

Saptarshi Sanyal

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Academic Background:

Department of Pharmaceutical Technology, Jadavpur University, Kolkata, India
Master of Pharmacy (Pharmaceutical Chemistry)

June, 2019
GPA 8.55/10

Department of Pharmaceutical Technology, Jadavpur University, Kolkata, India
Bachelor of Pharmacy

June, 2015
GPA 7.10/10

Work experience:

1. Working as an Assistant Professor, Division of Pharmaceutical Chemistry, School of Pharmaceutical Technology, Adamas University, Kolkata. [August 2019 to present]
2. Worked as a Product Manager in Arogyam Medisoft solution, a health-care startup. Involved in the team for the development of low-cost rural health-care devices [May 2016- July 2017].
3. Worked as a Medical Sales Executive in Roche Diabetes Care Pvt. Ltd. [July 2015- February 2016].
4. Instructed undergraduate students in analytical and synthetic Chemistry laboratory during Master of Pharmacy course.

Research:

1. M. Pharm thesis: "Designing of target-specific matrix metalloproteinase 2 inhibitors (MMP-2I): Implementation of predictive and classification based QSAR in anti-cancer drug designing."
2. Submitted M. Pharm term paper and presented on "Designing of anticancer matrix metalloproteinase 2 (MMP-2) inhibitors by the structure-based drug designing strategies."

Publication:

1. **S Sanyal**, SA Amin, N Adhikari and T Jha, *QSAR modelling on a series of arylsulphonamide-based hydroxamates as potent MMP-2 inhibitors*, SAR QSAR in Environmental Research (2019), Vol 3 (4) 247- 263. DOI: 10.1080/1062936X.2019.1588159 (IF 2.227)
2. **S Sanyal**, SA Amin, N Adhikari and T Jha, *Ligand-based design of anticancer matrix metalloproteinase 2 (MMP-2) inhibitors: A review*. (Future Medicinal Chemistry, IF 3.96).
3. **S Sanyal**, SA Amin, T Jha, *Ligand-based design of anticancer matrix metalloproteinase 2 (MMP-2) inhibitors: A review*
4. Sudipta Nandi, **Saptarshi Sanyal**, Sk. Abdul Amin, Sushil Kumar Kashaw, Tarun Jha, Shovanlal Gayen, *Unmasking the structure-activity analysis (SAR) of Urea Transporters inhibitors and its implications in drug discovery*. European Journal of Pharmacology
5. **S Sanyal**, SA Amin, P Banerjee, S Gayen, T Jha; *A review of MMP-2 structures and binding mode analysis of its inhibitors to strategize structure-based drug design* Bioorganic & Medicinal Chemistry, 117044
6. D K Chellappan... **S Sanyal**, ... K Palaniveloo; *Hypoglycemic Molecules for the Management of Diabetes Mellitus from Marine Sources; Diabetes, Metabolic Syndrome and Obesity*, 2187-2223

Skills:

- Discovery Studio: Sybyl X (Ver 2.0); GOLD suite; PyMol, Chimera; Dragon, PaDEL; ChemDraw, ChemSketch, Avogadro, OpenBabel; Statistica; Anaconda; Android Studio; Google collaborative suite; Microsoft Windows and Microsoft office environment.
- Basic knowledge of SDLC and test case writing
- In depth knowledge of several academic quality assurance criteria