

## **CV of BEDANTA BHATTACHARJEE**



**Name:** BEDANTA BHATTACHARJEE

**Designation:** Assistant Professor (Pharmacology)

**Department/Centre:** Pharmaceutical Science

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**Google Scholar:** <https://scholar.google.co.in/citations?user=cvuB1TMAAAAJ&hl=en>

### **Educational Qualifications:**

SL.NO.	Examination Passed	Year of Passing	Board/University	Percentage/CGPA
1.	HSLC/10 <sup>th</sup>	2013	CBSE	8.8
2.	HSSLC/10+2	2015	CBSE	83%
3.	Bachelor of Pharmacy	2019	Assam University (A Central University), Silchar	8.72 (2 <sup>ND</sup> RANK HOLDER)
4.	Master of Pharmacy (Pharmacology)	2021	Dibrugarh University	9.13 (3 <sup>RD</sup> RANK HOLDER)
5.	Diploma in Computer Application	2019	Softech Computer Education, Karimganj	---

**Work Experience:**

Name of the Organization	Designation	Period		Nature of Post (Permanent/Temporary/Ad-hoc/Contractual)
		From	To	
Girijananda Chowdhury University, Tezpur Campus	Assistant Professor	01.10.2021	Till Date	Permanent

**Awards and Honours (if any):**

Award Details	Awarding Agency	Year	Remark (if any)
Isahn Uday Fellowship	UGC	2015-2019	---
GPAT Fellowship	AICTE, Govt of India	2021	AIR-849
Full Travel Grant Awardee to attend IBRO-APRC Neuroscience School on "Understanding the Complex Interplay Between Pain and Drug Addiction: Advancing Strategies for Effective Management of Neurological Disorders" held in IIT-BHU, Varanasi, India from 10 <sup>th</sup> -16 <sup>th</sup> October, 2024	International Brain Research Organization (IBRO)	2024	Travel Grant Awardee
2 <sup>nd</sup> Best Prize in Oral Presentation during IBRO-APRC held at IIT-BHU	International Brain Research Organization (IBRO)	2024	Travel Grant Awardee
Promising Researcher Awardee	Girijananda Chowdhury University, Assam	2024	---

**Language Known:** English, Hindi, Bengali, and Assamese.

**Certificate Courses:**

- VIII Summer Internship Programme in Environmental Epigenetics (SIPEE) Organized by the **Division of Environmental Biotechnology, Genetics & Molecular Biology, ICMR-NIREH, Bhopal.**
- Participated in a **“SPARC Sponsored Indo-US Workshop on Pain & Therapeutics”** (Under MHRD), Organized by the Department of Pharmaceutics, IIT, BHU, Varanasi

### **Publications in Peer Reviewed Journals/Book Chapters**

1. Asdaq SMB, Ikbali AMA, Sahu RK, **Bhattacharjee B**, Paul T, Deka B, Fattepur S, Widyowati R, Vijaya J, Al Mohaini M, Als Salman AJ, Imran M, Nagaraja S, Nair AB, Attimarad M, Venugopala KN. Nanotechnology Integration for SARS-CoV-2 Diagnosis and Treatment: An Approach to Preventing Pandemic. *Nanomaterials* (Basel). 2021 Jul 16;11(7):1841. [IF:5.719]
2. Sahu RK, Salem-Bekhit MM, **Bhattacharjee B**, Almoshari Y, Ikbali AMA, Alshamrani M, Bharali A, Salawi A, Widyowati R, Alshammari A, Elbagory I. Mucormycosis in Indian COVID-19 Patients: Insight into Its Patho-Genesis, Clinical Manifestation, and Management Strategies. *Antibiotics* (Basel). 2021 Sep 6;10(9):1079. [IF: 5.222]
3. Kumar A, Ladha A, Choudhury A, Ikbali AMA, **Bhattacharjee B**, Das T, Gupta G, Sharma C, Sarbajna A, Mandal SC, Choudhury MD, Ali N, Slama P, Rezaei N, Palit P, Tiwari ON. The chimera of S1 and N proteins of SARS-CoV-2: can it be a potential vaccine candidate for COVID-19? *Expert Rev Vaccines*. 2022 Aug;21(8):1071-1086. [IF:5.683]
4. Bezbaruah R, Chavda VP, Nongrang L, Alom S, Deka K, Kalita T, Ali F, **Bhattacharjee B**, Vora L. Nanoparticle-Based Delivery Systems for Vaccines. *Vaccines*. 2022; 10(11):1946. [IF:7]
5. **Bhattacharjee B**, Ikbali AMA, Farooqui A, Sahu RK, Ruhi S, Syed A, Miatmoko A, Khan D, Khan J. Superior possibilities and upcoming horizons for nanoscience in COVID-19: noteworthy approach for effective diagnostics and management of SARS-CoV-2 outbreak. *Chem Zvesti*. 2023 Apr 4:1-24. doi 10.1007/s11696-023-02795-3. [IF-2.14]
6. Vivek P. Chavda, Vrashabh V. Sugandhi, Chandrakantsing V. Pardeshi, Rahul Jaywant Patil, Mit Joshi, Bhoomika Patel, Avinash Khadela, Rajashri Bezbaruah, **Bedanta Bhattacharjee**, Pankti C. Balar, Lalitkumar K. Vora, Engineered exosomes for cancer theranostics: Next-generation tumor targeting, *Journal of Drug Delivery Science and Technology*, Volume 85, 2023, 104579, ISSN 1773-2247. [IF- 5]
7. **Bhattacharjee B**, Syeda AF, Rynjah D, Hussain SM, Chandra Bora S, Pegu P, Sahu RK, Khan J. Pharmacological impact of microRNAs in head and neck squamous cell carcinoma: Prevailing insights on molecular pathways, diagnosis, and nanomedicine treatment. *Front Pharmacol*. 2023 May 3;14:1174330. [IF- 5.988]

8. Sahu RK, Ruhi S, Jeppu AK, Al-Goshae HA, Syed A, Nagdev S, Widyowati R, Ekasari W, Khan J, **Bhattacharjee B**, Goyal M, Bhattacharya S and Jangde RK (2023) Malignant mesothelioma tumors: molecular pathogenesis, diagnosis, and therapies accompanying clinical studies. *Front. Oncol.* 13:1204722. doi: 10.3389/fonc.2023.1204722. [IF- 4.7]
9. Chavda VP, Vuppu S, Bezbaruah R, Nalla LV, Gajula SN, Balar PC, Mishra T, Sharma N, Kamaraj S, Suresh T, Sairam A, **Bhattacharjee B**. Phytochemical Loaded Nanovehicles of Biopolymer for Breast Cancer: A Systemic review. *Clinical Complementary Medicine and Pharmacology*. 2023 Sep 9:100114. [Elseiver]
10. Bhattacharjee B, Bezbaruah R, Rynjah D, Newar A, Sengupta S, Pegu P, Dey N, Bora SC, Barman D. Cold Atmospheric Plasma: A Noteworthy Approach in Medical Science. *Sciences of Pharmacy* **2023**, 2(2), 46-76.
11. Deka B, **Bhattacharjee B**, Shakya A, Shivavedi N. Antiinflammatory therapy as a game-changer toward antiaging, Editor (s): Sandeep Kumar Singh, Chih-Li Lin, Shailendra Kumar Mishra, Anti-Aging Drug Discovery on the Basis of Hallmarks of Aging. Academic Press, 2022, pp. 325-351.
12. Hazarika, H, Krishnatreyya H, **Bhattacharjee B**, Rynjah D, Gogoi D, Ahmed AB (2023). Liposomal Drug Delivery in Malaria. In: Shegokar, R., Pathak, Y. (eds) *Malarial Drug Delivery Systems*. Springer, Cham, pp.161-186.
13. Deka B, **Bhattacharjee B**, Shivavedi N, Singh GK, Bhat HR, Ghosh SK, Shakya A (2023). Parkinson's disease: A Phytotherapeutic Prospective. In: Singh SP., Biral H., Keswani C, *Traditional Medicine for neuronal health*. Bentham Book, pp. 1-23.
14. **Bhattacharjee B**, Deka B, Shivavedi N, Bhat HR, Sinha SK, Ghosh SK, Shakya A (2023). Neuroprotective Role of Medicinal Plants from North Eastern Region of India. In: Singh SP., Biral H., Keswani C, *Traditional Medicine for neuronal health*. Bentham Book, pp. 103-128.
15. **Bhattacharjee B**, Paul T, Widyowati R, Sahu RK, Kaurav M (2023). Hepatoprotective Role of Medicinal Plants. In: Jain SK., Sahu RK., Soni P., Soni V., Shukla SS, *Plant-Derived Hepatoprotective Drugs*. Bentham Book, pp. 19-43.

Bedanta Bhattacharjee

**Place-** Tezpur

**Date:** 25/12/2024

**Name-** Bedanta Bhattacharjee