

## **PROF. (DR.) MANORMA KUMARI**

### **Achievements (2017 to 2020)**

1. Name: **Prof.(Dr.) Manorma Kumari**
2. Designation: University Professor
3. Working Place: Dept. of Botany, A. N. College, Patna (Patliputra University).
4. Qualification: M.Sc., Ph.D.
5. Field of Specialization: Cyto-genetics & Plant Breeding.
6. Research activities:

- i. a) Publication in peer reviewed journal.

S. No.	Author(s)	Title of the Paper	Name of Journal	ISSN No.	Year
1.	Akhouri V, <b>Kumari M</b> , Kumar A.	Therapeutic effect of <i>Aegle marmelos</i> fruit extract against DMBA induced breast cancer in rats.	Scientific Reports.	2045-2322	Published 2020
2.	Akhouri V, Kumar A, <b>Kumari M</b> .	Antitumour Property of <i>Pterocarpus santalinus</i> Seeds Against DMBA-Induced Breast Cancer in Rats.	Breast Cancer: Basic and Clinical Research.	1178-2234	Published 2020
3.	Kumari B, <b>Kumari M</b> .	Comparative study of antimicrobial activity of <i>Tinospora cordifolia</i> fruits extract in different solvents	Flora and Fauna	2456-9364	Published 2018
4.	Ranjan N, Sinha P, <b>Kumari M</b> .	In vitro screening for antiacetylcholinesterase and antioxidant activity of <i>Piper longum</i> L.	Annals of Plant Sciences	2287-688X	Published 2018
5.	Yadav PP, Prabhat VK, <b>Kumari M</b> .	Ethnobotanical study of some herbal plants of Jehanabad district, Bihar.	Research in environment and life sciences.	0974-4978	Published 2018
5.	Ranjan N, <b>Kumari M</b> .	Acetylcholinesterase inhibition by medicinal plants: A Review	Annals of Plant Sciences	2287-688X	Published 2017

6.	Ranjan N, <b>Kumari M.</b>	Inhibitory activity of Acetylcholinesterase (AChE) and Antioxidant activity of methanolic extract of <i>Desmodium gangeticum</i> (L.)	International Journal of Bioassays	2278-778X	Published 2017
----	-------------------------------	---	------------------------------------	-----------	----------------

b) Publication in Conference Proceedings.

S. No.	Title of the Paper	Conferences/ Seminars	Organised by	Remarks
1.	Therapeutic effects of <i>Pterocarpus santalinus</i> seeds against DMBA induced breast cancer in rats.	8 <sup>th</sup> International Translational Cancer Research Conference	Banaras Hindu University, Varanasi	13-16 Feb 2020
2.	Acetylcholinesterase inhibitory, Antioxidant activity, Total phenol, Total Flavonoids and LC-MS profiling of <i>Eclipta alba</i> L.	107 <sup>th</sup> Indian Science Congress	University of Agricultural Sciences, Bengaluru.	Plant Sciences 03-07 Jan 2020
3.	Study of anti-cancer activity of <i>Aegle marmelos</i> on DMBA induced breast cancer in rats.	World Congress of Ayurveda	Banaras Hindu University, Varanasi	14-16 March 2019
4.	Estimation of Total phenol, Total flavonoid content and phytochemical screening of methanolic extract of <i>Piper longum</i> L.	106 <sup>th</sup> Indian Science Congress	Lovely Professional University, Jalandhar.	Plant Sciences 03-07 Jan 2019.

ii. Research Project: Completed-1

Title of the Project	Major/Minor	Period (from to)	Name & address of the institution sponsoring the project	Status
<b>1.</b> <i>In vitro</i> screening for Acetylcholinesterase inhibition and Antioxidant activity of selected Medicinal Plants.	<b>Major</b>	2015-18	University Grants Commission, New Delhi, India	Completed 2018

iii. No. of Ph.D. students Awarded/submitted: **3**

S. No.	Name of the scholar	Topic	University registered	Status
1.	Bibha Kumari	Comparative studies of Antimicrobial effects of Phytochemicals extracted from <i>Tinospora cordifolia</i> (Wild) and <i>Ficus racemosa</i> L.	Magadh University, Bodh Gaya	Awarded Dec. 2020
2.	Pawan Prakash Yadav	Ethnobotanical investigations of some plants of Jehanabad District (Bihar).	Magadh University, Bodh Gaya	Submitted
3.	Vivek Akhouri	Study of <i>in vitro</i> Antioxidant Activity and Anti-tumor effect of <i>Pterocarpus santalinus</i> and <i>Aegle marmelos</i> on DMBA induced Breast carcinogenesis in Rats.	Magadh University, Bodh Gaya	Submitted