Neeraj Agarwal (B.Tech Biotechnology)

Soft Skills: CADD, DRUG DESIGNING, QSAR

Specialization

M.Tech: Bioinformatics

Area of Interest

Research: CADD, DRUG DESIGNING, QSAR

Innovation : Designed Novel Molecules For Curing Various Disease.

Publication - Books / Chapters / Papers / Articles / Blogs:

Papers / Articles

• A Quantitative Structure-Activity Relationship and Molecular Modeling Study on a Biaryl Imidazole Derivatives of H+/K+ ATPase Inhibitors, by Neeraj Agarwal, Anubha Bajpai, Vivek Srivastava, Satya. P. Gupta in Structural biology, Vol 2013,pp. 11, ISSN no 2356-7872.

• A Quantitative Structure-Activity Relationship and Molecular Modeling Study on a Series of Heteroaryl- and Heterocyclyl-Substituted Imidazo[1,2-a]Pyridine Derivatives Acting as Acid Pump Antagonists, by Neeraj Agarwal, Anubha Bajpai, Satya. P. Gupta, in Biochemistry Research International, Vol 2013, pp. 15, ISSN no 2090-2255.

• A Quantitative Structure-Activity Relationship and Molecular Docking Study on a Series of Pyrimidines Acting as Anti-hepatitis C Virus Agents, by Sakshi Gupta, Satya P. Gupta and Neeraj Agarwal, in Journal of Proteins & Proteomics,vol 4, No 3 2013, pp 191-216, ISSN no 0975-8151.

• A Quantitative Structure-Activity Relationship and Molecular Modeling studies on a Series of Hydroxamate analogues acting as HDACs inhibitors, by Anubha Bajpai, Neeraj Agarwal, and Amit Mishra, in International Journal of Chemical and Biological Sciences, vol 1, may 2014, ISSN no 2349-2724.

• A comperative 2D-QSAR study on a series of Hydroxamic acid based Histone-deacetylase inhibitors vice-versa COMFA as well as COMSIA, by Anubha Bajpai, Neeraj Agarwal, and Satya P. Gupta, in Indian Journal of Biochemistry & Biophysics, vol 51, june 2014, pp. 244-252, ISSN No 0975-0959.

• A Quantitative Structure-Activity Relationship and Molecular Modeling studies on a Series of Hydroxamate analogues acting as HDACs inhibitors, by Anubha Bajpai, Neeraj Agarwal, Vijay K. Agrawal, Basheerulla Shaik and Satya P. Gupta in Journal of Modern Medicinal Chemistry 10/2014; 2(2):pp. 43-59. DOI: 10.12970/2308-8044.2014.02.02.1, ISSN No 2308-8044.

• A Quantitative Structure-Activity Relationship and Molecular Docking Study on a Series of Indole-5 carboxamides Acting as Anti-hepatitis C Virus Agents, by Sakshi Gupta, and Neeraj Agarwal, in International Journal of Research and Reviews in Pharmacy and Applied science, 2014, 4(1), pp. 987-1021, ISSN No 2249-1236.

• QSAR and Molecular Modeling Studies on a Series of Potent Indole-based Pyridone Analogues Acting as Hepatitis C Virus (HCV) NS5B Polymerase Inhibitors, by Neelu Singh, Basheerulla Shaik, Neeraj Agrawal, Anita K, Vijay K. Agrawal and Satya P. Gupta, in Letters in Drug Design & Discovery. ISSN No 1570-1808.

• “Antibacterial activity of plants extracts against Methicillin-Resistant Staphylococcus aureus and

Vancomycin-Resistant Enterococcus faecalis" by Prashant Agarwal, Neeraj Agarwal, Ritika Gupta, Meenu Gupta and Bindu Sharma has been published in Journal of Microbial & Biochemical Technology, ISSN: 1948-5948 on August 23, 2016.

• "A Review on Enzymatic Treatment of Phenols in Wastewater" by Prashant Agarwal, Ritika Gupta, Neeraj Agarwal has been accepted in Journal of Biotechnology & Biomaterials, ISSN: 2155-952X, on October 20, 2016.
• "Advances in Synthesis and Applications of Microalgal Nanoparticles for Wastewater Treatment" by Prashant Agarwal, Ritika Gupta, Neeraj Agarwal has been accepted in Journal of Nanotechnology Volume 2019, Article ID 7392713, 9 pages

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