

Krishna Kant, Ph.D.
SGPGIMS, Lucknow, UP, India



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TRAININGS

- July, 2023 - onwards** **Tutor (Biochemistry), CMT & AHSc,** Sanjay Gandhi Post Graduate institute of Medical Sciences, Lucknow, India.
- Jan, 2019 – Jan, 2022** **Senior Demonstrator,** Department of Molecular Medicine & Biotechnology, Sanjay Gandhi Post Graduate institute of Medical Sciences, Lucknow, India.
- Jul, 2013 – Jan, 2019** **Ph.D. candidate at** Department of Biophysics, All India Institute of Medical Sciences, New Delhi, India.

EDUCATION

- 2019** **Ph.D. in Medical Sciences,** All India Institute of Medical Sciences, New Delhi, India.
Ph.D. Thesis: “Role of Human Epididymis protein – 4 (HE-4) in infertility”.
Supervisors: **Prof. Savita Yadav,** Department of Biophysics, All India Institute of Medical sciences, New Delhi, India.
- 2009** **Master of Biochemistry with first class**
Dissertation Topic: “Extraction and Isolation of bio-molecules from lower plants” (NBRI, Lucknow).

AWARDS AND HONOURS

1. Qualified Council of Scientific and Industrial Research Exam (CSIR)- University Grants Commission (UGC), National Eligibility Test (NET) Examination, India (December 2011).
2. Awarded Indian Council of Medical Research – Junior Research Fellowship Examination (ICMR-JRF) 2012
3. Qualified Graduate Aptitude Test in Engineering (GATE) Life Sciences Examination, India, 2013.
4. Elected as Vice Chairman of Society of Young Scientist (SYS) 2015-16 and organizing member of the SYSCON 2016.
5. Trained the community medicine personnel for samples and data collection at Pondicherry Institute of medical Sciences (PIMS), India, August - September 2019.

MEMBERSHIP

1. PCOS (Poly Cystic Ovarian Syndrome) Society of India

TECHNICAL EXPERTISE

- **Animal Handling:** Rat & Mice easily handled.

- **Proteome, Biochemistry and Cell culture:** Immunohistochemistry, Purification of recombinant protein, protein purification, SDS-PAGE, ELISA, Western blotting, Phase contrast, light, Inverted and Fluorescence microscopy, enzyme or protein activity assays and other techniques, DIGE, LCMS.
- **Molecular Biology:** DNA & RNA isolation, PCR, RT-PCR, DNA purification, ligation, cloning such as sticky, blunt end,

RESEARCH OUTCOMES

PEER REVIEWED PUBLICATIONS

1. **Krishna Kant**, Anil Kumar Tomar, Pankaj Sharma, Bishwajit Kundu, Sarman Singh and Savita Yadav. Human Epididymis Protein 4 Quantification and Interaction Network Analysis in Seminal Plasma. Protein & Peptide Letters. PMID: 30919767.
2. **Krishna Kant**, Anil Kumar Tomar, Sarman Singh, Savita Yadav. Ageing associated proteomic variations in seminal plasma of Indian men. Journal of Proteins and Proteomics. DOI: <https://doi.org/10.1007/s42485-019-00013-x>.
3. Biswajit Sahoo, **Krishna Kant**, Neeraj K. Rai, Dharmendra Kumar Chaudhary. Identification of T-Cell Epitopes in Proteins of Novel Human Coronavirus, SARS-Cov-2 for Vaccine Development. International Journal of Applied Biology and Pharmaceutical Technology.
4. **Krishna Kant**, Anil Kumar Tomar, Savita Yadav. Environmental factors and reproductive health, Environmental Impacts on Reproductive Health. ISSRF 2016.
5. Indu Lata, **Krishna Kant**, Prabhakar Mishra. Glycosylated Fibronectin as a biomarker to predict gestational diabetes mellitus in the first trimester of pregnancy. J Family Med Prim Care 2025; 14:2484-9.

Place: Lucknow, India

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