


Dr. Prerana Aditi

Title	Dr.	First Name	Prerana	Last Name	Aditi	
Designation	Assistant Professor					
School/Dept.Name	Department of Medical Biochemistry, Faculty of Allied Health Sciences,					
Address:	Department of Medical Biochemistry, Faculty of Allied Health Sciences, Mahayogi Gorakhnath University Gorakhpur. U.P.					
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	Residence	(optional)				
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Email	1. prernaaditi.ahs@mgug.ac.in		2. preranaaditifatehpur@gmail.com			
Web Page (if any)	NO					
Subjects Taught	Bioinstrumentation, Clinical Biochemistry, Microbiology and Industrial Applications, Medical Immunology Lab, Clinical Pathology Lab					
Areas of Interest/Specialization	Biochemistry, Molecular Biology, Immunology					
Experience (in years)	Total					
	Industry					
	Teaching	~3 month (Currently working from 06 February 2024)				
	Research	2 year 7 month after Ph.D				
Educational Qualifications	UG	B.Sc. Biochemistry Hons. From Gaya College Gaya (2009-2012), 75.6%				
	PG	M.Sc. Biochemistry from Banaras Hindu University (2012-2014), 77.4%				
	Doctorate	Ph.D Biochemistry from Banaras Hindu University, September 2015-June 2021				
	Anyother	ICMR-Research Associate from Banaras Hindu University and ICMR-RMRIMS Patna, 01 July 2021- 05 February				

Research
Publications in
Journals
(last 5 years)

1. **Prerana Aditi**, Shivani Srivastava, Harsh Pandey, Yamini Bhusan Tripathi, "Toxicity profile of honey and ghee, when taken together in equal ratio", *Toxicology Reports*, 2020, 7(2020),624-636.
2. **Prerana Aditi**, Y.B. Tripathi, "Antioxidative and hypolipidemic effect of *Pueraria Tuberosa* water extract (PTWE) in rats with high fat diet induced non-alcoholic fatty liver disease (NAFLD)", *International Journal Of Pharmaceutical Sciences And Research*, 2020, 11(1), 1000-09.
3. M. S. Basu, B. Mukhopadhyaya, Suyash Tripathi, Sushil K. Dubey, Pratibha Tripathi, Krishna Deva, Rohit Yadav, Girish Singh, T. B. Singh, **Prerana Aditi** and Yamini Bhusan Tripathi *, "Isotone, An Herbal Eye drops, Improves Cataract-Induced Blindness : A Retrospective Observational Study", *International Journal Of Pharmaceutical Sciences And Research*, 2023; Vol. 14(1): 1000-13, 01 January 2023.
4. Ashish Kumar Singh, Shivangi Yadav, Kavanjali Sharma, Zeba Firdaus, **Prerana Aditi**, Kaushik Neogi, Monika Bansal, Munesh Kumar Gupta Asheesh Shanker, Rakesh Kumar Singh and Pradyot Prakash*, "Quantum curcumin mediated inhibition of gingipains and mixed-biofilm of *Porphyromonas gingivalis* causing chronic periodontitis†", *RSC Adv.*, 2018, 8, 40426-40445.
5. Ashish singh, Himanshu Mishra, Zeba firdaus, Shivangi Yadav, **Prerana Aditi**, Nabarun Nandy, Kavyanjali Sharma, Priyanka Bose, Akhilesh Pandey, Brijesh Chauhan, Kaushik Negi, Vikram Kunwar, Anchal Srivastava, Amrita kar, Prakash Pradyot*, "MoS₂-modified Curcumin Nanostructures: The Novel Theranostic Hybrid having Potent Antibacterial and Antibiofilm activities against Multi-Drug-Resistant Hyper virulent *Klebsiella pneumoniae*", *Chemical Research in Toxicology*, 2019, 19; 32(8): 1599-1618. doi: 10.1021/acs.chemrestox.9b00135.

Papers Published/Presented in Conference/Workshop Proceedings (last 5 years)	<ol style="list-style-type: none"> 1. 92nd Annual Meeting, Society Of Biological Chemist (India)– 2023: Toxicity profile of honey and ghee, when taken together in equal ratio 2. Guest speaker in two days workshop on “Women in STEM” with the topic “Role of science and Technology in Women Empowerment” held during 6th -7th March 2023 in Pranveer Singh Institute of Technology, Kanpur, India. 3. World Congress of Ayurveda, Banaras Hindu University-2019: Protective effect of <i>Pueraria tuberosa</i> water extract (PTWE) in CCl4 induced liver injury rats” 4. International Conference on Trends in Biochemical and Biomedical Research (Advances And Challenges, TBBR-2018): Antioxidative and Hypolipidemic effect of <i>Pueraria tuberosa</i> in rats with high fat diet induced non-alcoholic fatty liver diseases. 		
Books Authored/Book Volume Chapters	<ol style="list-style-type: none"> 1. Book Chapter: 6 - Gut Microbiome and Metabolic Syndrome (Shivani Srivastava, Prerana Aditi, and Durgavati Yadav) in Book “The Metabolic Syndrome Dietary Supplements and Food Ingredients”. January 2023. 		
No. of Conferences	National	Attended 3	Organized
Research Guidance	Awarded	PG	M.Phil
Research Projects	Completed	1	
Awards & Distinctions	CSIR-NET GATE		
Undergoing			Doctorate
Undergoing	0		

	ICMR-SRF/RA
Administrative Assignments Handled	0
Association with Professional Bodies	NO
Any other Achievements	NO