

Curriculum vitae

CHAITALI MALLICK

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Carrier Objectives:

Intend to learn about the new things for developing the skills, to apply the practical and theoretical knowledge in personal and professional lives.

Personal profile:

- Father's Name: Mr. Tarasankar Mallick
- Mother's Name: Mrs. Niva Mallick
- Blood group: A-
- Date of birth: 16th December, 1993
- Nationality: Indian
- Religion: Hindu
- Sex: Female
- Language known: Bengali, English, Hindi

Academic details:

QUALIFICATION	BOARD/UNIVERSITY	YEAR	PERCENTAGE/CGPA		
Ph.D persuing	JIS University , (Agarpara, West Bengal, India)	2024			
M. Pharm. (Pharmaceutical Chemistry)	Dr. Harisingh Gour Vishwavidyalaya (A Central University), Sagar, M.P	2018-2020	Sem	SGPA	Percentage
			I	7.50	64.33
			II	7.57	66.29
			III	8.70	75.80
			IV	9.00	86.00
			CGPA	8.11	72.13%
B.Pharm.	Maulana Abul Kalam Azad University of Technology	2014-2018	7.96 (DGPA)		
12 TH	West Bengal Council of Higher Secondary Education	2012	57.6		
10 TH	West Bengal Board of Secondary Education	2010	77.37		

Project:

- ❖ **M. Pharm:** “Computer Aided drug design of some Anti-malarial agents” under the guidance of **Dr. Sushil Kumar Kashaw** (Associate Professor, Dr. Hari Singh Gour Vishwavidyalaya).
- ❖ **B. Pharm:** “Micro Sponge Drug Delivery System” under the guidance of **Dr. Nityananda Mondal** (Associate Professor, B.C.D.A College of Pharmacy & Technology).

Experiences:

I have engaged as the assistant professor (Pharmaceutical chemistry) in the academic field from March, 2021 to till now.

Achievements:

- Qualified **Graduate Pharmacy Aptitude Test (GPAT)** in 2018
- Achieved **Third** position at the **oral presentation** in National Conference on ‘**Recent Developments in Pharmaceutical Sciences: Academia- Industry Interaction Initiative**’.

Software skills:

- Application Known: MS Word, MS Power point, MS Excel.
- Softwares known: ChemDraw, Discovery Studio, GOLD, Schrodinger, Sybyl X-2.1.1

Extracurricular activities:

Poster/Oral presentation:

- Participated in the **International Conference on ‘Recent Trends in Mathematical, Physical & Computational Sciences’** on 12-14th December, 2019 and presented **poster** entitled “**Computational approach for the development of quinoline derivatives as potent antimalarial agents**”.
- Attended in the **National Conference on ‘Recent Developments in Pharmaceutical Sciences: Academia- Industry Interaction Initiative’** and obtained **3rd** prize on 6-7th March, 2020 for **Oral presentation** entitled “**Computational approach for the development of quinoline derivatives as potent antimalarial agents**”.
- Participated in **National Conference on ‘Innovation in drug Delivery through Academic and Industry Collaboration’** organized by Bansal College of Pharmacy, Bhopal, M.P on 8th September, 2019 and presented **poster** titled “**Tumor Microenvironment and Its Exploitation for Cancer Therapy**”.
- Participated in the **National Seminar on ‘Science and Technology: Rural Development’**, The Indian Science Congress Association- Sagar Chapter at Dr. H.S Gour Vishwavidyalaya, M.P. on 15-16th November, 2019 and presented **poster** on “**Computer aided Drug Design of Quinoline derivatives for potent Antimalarial drugs**”.

Workshop:

- Attended the Workshop on ‘**SPSS software Applications**’ organized by Department of Computer Science and Application, Dr. H.S Gour Vishwavidyalaya, Sagar, M.P. on 26-27th August, 2019.
- Accomplished Workshop under the scheme of **ATAL** Academy Program sponsored by **AICTE** on 2nd-6th September, 2019.

Publications:

- ❖ Mallick C, Banerjee S, Amin SA. Novel insights into structure–activity relationships of kynurenine 3-monooxygenase inhibitors (KMOis) with emphasis on chemical space, activity landscape exploration. *Expert Opinion on Drug Discovery*. 2025 Jul 18:1-3.
<https://doi.org/10.1080/17460441.2025.2532688>
- ❖ Mallick C, Sreedevi A, Mukherjee TK, Pal D, Das R, Gautam M, Mondal S. Accessibility, detection, bioaccumulation, concentration and toxicity studies of antibiotics in fish. *Aquatic Toxicology*. 2025 Aug 5:107525.
<https://doi.org/10.1016/j.aquatox.2025.107525>
- ❖ Mallick C, Das R, Mondal S, Gautam M. Exploring Herbal Approaches for Type II Diabetes Management: A Focus on *Swertia chirayita*. *Current Traditional Medicine*. 26 February, 2024.
<http://dx.doi.org/10.2174/0122150838284991240215055924>
- ❖ Nag SD, Mallick C, Sarkar N. HIV/AIDS and Medicinal Plants/Herbs. In *Promising Antiviral Herbal and Medicinal Plants* (pp. 145-179). CRC Press.
 - eBook ISBN9781003329169
- ❖ Mallick C, Mishra M, Asati V, Kashaw V, Das R, Kashaw SK. In silico-Based Structural Prediction, Molecular Docking and ADMET Analysis of Novel Imidazo-Quinoline Derivatives as Pf Purine Nucleoside Phosphorylase Inhibitors. *Current Signal Transduction Therapy*. 2023 Mar 1;18(1):24-53.
<https://doi.org/10.2174/1574362418666221130164014>
- ❖ Mallick C, Mishra M, Asati V, Kashaw V, Das R, Iyer AK, Kashaw SK. Integrated Computational Analysis on Some Indolo-quinoline Derivatives for the Development of Novel Antiplasmodium Agents: CoMFA, Pharmacophore Mapping, Molecular Docking and ADMET Studies. *Current Signal Transduction Therapy*. 2022 Apr 1;17(1):12-58.
<https://doi.org/10.2174/1574362416666210906155929>
- ❖ 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 Oct 15;204:112523.
<https://doi.org/10.1016/j.ejmech.2020.112523>
- ❖ 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 and imidazole derivatives. *Mini Reviews in Medicinal Chemistry*. 2021 May 1;21(5):643-57.
<https://doi.org/10.2174/1389557520666201102094401>

- ❖ Rathore A, Asati V, Kashaw SK, Agarwal S, Parwani D, Bhattacharya S, Mallick C. The recent development of piperazine and piperidine derivatives as antipsychotic agents. Mini Reviews in Medicinal Chemistry. 2021 Feb 1;21(3):362-79.
<https://doi.org/10.2174/1389557520666200910092327>

Declaration:

I hereby declare that the above –mentioned information is correct up to my knowledge and I bear the responsibility of the mentioned particulars.

(Ms Chaitali Mallick)