

Publications

Research Articles

64. Sultan S.; Kumar M.; Devari S.; Mukherjee D.; Shah, Bhahwal Ali. Copper–Manganese Spinel Oxide Catalyzed Synthesis of Amides and Azobenzenes via Aminyl Radical Cations. **ChemCatChem** (2016), DOI: 10.1002/cctc.201501218.
63. Devari, S.; Shah, Bhahwal Ali. Visible light-promoted C–H functionalization of ethers and electron-deficient arenes. **Chemical Communications**, (2016), DOI: 10.1039/C5CC08817H.
62. Kumar, A.; Qayum, A.; Sharma, P. R.; Singh S. K.; Shah, Bhahwal Ali. Synthesis of β -boswellic acid derivatives as cytotoxic and apoptotic agents. **Bioorganic & Medicinal Chemistry Letters** (2016), 26, 76-81.
61. Sharma, S.; Gupta, S.; Khajuria, V.; Bhagat, A.; Ahmed, Z.; Shah, Bhahwal Ali. Analogues of Boswellic acids as inhibitors of pro-inflammatory cytokines TNF- α and IL-6. **Bioorganic & Medicinal Chemistry Letters** (2016), 26, 695–698.

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55. Devari, S.; Kumar, A.; Shah, Bhahwal Ali. C–H functionalization of terminal alkynes towards stereospecific synthesis of (E) or (Z) 2-methylthio-1,4-ene-diones. **Chemical Communications** (2015), 51, 5013-5016.
54. Kumar, M.; Devari, S.; Kumar, A.; Sultan, S.; Ahmed, Q. N.; Rizvi, M.; Shah, Bhahwal Ali. Copper (II)-Triflate-Catalyzed Oxidative Amidation of Terminal Alkynes: A General Approach to α -Ketoamides. **Asian Journal of Organic Chemistry**, (2015), 4, 438-441
53. Guru S.; Pathania, A. S.; Kumar S.; Deshidi R.; Kumar M.; Rana S.; Kumar A.; Malik F.; Sharma P.R.; Chandan B. K.; Jaglan, S.; Sharma J.P.; Shah Bhahwal Ali; Tasduq, S. A.; Lattoo, S. K.; Faruk A.; Saxena A. K.; Vishwakarma R. A., Bhushan S. Secalonic acid-D

- represses HIF-1 α /VEGF mediated angiogenesis by regulating the Akt/mTOR/p70S6K signaling cascade. **Cancer Research (2015), 75, 2886-2896.**
52. Deshidi R.; Devari, S.; Shah, Bhahwal Ali. Iodine promoted oxidative amidation of terminal alkene; Synthesis of α -ketoamides, Benzothiazoles and Quinoxolines. **European Journal of Organic Chemistry (2015), 2015, 1428–1432.**
51. Qazi, A. K.; Hussain, A.; Khan, S.; Aga, M. A.; Behl, A.; Ali, S.; Singh, S. K.; Taneja, S. C.; Shah, Bhahwal Ali; Saxena, A. K.; Mondhe, D. M.; Hamid, A. Quinazoline based small molecule exerts potent tumor suppressive properties by inhibiting PI3K/akt/FoxO3a signalling in experimental colon cancer; **Cancer Letters (2015), 2015,1428–1432.**
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46. Kumar, B.; Aga, M.A.; Rouf, A.; Shah, Bhahwal A.; Taneja, S.C. Common precursor strategy for the synthesis of bestatin, amprenavir intermediate and syn-4-hydroxy-5-phenyl- γ -lactam. **RSC Advances (2014), 4, 17206-17209.**
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43. Kumar, M.; Kumar, A.; Rizvi, M.; Mane, M.; Vanka, K.; Taneja, S. C.; Shah, Bhahwal Ali. Synthesis of α , β -Unsaturated δ -Lactones by Vinyl Acetate Mediated Asymmetric Cross-Aldol Reaction of Acetaldehyde: Mechanistic Insights. **European Journal of Organic Chemistry (2014), 5247-5255.**

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Book chapters

2. Bhahwal Ali Shah and Subhash Chandra Taneja. *In* Compendium of bioactive natural products; "Structural modifications of parthenin; a sesquiterpene lactone of immense biological potential" Eds. S.C. Taneja, V.K. Gupta & B.D. Gupta, Studium Press, USA, 2010, Vol. 7, p45-76.
1. Bhahwal Ali Shah and Subhash Chandra Taneja. *In* Compendium of bioactive natural products; "Biological prospective of pinitol and its structurally modified products" Eds. S.C. Taneja, V.K. Gupta & B.D. Gupta, Studium Press, USA, 2010, Vol. 7, p247-266.

Patents:

6. A novel formulation useful in cancer chemotherapy, D. M. Mondhe; S. C. Taneja; S. Koul; J. K. Dhar; A. K. Saxena; R. K. Johri; Z. A. Wani; S. S. Andotra; S. C Sharma; S. Singh; P. N. Gupta; Bhahwal Ali Shah; R. A. Vishwakarma. (Indian Patent Filed: 2554DEL2012).
5. G. N. Qazi; S. C. Taneja; J. Singh; A. K. Saxena; V. K. Sethi; Bhahwal Ali Shah; , A. Kumar; S. S. Andotra; F. Malik; S. Muthiah; S. K. Agrawal; semi-synthetic sesquiterpene lactone parthenin compound useful for cytotoxicity against cancer cell lines and anticancer activity (WO Patent Application No. PCT/IN2009/000218)
4. G. N. Qazi; S. C. Taneja; J. Singh; A. K. Saxena; V. K. Sethi; Bhahwal Ali Shah; B. K. Kapahi; S. S. Andotra; A. Kumar; S. Bhushan; F. Malik; D. M. Mondhe; M. Shanmugavel; S. Singh; M. Verma; S. K. Singh; cytotoxicity and induction of apoptosis in cancer cells by semi-synthetic analogues of boswellic acids for their use as anti-cancer agents (US Patent Application No. 12/401337)
3. G. N. Qazi; S. C. Taneja; J. Singh; A. K. Saxena; V. K. Sethi; Bhahwal Ali Shah; A. Kumar; S. S. Andotra; F. Malik; S. Muthiah; S. K.. Agrawal; semi-synthetic sesquiterpene lactone parthenin compound useful for cytotoxicity against cancer cell lines and anticancer activity (Indian Patent Filed: 0840DEL2008)
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1. G. N. Qazi; S. C. Taneja; J. Singh; A. K. Saxena; V. K. Sethi; Bhahwal Ali Shah; B. K. Kapahi; S. S. Andotra; A. Kumar; S. Bhushan; F. Malik , D. M. Mondhe; M. Shanmugavel; S. Singh ; M. Verma; S. K. Singh; in vitro and in vivo anti-cancer activity of semi-synthetic compound (Indian Patent Filed: 0606DEL2008).