CV of **Arpita Paul**

Name: Arpita Paul

Designation: Assistant Professor

Address for Communication: (office): Girijananda Chowdhury University, Tezpur Campus

Mobile No.: 8638640556

WA No: 8135808382

Email: arpitatua.666@gmail.com

Sex: Female

Date of Birth: 21/02/1992

Educational Qualifications:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl. | Examination Passed | Year of passing | Board / Council / |  |
| No. |  |  | University | Specialization |
|  |  |  |  |  |
|  |  |  |  |  |
| 1 | High school | 2009 | Board of Secondary Education, Assam | - |
| 2 | Higher secondary | 2011 | Assam Higher Secondary Education Council | Science |
| 3 | B.Pharm | 2016 | Dibrugarh University | - |
| 4 | M.Pharm | 2019 | Dibrugarh University | Pharmacognosy |

Languages known: (Read, speak & write): Assamese, Bengali, English, Hindi

Academic/ Administrative Experience: None

**List of Publications:**

Pandey K, **Paul A**, Kumar M, Tayeng D, Chattopadhyay P, Zaman MK, Rudrapal M, Khan J. Phytochemical profiling and anti-diabetic study of hydroalcoholic leaf extract of Swietenia macrophylla King. Biochemistry and Biophysics Reports. 2025 Sep 1; 43: 102200.

**Paul A**, Chetia D, Zaman MK. HPTLC quantification of garcinol in three endemic *Garcinia* species of Assam, estimation of secondary metabolites and evaluation of in vitro antioxidant activity. Acta Chromatographica. 2024 Aug 26. **(IF: 1.7)**

**Paul A**, Das P, Gogoi M, Islam MA, Das S, Zaman MK. Baicalein: multiple pharmacological activities, pharmacokinetics, and clinical trials. Revista Brasileira de Farmacognosia. 2024 Aug 7:1-5. **(IF: 1.4)**

**Paul A**, Gogoi N, Chetia D, Zaman MK. Development and validation of a high- performance thin-layer chromatography method for the quantification of α- mangostin in three lesser-known *Garcinia* species of Assam. JPC–Journal of Planar Chromatography–Modern TLC. 2024 Feb;37(1):39-48. **(IF: 1.1)**

**Paul A**, Zothantluanga JH, Rakshit G, Celik I, Rudrapal M, Zaman MK. Computational simulations reveal the synergistic action of phytochemicals of *Morus alba* to exert anti-Alzheimer activity via inhibition of acetylcholinesterase and glycogen synthase kinase-3β. Polycyclic Aromatic Compounds. 2024 May 27; 44(5):3476-500. **(IF: 2.4)**

Gam S, Kumar S, Kushari S, Dutta RS, Sarma H, **Paul A**, Zaman MK. Phytochemical Screening, HPTLC Fingerprinting and Evaluation of In Vitro Cytotoxic Activity of Stem Bark Extracts of *Oroxylum indicum* (L.) Vent. Against Human Cervical Cancer Cells. Indian Journal of Clinical Biochemistry. 2024 Oct; 39(4):565-71. **(IF: 1.5)**

**Paul A**, Kumar M, Das P, Guha N, Rudrapal M, Zaman MK. Drug repurposing – A search for novel therapy for the treatment of diabetic neuropathy. Biomedicine & Pharmacotherapy, 2022; 156:113846. **(IF: 7.419)**

**Paul A**, Zaman MK. A comprehensive review on ethnobotany, nutritional values, phytochemistry and pharmacological attributes of ten potent *Garcinia* species of South-east Asia. South African Journal of Botany, 2022; 148:39–59.**(IF: 3.111)**

Muliar, G, **Paul A**, Zaman Md K. *Flemingia vestita benth-a* highly valued medicinal and edible tuber of Meghalaya. Current Trends in Pharmaceutical Research. 2022; 9: 35-46.

**Paul A**, Rajiung M, Zaman K, Chaudhary SK, Bhat HR, Shakya A. Phytochemical and pharmacological profile of *Morus alba Linn*. Current Bioactive Compounds, 2021; 17(8):15–64.

**Paul A**, Shakya A, Zaman MK. Assessment of acute and sub-chronic neurotoxicity of *Morus alba L.* fruits in rodents. Future Journal of Pharmaceutical Sciences, 2020; 6(1):1.

**Paul A**, Rajiung M, Zaman K, Chaudhary SK, Shakya A. Quantification of resveratrol in *Morus alba Linn*. fruits by HPTLC. Journal of Planar Chromatography, 2020; 33(5):481–7. **(IF: 1.088)**

Hazarika, H, Boruah S, Islam J, **Paul A**, Zaman Md K. Antimicrobial, mosquito larvicidal and repellent activity of essential oils isolated from three local species of ginger grown in upper Assam region, India. Current Trends in Pharmaceutical Research. 2020; 7(1).

Goswami DB, Nigma G, **Paul A**, Kamaruz Z. Phytochemical analysis, in vitro antioxidant and anti-urolithiatic activity of *Thladiantha ziroensis* leaves. Current Trends in Pharmaceutical Research. 2020; 6(2).

Zothantluanga, JH, Sailo N, **Paul A**, Shakya A. Pharmacognostical characterization and in vitro antioxidant activity of *Acacia pennata* (L.) Willd. leaves: A Southeast Asian medicinal plant. Science vision. 2020.

**Book Chapter:**

Zaman K, Patowary P, **Paul A**, Guha N, Gogoi M. Alcoholic and Non-alcoholic Liver Diseases: Biochemical Aspects. InCurrent Trends in the Diagnosis and Management of Metabolic Disorders 2023 Dec 14 (pp. 321-334). CRC Press.

**Paul A**, Gogoi M, Zaman K. Nanodelivery of Polyphenols as Nutraceuticals for Neurological Disorders. Polyphenols: Food, Nutraceutical, and Nanotherapeutic Applications. 2023 Oct 26:248-59.

Zothantluanga JH, **Paul A**, Umar AK, Chetia D. Drug Repurposing and Computational Drug Discovery for Parasitic Diseases and Neglected Tropical Diseases (NTDs). In Drug Repurposing and Computational Drug Discovery 2023 Oct 27 (pp. 77-109). Apple Academic Press.

Ali F, Alom S, Guha N, **Paul A**, Zaman MK. Introduction, Geographical Region, Mushrooms Diversity, Climate, Sustainability: An Overview of Mushrooms. Edible and Medicinal Mushrooms of the Himalayas. 2023 Aug 29:1-7.

**Paul A**, Zaman MK. Molecular Mechanisms to Understand Chronic Diseases and Immune Function: Application of Functional Foods and Nutraceutical Interventions. InMolecular Mechanisms of Action of Functional Foods and Nutraceuticals for Chronic Diseases 2023 Apr 19 (pp. 85-100). CRC Press.

Zothantluanga JH, **Paul A**, Sailo N, Lalthanzara H, Chetia D. Dietary Polyphenols in Parasitic Diseases and Neglected Tropical Diseases (NTDs). In Dietary Polyphenols in Human Diseases 2022 Dec 29 (pp. 195-206). CRC Press.

**Paul A**, Guha N, Zaman MK. Nanotherapeutics of phytoantioxidants for CNS disorders. Phytoantioxidants and Nanotherapeutics. 2022 Sep 12:449-76.

Ali F, Alom S, **Paul A**, Guha N, Zaman MK. Leucopaxillus giganteus (Sowerby) Singer (Giant Leucopax). 2023 Aug 30 (pp. 261-272). Royal Society of Chemistry.

Guha N, **Paul A**, Islam J, Das MK, Zaman MK. Phytosomes in functional cosmetics. In Nanocosmeceuticals 2022 Jan 1 (pp. 237-275). Academic Press.

**Seminar:**

Presented in national seminar, “*PharmaNanotech-2018*” organized by Dibrugarh University during 23rd – 24th November, 2018.

Participated in a workshop on “*Handling and Utility of Experimental Animals in Biomedical Research*” organized by Department of Pharmaceutical Sciences, Dibrugarh University during 24th– 25th October, 2019.

Presented in national seminar on “*Current Research in Drug Discovery and Development*” organized by Department of Pharmaceutical Sciences, Dibrugarh University during 13th – 14thNovember, 2019.

Participated in one day symposium on Publication Skill Development organized by Department of Pharmaceutical Sciences and IQAC Dibrugarh University on 28th February, 2022.

Participated in one day workshop on “*Animal experimentation in Research- An overview*” organized by Department of Pharmaceutical Sciences, Dibrugarh University on 8th April, 2022.

Presented in international conference on “*Recent Advances in Materials Chemistry and Catalysis*” organized by Department of Chemistry, Dibrugarh University during 1st March 2023 to 3rd March 2023.

* 1. Presented in international conference on “*Navigating the Future of Pharma & Biotech Industry: Harmonizing the industry and academia*” organized by Department of Pharmaceutical Sciences and Centre of Biotechnology, Dibrugarh University on 21st – 22nd March, 2025.
  2. **Workshop:**

Industrial Training at IPCA Laboratories Limited, Sikkim, India during the period 4th January, 2016 to 30th January, 2016.

Hands-on training Programme on “*Technological Advancement in Pharmaceutical & Health Care Research*” under DST-STUTI organized by Maulana Abdul Kalam Azad University of Technology, West Bengal in collaboration with Jamia Hamdard PMU, New Delhi during the period 4th January 2023 to 10th January 2023.

Short-term training Programme on “*Techniques in Molecular Biology*” at Regional Viral Research and Diagnostic Laboratory, ICMR-RMRC, Dibrugarh, Assam during the period 7th March 2023 to 5th April 2023.

Research Experience:

* Doctoral thesis guided: None
* Research & Consultancy Projects: Guided M. Pharm students in minor projects
* Reviewer: In some national and international journals

Membership of Professional bodies: None

**Award, Fellowship & Recognition:**

Qualified Graduate Pharmacy Aptitude Test (GPAT), 2017.

Recipient of Dr. P.D. Sethi Memorial Annual National Award 2020 for best research paper on application of TLC/HPTLC in Pharma, Herbal & Other Chemical Analysis.

Awarded Indian Council of Medical Research-Senior Research Fellowship (ICMR-SRF) (2022–2025) for doctoral research.

Recipient of 1st Prize for Best Poster Presentation at International Conference, Dibrugarh University, 2025.

Arpita Paul

Date: 08/09/2025 Name of faculty