[1] Mathew B*, Vijayabaskaran M, Mathew GE, Thomas KM, Phytochemical evaluation and anticancer screening of rhizomes of Kaempferia galanga. Int. Res. J. Pharm. Sci. 2010; 1(1):11-15.

[2] Mathew B*, Mathew GE, Mathew N, Vijayabaskaran M. Synthesis, characterization of some 2-azetidinone derivatives from 2-aminopyridine and evaluation of their antimicrobial activity. Der Pharma Chemica 2010; 2(6):238-242.

[3] Mathew B*, Shankar S, Kumar SS, Synthesis, molecular properties and anthelmintic activity of some Schiff bases of 1, 3, 4-thiadiazole derivatives. Der Pharma Chemica 2010; 2(5):337-343.

[4] Mathew B*, Unnikrishnan G, Shafeer VP, Musthafa M, Femina P. Microwave assisted synthesis, physicochemical properties and antimicrobial activity of benzimidazole chalcones. Der Pharma Chemica 2011; 3(6):627-631.

[5] Bhuvna C*, Mathew B, Mahalakshmi A, Sukumar M. Synthesis of some thiazolidinone derivatives from indole-2 carboxylic acid and evaluation of its xanthine oxidase inhibitory and antioxidant activity. Int. J. ChemTech Res. 2011; 3(2):671-675.

[6] Mathew B*, Jerad AJ, Mathew GE, Shankar S, Kumar SS. Synthesis, characterization and antimicrobial screening of some 2-amino, 5(phenyl substituted) 1, 3, 4-thiadiazole derivatives. Int. J. ChemTech Res. 2011; 1(3):364-368.

[7] Mathew GE*, Mathew B, Sheneeb MM, Nyanathara B, Haribabu Y. Anthelmintic activity of leaves of Garcina cambogia. Int. J. Res. Pharm. Sci. 2011; 2(1):63-65.

[8] Mathew GE*, Mathew B, Sajeeth CI, Phytochemical evaluation and lipid lowering property of leaves of Vitex negundo in hypercholestremic rats. Int. J. Res. Pharm. Sci. 2011; 2(1):18-22.

[9] Mathew B*, Mathew GE, Sheneeb MM, Nyanathara B. Diuretic activity of leaves of Garcina cambogia in rats. Indian J. Pharm. Sci. 2011; 73(1):228-230.

[10] Mathew B*, Mathew GE, Shafeer VP, Musthafa M, Femina P. A Green route approach of α, β unsaturated ketone having a benzimidazole tail and their virtual screening on the molecular descriptors for predicting the CNS-drug likeness. Asian J. Res. Chem. 2012; 5(1):65-68.

[11] Mathew B*, Suresh AJ, Anbazhagan S. Microwave assisted synthesis, physicochemical properties and antimicrobial activities of Barbitone moiety linked by benzimidazole chalcones. Fons Sci. J. Pharm. Res. 2012; 1(3):17-19.

[12] Mathew B*, Suresh J, Anbazhagan S. Development of novel (1-H) benzimidazole bearing pyrimidine-trione based MAO-A inhibitors: Synthesis, docking studies and antidepressant activity. J. Saudi Chem. Soc. http://dx.doi.org/10.1016/j.jscs.2012.09.015

[13] Mathew B*, Mathew GE, George S, Shamnas M, Raj VBA. Isolation, in silico design and anti-inflammatory activity of Spirosolenol from the roots of Solanum anguvi. Chem. Sci. J. Vol 2012: CSJ-83.

[14] Mathew B*, Suresh J, Anbazhagan S. Synthesis and PASS-assisted in silico approach of some novel 2-substituted Benzimidazole bearing a Pyrimidine-2, 4, 6 (trione) systems as Mucomembranous protector. J. Pharm. Bioall. Sci. 5(1); 39-43.

[15] Mathew B*, Suresh J, Anbazhagan S. Microwave assisted synthesis, physicochemical properties and antioxidant activity of α, β unsaturated benzimidazole derivatives incorporated with a barbitone moiety. Asian J. Chem. 2013; 25(4):1853-1856.

[16] Mathew B*, Suresh J, Vinod D. Antitumor Activity of 5-[(2E)-1-(1H- benzimidazol-2-yl)-3-substituted phenylprop-2-en-1-ylidene] pyrimidine-2, 4, 6(1H, 3H, 5H) triones against Dalton's Ascitic Lymphoma in mice. Med Chem Res 2013; 22:3911–3917.

[17] Mathew B*, Suresh J, Anbazhagan S, Chidambaranathan N. Discovery of some novel imines of 2-amino, 5-thio, 1, 3, 4-thiadiazole as mucomembranous protector. Synthesis, anti-oxidant activity and in silico PASS approach. J. Saudi Chem. Soc. 10.1016/j.jscs.2013.01.002.

[18] Mathew B *, Mathew GE, Sonia G, Kumar A, Charles NP, Kumar P. Design of 1-(furan-2-yl)-N-(5-substituted phenyl-1, 3, 4-thiadiazol-2-yl) methanimine derivatives as Enoyl-ACP reductase inhibitors: Synthesis, Molecular docking studies &Antitubercular activity. Bangladesh J. Pharmacol 2103; 8:242-248.

[19] Mathew B*, Suresh AJ, Anbazhagan S. Synthesis and in silico design of some novel imines of 5- amino-1, 3, 4-thiadiazole-2-thiol linked to (1h-benzimidazole-2-yl) 3-substituted phenyl prop-2-enes. Indian J. Het. Chem. 2013; 22: 337-340.

[20] Mathew B*, Suresh J, Anbazhagan S, Mathew GE. Pyrazoline: A promising scaffold for the inhibition of Monoamine oxidase. Cent. Nerv. Syst. Agents. Med. Chem 2013; 13:195-206.

[21] Mathew B*, Suresh J, Anbazhagan S, Vinod D. Hypnotic profile of novel imines from benzimidazole chalcones: Mechanism of Synthesis, DFT studies and In silico preclinical evaluation.Cent. Nerv. Syst. Agents. Med. Chem. 2013; 13:207-216. [

[22] Mathew B*, Suresh J, Mathew GE, Parasuraman, Abdulla N. Plant Secondary Metabolites- Potent inhibitors of Monoamine Oxidase Isoforms. Cent. Nerv. Syst. Agents. Med. Chem. 2014; 14:28-33.

[23] Beula SJ, Raj VBA, Mathew B*. Isolation and molecular recognisation of 6-prenyl apigenin towards MAO-A as the active principle of seeds of Achyranthes aspera. Biomed. Prevent. Nut 2014; 4:379-382

[24] Mathew B*, Suresh J, Anbazhagan S. Synthesis, preclinical evaluation and antidepressant activity of 5- substituted phenyl-3-(thiophen-2-yl)-4, 5-dihydro-1h-pyrazole-1-carbothioamide. EXCLI J. 2014; 13:437-445.

[25] Bijo Mathew*, Suresh J, Anbazhagan S, Jayaraj P, Krishnan GK. Hetroarylchalcones: Mini review about their therapeutic voyage. Biomed. Prevent. Nut. 2014; 4:451-458.

[26] Jayaraj P*, Mathew B, Chinnasamy M, Govindarajan R. Isolation of chemical constituents from Spilanthes calva DC: Toxicity, Anthelmintic efficacy and in silico studies.. Biomed. Prevent. Nut 2014; 4:417-421.

[27] Jayaraj P*, Mathew B, Mani C, Govindarajan R. Isolation of bioactive isoprenyl flavonoid from Spilanthes calva D.C. In vitro xanthine oxidase assay and in silico study. Biomed. Prevent. Nut. http://dx.doi.org/10.1016/j.bionut.2014.07.005

[28] Mathew B*, Suresh J, Anbazhagan S. Proposed interaction of some novel antidepressant pyrazolines against Monoamine oxidase isoforms. Molecular docking studies and PASS assisted in silico approach. Biomed. Aging Pathol. 2014; 4:297-301.

[29] Mathew B*, Suresh J, Anbazhagan S. Synthesis, in silico preclinical evaluation, anti-depressant potential of 5- substituted phenyl-3-(thiophen-2-yl)-4, 5-dihydro-1h-pyrazole-1-carboxamides. Biomed. Aging Pathol. 2014; 4:327-333.

[30] Mathew B*, Ahsan MJ. Molecular recognisation of 3a, 4-dihydro-3-H-Indeno [1, 2-C] pyrazole-2-carboxamide/carbothioamide anticonvulsant analogues towards GABA-Aminotransferase- An in silico approach. Cent. Nerv. Syst. Agents. Med. Chem. 2014; 14:39-42.

[31] B Mathew*, Suresh J, Mathew GE, Sonia G, Kumar GK. Design, Synthesis and Molecular Docking Studies of N-(furan-2-yl)-1-(5-substituted) phenyl-1, 3, 4-oxadiazol-2-yl) methanimines as Antitubercular Agents. Indian J. Pharm. Sci. 2014; 76:401-406.

[32] Joy N, Mathew B*. Molecular hybridization and preclinical evaluation of imines from para-substituted 4-phenyl 2-amino thiazole incorporated with isatin analogues as antitubercular agents. Anti-infective agents 10.2174/22113525126661409052326 39