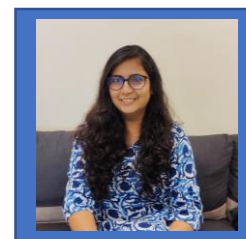


Faculty Profile Format

1. Personal Details:

- a. Name of the Faculty: Ms. Susmita Mondal
- b. Academic Degrees: M.Sc. in Zoology, University of Calcutta
- c. Department: Department of Zoology
- d. Designation: Assistant Professor
- e. Email id: susmita.dhwu@gmail.com
- f. Courses Taught: M.Sc. in Zoology
- g. Area of Research Interests: Cancer biology, Cancer stem cells, Tumor microenvironment, anticancer therapy, drug resistance etc.
- h. Teaching Experience [substantive post only]: 3 years and 10 months
- i. Administrative Experience: NIL



2. Research Publications [Last 5 Years]:

Serial No.	Title of the Research Paper	Level [international/national/state]	ISBN/ISSN	Name of the Publishing Agency	Year of Publication
1	Guttiferone BL from the Fruits of <i>Allanblackia gabonensis</i> Induces Mitochondrial-Dependent Apoptosis in PA-1 Ovarian Cancer Cells	International	1110-7243 (print) 1110-7251 (web)	BioMed Research International-Hindawi	2023
2	Desialylation of Sonic-Hedgehog by Neu2 Inhibits Its Association with Patched1 Reducing Stemness-Like Properties in Pancreatic Cancer Sphere-forming Cells	International	2073-4409	Cells-MDPI	2020
3	Connecting signaling and metabolic pathways in EGF receptor-mediated oncogenesis of glioblastoma	International	1553-734X (print); 1553-7358 (web)	PLOS Computational Biology-PLOS	2019

4	Nutritional stress reprograms dedifferentiation in glioblastoma multiforme driven by PTEN/Wnt/Hedgehog axis: a stochastic model of cancer stem cells	International	2058-7716	Cell Death Discovery -Nature Publishing Group	2018
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3. Research papers presented in conferences/seminars [Last 5 years]:

Serial No	Title of the Paper Presented	Title of the seminar/conference	Level [international/national/state]	Name of the organiser	Date
1.	Curry Leaves: Good Food & Better Life	Chemistry in Daily Life	International	Dept. of Chemistry, DHWU	24 th Nov 2022
2.	mTORC2 promotes propagation of GBM cancer stem cells by activating Hedgehog pathway through Gli2 nuclear translocation	Current Trends In Chemistry	International	Dept. of Chemistry, DHWU	10 th Jan 2020
3.	Participated	A modern outlook in Molecular Biology and Environmental Modelling – Now and Beyond	International	Department of Zoology, Government General Degree College, Mohanpur	20 th September 2020

4. Research Projects: NIL

Serial No.	Title of the Research Project(s)	Funding Agency	Date of Award	Duration of the Project	Research Grants Amount	Status of the Project

5. E-learning material, if any: NIL

Course Details	Name of the Institution	Date/year of uploading	Quadrant I, II, III, IV	Link

6. Research Supervision (Ph.D./M.Phil.): NIL

Serial No.	Name of the student	Research Topic	Name of the institution	Date of Registration	Year of Award of the Degree

7. Programmes Conducted / Organised as Convenor / Organising Secretary at DHWU [Last Five Years]

Serial No.	Date	Name of the Programme	Sponsored By	Acted as
1.	25 th November 2022	One Day National Symposium on <i>"Evolution of Homo sapiens: Through the looking-glass of ancient DNA."</i>	Indian National Science Academy (INSA)-Kolkata Chapter in collaboration with Diamond Harbour Women's University	Member
2.	29 th September 2020	One Day International Webinar On <i>"Challenges and Prospects of Cancer Therapeutics."</i>	Department of zoology, DHWU	Organising Secretary

8. Other Relevant Information, if any:

Serial No.	Achievements / Awards	Assignment Details [Membership of Professional Bodies/Editorial Board/BOS/BORS etc.]
		Member PGBOS, DHWU

Date: 17.04.2023