

Dr. Umashree Yadav

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CURRENT POSITION

Currently working as Assistant Professor (Guest) in Department of Zoology, Maharaja Suhel Dev University, Azamgarh from October 2024 onward. Teaching responsibilities include undergraduate and postgraduate courses. My long-term goal is to establish myself as an enthusiastic teacher and researcher.

EDUCATIONAL QUALIFICATIONS

August 2023

Doctor of Philosophy [PhD] in Zoology, Faculty of Medicine, Institute of Medical Sciences, Banaras Hindu University, Varanasi, UP, India

Thesis topic: Assessment of peripheral artery disease (PAD) by using Doppler ultrasound-based ankle - brachial pressure index (ABPI) measurement in obese/normal weight type 2 diabetes mellitus patients.

Supervisor: Dr. Kumar Sarvottam, Additional Professor, Department of Physiology, AIIMS, Gorakhpur, India

Co supervisor: Dr. Nilesh Kumar, Professor, Department of General medicine, Institute of medical Sciences, Banaras Hindu University, Varanasi, UP, India

June 2017

Master of Science [M.Sc.] in Zoology, Department of Zoology, Institute of Science, Banaras Hindu University, Varanasi, UP, India

Marks: 79.1%

Dissertation topic: Upregulation of pyroglutamylated RFamide peptide and its receptor GPR103 in benign hyperplastic prostate in rat

Supervisor: Prof. Shivo Kumar Singh, Department of Zoology, Institute of Science, Banaras Hindu University, Varanasi, UP, India

July 2015

Bachelor of Science [B.Sc.] in Zoology (Hons.), Department of Zoology, Institute of Science, Banaras Hindu University, Varanasi, UP, India

Marks: 79.9%

May 2011

Intermediate [CBSE], Dr. Rizvi Learners Academy, Jaunpur, UP, India

Marks: 85 %

May 2009

High school [CBSE], Radhika Bal Vidya Mandir, Jaunpur, UP, India

Marks: 78.8%

ADDITIONAL QUALIFICATION

GATE (2017, Life Science)

Joint CSIR-UGC NET (2017, Life Science)

PUBLICATIONS

- Yadav, U., Kumar, N., Sarvottam, K. (2024). Obese have comparable ankle brachial pressure index but higher β -cell function and insulin resistance as compared to normal-weight type 2 diabetes mellitus patients. *Acta Diabetologica*, 61(10). <https://doi.org/10.1007/s00592-02402379-x>
- Yadav, U., Kumar, N., Sarvottam, K. (2023). Role of obesity related inflammation in pathogenesis of peripheral artery disease in patients of type 2 diabetes mellitus. *Journal of Diabetes and Metabolic Disorders*, 22(1), 175–188. <https://doi.org/10.1007/s40200-023-01221-5>
- Yadav, U., Sarvottam, K., Kumar, N. (2023). Ankle brachial pressure index correlates with abdominal volume index in normal weight type 2 diabetes mellitus patients. *Indian J Physiol Pharmacol*, 67(4), 245-250.
- Ranjan, P., Sarvottam, K., Yadav, U. (2021). Association between modified ankle-brachial pressure index and indices of adiposity. *Indian J Physiol Pharmacol*, 65(1), 21-27. <https://dx.doi.org/10.25259/IJPP-206-2020>
- Sarvottam, K., Ranjan, P., Yadav, U. (2020). Age group and gender-wise comparison of obesity indices in subjects of Varanasi. *Indian J Physiol Pharmacol*, 64(2), 109-117. <https://dx.doi.org/10.25259/IJPP-103-2020>
- Kumar, A., Sarvottam, K., Vishwakarma, S., Yadav U. (2021). Blood group and gender wise comparison of big five models of personality among medical students. *National Journal of Physiology Pharmacy and Pharmacology*, 11(1),41–46.

ABSTRACTS PRESENTED IN NATIONAL / INTERNATIONAL CONFERENCES

1. Umashree Yadav, Kumar Sarvottam, Prabhat Ranjan (2019). Age and gender wise anthropometric variations in subjects reporting for checkup at tertiary health care center; National conference on Frontiers in Health Sciences held dated 11th – 12th March, 2019 at IMS, BHU, Varanasi, India (Poster presentation).
2. Umashree Yadav, Kumar Sarvottam, Nilesh Kumar, Zoha Deebea Khan (2021). Comparison of obesity indices among normal weight and obese type 2 diabetes mellitus patients; 10th Annual Conference of Association of Physiologists and Pharmacologist of India (UP – UK APPICON – 2021) held dated 12th – 13th November, 2021 at AIIMS Rishikesh, Uttarakhand, India (oral presentation)
3. Umashree Yadav, Kumar Sarvottam, Nilesh Kumar (2022). Ankle brachial pressure index correlates with abdominal volume index in normal weight type 2 diabetes mellitus patients; 8th An International conference of Association of Physiologists of India (ASSOPICON – 2022) held dated 12th – 16th October, 2022 at AIIMS, Nagpur, Maharashtra, India (Poster presentation; **Received Best Presentation Award**).
4. Zoha Deebea Khan, Umashree Yadav, Kumar Sarvottam, Nilesh Kumar (2022). Effect of electroconvulsive therapy on muscles strength parameter in patients with dipression; 8th An International conference of Association of Physiologists of India (ASSOPICON – 2022) held dated 12th – 16th October, 2022 at AIIMS, Nagpur, Maharashtra, India (Poster presentation)
5. Umashree Yadav, Kumar Sarvottam, Nilesh Kumar (2022). Ankle brachial pressure index correlates with plasma adiponectin and parameters of body composition in type 2 diabetes mellitus patients; 68th Annual Conference of Association of Physiologists and Pharmacologist of India (APPICON – 2022) held dated 12th – 15th December, 2022 at PGIMER Chandigarh, India
6. Participated in National E- Symposium on Inculcation of Research and Innovation Spirit in Postgraduate Medical Students and Faculty held on 20th – 21st march 2021 at IMS, BHU, Varanasi, India
7. Attended the National CME on Exercise and Lifestyle Medicine: An Odyssey from Basics to intervention, held on 30th November 2021 at AIIMS, Raipur, Chhattisgarh, India

WORKSHOPS

1. Workshop on “Non – Invasive Assessment of Vascular Aging in human” in 68th Annual Conference of Association of Physiologists and Pharmacologist of India (APPICON - 2022) held on 12th December 2022, GMCH, Chandigarh. (**As participant**).
2. Workshop on “Attention Biasness, Eye Tracking and ABPI for Yoga Research” in 68th Annual Conference of Association of Physiologists and Pharmacologist of India

(APPICON- 2022) held on 12th December 2022, GMCH, Chandigarh. (**As Resource Faculty**).

3. Workshop on “Hands-on Systematic Review, Cost-effectiveness and Meta-analysis” organized by Department of Molecular Biology, Institute of Medical Sciences, Banaras Hindu University, Varanasi. (**As participants**)
4. Workshop on “How to write a research paper” organized by Department of Political Science, Maharaja Suhel Dev University, Azamgarh. (**As participant**)

AWARD

- Received 1st prize for Best Poster Presentation in 8th, An International conference of Association of Physiologists of India, held dated 12th – 16th October 2022, at AIIMS, Nagpur, Maharashtra, India

SKILLS

- Histology and Immunohistochemistry
- Enzyme linked Immunosorbent Assay (ELISA)
- Microscopy
- Gel Electrophoresis, SDS-PAGE, Western Blot analysis
- Physiological recording devices (Doppler ultrasound)
- Statistical software – SPSS and GraphPAD prism software

ADMINISTRATIVE RESPONSIBILITIES

- Member – Research and Development Cell Maharaja Suhel Dev University, Azamgarh
- Member– Seminar, Conference and Workshop Cell, Maharaja Suhel Dev University, Azamgarh
- Member - Anti-Ragging Squad, Maharaja Suhel Dev University, Azamgarh

ADDITIONAL INFORMATION

Non – editorial journal roles

Peer- Reviewer

- Journal of diabetes and metabolic disorder
- Journal of diabetes and its complication
- International microbiology

Scientific Societies

Indian Journal of Physiology and Pharmacology