and P. S. Kalsi. A novel transesterification with diazomethane. *Ind. J. Chem.* **1992**, 31B, 723-724.
1. **I. P. Singh**, K. K. Talwar, J. K. Arora, B. R. Chhabra, and P. S. Kalsi. A biologically active guaianolide from *Saussurea lappa*. *Phytochemistry*, **1992**, 31, 2529-2531.

Book Chapters and Reviews

11. **I. P. Singh** and S. B. Bharate. Phloroglucinol compounds of natural origin. *Natural Product Reports*, **2006**, 23, 558 - 591.
10. **I. P. Singh**. Nuclear magnetic resonance methods in structure elucidation. (In Press)
9. **I. P. Singh**, U. R. Lal, H. S. Bodiwala, R. P. Mahajan, K. K. Bhutani. Anti-leishmanial Natural Products - A Review, Recent Progress in Medicinal Plants, STUDIUM PRESS LLC, P.O. Box-722200, Houston, Texas 77072, U.S.A. **2006**, 13, 116-149.
8. **I. P. Singh**, S. B. Bharate, K. K. Bhutani. Anti-HIV natural products. *Current Science*. **2005**, 89 (2), 269-290.
7. **I. P. Singh**, S. B. Bharate, K. K. Bhutani. Interactions of herbs and food products with drugs: grape fruit juice as an example. *Natural Product Radiance*. **2005**, 4, 107-112.
6. W. H. Gerwick and **I. P. Singh**. Structural diversity of marine oxylipins. In: T. M. Kuo and H. W. Gardner (Eds), *Lipid Biotechnology*, Marcel and Dekker, New York, 2002, pp 249-275.
5. **I. P. Singh**, H. Etoh, M. Takasaki, and T. Konoshima. Euglobins-anti tumor promoters from *Eucalyptus* species. Recent Advances in Phytochemistry. Global Research Network, Trivandrum, 2000, **1**, 51-64.
4. H. Etoh and **I. P. Singh**. Chemistry of lycopene - A Review. In: S. G. Pandalai (Ed), Recent Research Developments in Agricultural and Biological Chemistry, Vol. **2**. Research Signpost, Trivandrum, 1998, pp. 97-113.
3. N. Watanabe and **I. P. Singh**. Analysis of aroma release from scented teas. In: H. F. Linskens and J. F. Jackson (Eds), *Modern Methods of Plant Analysis*, Vol. **19**. Plant Volatile Analysis, Springer-Verlag, Berlin, Heidelberg, 1997 pp. 231-258.
2. **I. P. Singh** and H. Etoh. Biological activities of phloroglucinol derivatives from *Eucalyptus* spp. *Natural Product Sciences*, **1997**, 3, 1-7.
1. **I. P. Singh** and H. Etoh. Biofouling: Screening of attachment-inhibitors and -promoters by using the blue mussel, *Mytilus edulis galloprovincialis*. In: S. G. Pandalai (Ed), Recent Research Developments in Agricultural and Biological Chemistry, Vol. **1**. Research Signpost, Trivandrum, 1997, pp. 1-14.