

Mr. Sushanta Bhattacharya
(M.Pharm, **Pharmaceutical Chemistry**,
DHSGSU, Sagar, M.P)
Assistant Professor



Mr. Sushanta Bhattacharya is a M.Pharm in Pharmaceutical Chemistry from Department of Pharmaceutical Sciences, Dr. Harisingh Gour Vishwavidyalaya, Sagar, Madhya Pradesh. He has published his research publications in reputed journals like **EJMC** which is having the impact factor of **6.514**. He is having Eight months experience as a Trainee Business Officer (**T.B.O**) & two months as Trainee Area Business Manager (**TABM**) in sales & marketing in **Aristide Healthcare Pvt. Ltd.** He is a “Registered Pharmacist” under West Bengal Pharmacy Council.

Area of Research

3D-QSAR and Molecular Docking Studies of **SGLT2 inhibitors** for the development of anti-diabetic drugs

Publication Details: Published-6

1. **Bhattacharya S**, Rathore A, Parwani D, Mallick C, Asati V, Agarwal S, Rajoriya V, Das R, Kashaw SK. An exhaustive perspective on structural insights of SGLT2 inhibitors: a novel class of antidiabetic agent. **European Journal of Medicinal Chemistry** 2020. DOI: <https://doi.org/10.1016/j.ejmech.2020.112523>. [**Impact factor: 6.514**]
2. **Bhattacharya S**, Asati V, Mishra M, Das R, Kashaw V, Kashaw SK. Integrated computational approach on Sodium Glucose co-Transporter 2 (SGLT2) Inhibitors for the development of novel antidiabetic agents. **Journal of Molecular Structure** 2020. DOI: <https://doi.org/10.1016/j.ejmech.2020.112523>. [**Impact factor: 3.196**]
3. Rathore A, Asati V, Kashaw SK, Agarwal S, Parwani D, **Bhattacharya S**, Mallick C. Recent development of piperazine and piperidine derivatives as antipsychotic agents. **Mini Reviews in Medicinal Chemistry** 2020. DOI: 10.2174/1389557520666200910092327 [**Impact factor: 3.862**]
4. Parwani D, **Bhattacharya S**, Rathore A, Mallick C, Asati V, Agarwal S, Rajoriya V, Das R, Kashaw SK. Current insights into the chemistry and antitubercular potential of benzimidazole an imidazole derivatives. **Mini Reviews in Medicinal Chemistry** 2020. DOI: 10.2174/1389557520666201102094401 [**Impact factor: 3.862**]
5. **Bhattacharya S**, Asati V, Ali A, Ali A, Gupta GD. In-silico studies for the development of novel RET inhibitors for cancer treatment. **Journal of Molecular Structure**. 2022 Mar 5;1251:132040. <https://doi.org/10.1016/j.molstruc.2021.132040> [**Impact factor: 3.196**]
6. Asati V, Bhupal R, **Bhattacharya S**, Kaur K, Gupta GD, Pathak A, Mahapatra DK. Recent updates of Indole derivatives as kinase inhibitors in the treatment of cancer. **Anti-cancer agents in medicinal chemistry**. 2022; doi: 10.2174/1871520622666220607143040 [**Impact factor: 2.505**]

Poster Presentations & Award

1. **Awarded** for standing **2nd** position in oral presentation in **National Conference** on Recent Developments in Pharmaceutical Sciences: Academia- Industry interaction Initiative sponsored by **DST-PURSE** for presenting scientific oral presentation on the topic of A 3D QSAR Study on Structural Insights Into The Active Site of Sodium Glucose Co Transporter Type 2 (SGLT2) for The Management of Type2 Diabetes Mellitus (T2DM).

2. Participated in and presented scientific poster entitled “A 3D QSAR Study on Structural Insights into the Active site of human Sodium Glucose co Transporter type 2 for the Management of of type 2 Diabetes Mellitus”. **International Conference** on Recent Trends In Mathematical, Physical & Computational Sciences (ICRTMPCS-2019) organized by Department of Mathematics & Statistics, School of Mathematical & Physical Sciences on 12-14 Dec, 2019 at Dr. H.S Gour Vishwavidyalaya, Sagar, M.P.
3. Participated in and presented scientific poster entitled “Structural Insight & 3D QSAR Studies on human Sodium Glucose co Transporter type 2 for the Management of of type 2 Diabetes Mellitus”. **National Seminar** on Science & Technology: Rural Development Students “by and for” Research Colloquium 2019 organized by The Indian Science Congress Association– Sagar Chapter on 15-16 Nov, 2019 at Dr. H.S Gour Vishwavidyalaya, Sagar, M.P.

Industrial Training Attended

Did Industrial training at STADMED PVT. LTD, Dum Dum, Kolkata, West Bengal, for the period from 18.07.2016 to 23.07.2016

