

## **Research Paper Publications**

### **International/National Journal Publications**

- 1) Vijay Kumar Srivastav, Vineet Singh, Meena Tiwari, "Recent Advancements in Docking Methodologies" in Siavoush Dastmalchi (editor) "Methods and Algorithms for Molecular Docking-Based Drug Design and Discovery" IGI Global , 2016 (DOI: 10.4018/978-1-5225-0115-2.cb011). (Book Chapter) Publications (List of papers published in SCI Journals, in year wise descending order) (Best Five).
- 2) Vineet Singh and Meena Tiwari, "Structure-Processing- Property Relationship of PolyGlycolic acid for drug delivery systems, 1. Synthesis and catalysis". Internal Journal of Polymer Science, Volume 2010, 23-Pages, Article ID 652719, DOI:10.1155/2010/652719.
- 3) Surendra Kumar, Vineet Singh and Meena Tiwari, "Quantitative Structure Activity Relationship Studies of Sulfamide Derivatives as Carbonic Anhydrase Inhibitor: As Antiglaucoma Agents" Bentham-Science, Medicinal Chemistry, 2007, 3(4).
- 4) A.S. Dassondi, V. Singh, S. R. Voleti and M. Tiwari, "Comparative Molecular Field Analysis of Benzothiazepine Derivatives: Mitochondrial Sodium Calcium Exchange Inhibitors as Antidiabetic agents" Indian Journal of Pharmaceutical Sciences, MarchApril 2008, 70(2), 186-192. (Received Best Paper Award).
- 5) Fabrizio Carta, Blessy Pothen, Alfonso Maresca, Meena Tiwari, Vineet Singh and Claudiu T. Supuran, "Carbonic Anhydrase Inhibitors: Inhibition of Cytosolic Carbonic Anhydrase Isozymes II and VII with Simple Aromatic Sulfonamides and Some Azo Dyes" Chemical Biology and Drug Design, 2009; 74: 196–202
- 6) Vineet Singh and Meena Tiwari, "3D-QSAR analysis of cycloguanil derivatives, highly active agents against A16V + S108T mutant of dihydrofolate reductase resistant strain (T9/94) of Plasmodium falciparum" Indian Journal of Chemistry- Section-B, 2007, 46, 1042-1046.

### **Publications (List of papers published in SCI Journals, in year wise descending order)**

- 7) Akhilesh Kumar Bilaiya, Vineet Singh Chauhan, Piyushi Yadav, Rahul Sisodiya, "Synthesis of some Glyco-amino acid congeners" Journal of Drug Delivery & Therapeutics. 2018; 8(6-A), 69-73.
- 8) Surendra Kumar, Vineet Singh and Meena Tiwari, "QSAR modeling of the inhibition of reverse transcriptase enzyme with benzimidazole analogs " Medicinal Chemistry Research, 2010, 19 (S1), DOI: 10.1007/s00044-010-9406-2.
- 9) Blessy Pothen, Vineet Singh, Surendra Kumar and Meena Tiwari, "Structural optimization of new class of selective carbonic anhydrase inhibitors: QSAR Approach" Indian Journal of Chemistry-Section B, 2010; 49, 224-233.
- 10) N V Murali Krishna Akula, Surendra Kumar, Vineet Singh and Meena Tiwari, "Homology modeling and QSAR analysis of the 1,3,4-thiadiazole and 1,3,4-triazole derivatives as carbonic anhydrase inhibitors" Indian Journal of Biochemistry & Biophysics, 2010; 47, 234.

11) Shailendra Pandey, Ravi Shankar Shukla, Vineet Singh & Meena Tiwari, "Spectrophotometric Analysis of Nitazoxanide in Single and Combined Dosage Form" Asian Journal of Chemistry, 2009, 21 (6), 4149-4154.

### **Other publications:**

12) Rahul Raj Soni, Vineet Singh and Meena Tiwari, "Preparation and characterization of Olanzapine loaded PLGA microspheres by solvent evaporation method". International Journal of Pharmaceutical Sciences and Research, Scientific Proceeding APTICON 2015, 281-283. (<file:///C:/Users/a/Desktop/APTICON-2015-PROCEEDING.pdf>).

13) Shashi Khatod and Vineet Singh, "Synthesis and characterization of block polymer of poly (polyethylene glycol-glycerolco-citrate) for drug delivery system". International Journal of Pharmaceutical Sciences and Research, Scientific Proceeding APTICON 2015, 536-538. (<file:///C:/Users/a/Desktop/APTICON-2015-PROCEEDING.pdf>)

14) Vineet Singh and Rahul Raj Soni, "Enzyme (novozyme-435) catalysed synthesis and characterization of poly lactide-coglycolides (PLGA) polymer" International Journal of Pharmaceutical Sciences and Research, Scientific Proceeding APTICON 2015, 545-547. (<file:///C:/Users/a/Desktop/APTICON-2015-PROCEEDING.pdf>)

15) Vineet Singh and Meena Tiwari, "Hydrophobic modification of Chitosan and its physicochemical evaluation as sustained release tablet formulation". Asian Journal of Chemistry, 2011, 23 (5).

### **(II)International/National Conference Publications**

1. Aman Agarwal, Shruti Moondra, Vineet Singh & Meena Tiwari, "Evaluation of Bioequivalence and Bioavailability of Highly variable drug substance and drug products" 61st IPA" held at Nirma University-Ahmedabad, 11th to 13th December 2008.

2. Durgesh Tiwari, Sandeep Deswal, Vineet Singh & Meena Tiwari, "Synthesis, Characterisation and Anti-bacterial Evaluation of Hydrophobic Chitosan Derivatives" Internal Conference on New developments in drug discovery from natural products and traditional medicines " held at NIPER, Mohali, Punjab, 16th to 20th Nov, 2008.

3. Sandeep Deswal, Durgesh Tiwari, Vineet Singh & Meena Tiwari, "Effect of Psyllium and its derivatives on cholesterol homeostasis" Internal Conference on New developments in drug discovery from natural products and traditional medicines "held NIPER, Mohali, Punjab, 16th to 20th Nov 2008.

4. Sunil Kumar Singh, Vijay Kumar Shrivastava, Vineet Singh, & Meena Tiwari, "Regulatory Perspective of Out-of-Specification Results" 60th IPA" held at New-Delhi, 12th to 14th December 2008.

5. Surendra Kumar, Vineet Singh & Meena Tiwari, "QSAR Modeling of the inhibition of Reversetranscriptase enzyme with Benzimidazolone analogs" 4th International Symposium CTDDR-2010" held at CDRI, Lucknow, 17th to 21st Feb 2010.

6. Vineet Singh, Nishi Nayak & Meena Tiwari, "Design, Synthesis and Evaluation of some acylanilide derivatives active against prostrate adenocarcinoma" 11th Chemical Research society of India National Symposium in Chemistry" held at National Chemical Laboratory, Pune. 5th to 8th Feb 2009.

7. Vijay Kumar, Shrivastava, Sunil Kumar Singh, Vineet Singh & Meena Tiwari, "3D QSAR Modeling of Some Novel Benzothiazepines as Anti-Diabetic Agents" 60th IPA" held at New-Delhi, 12th to 14th December 2008. 8. Vineet Singh, Surendra Kumar & Meena Tiwari, "Quantitative Structure Activity Relationship of Aliphatic Sulphamates as Carbonic Anhydrase IX Inhibitors: Topological Approach" 3rd International Symposium CTDDR-2007" held at CDRI, Lucknow, 17th to 21st Feb 2007.