**Krishna Kant, Ph.D.**

**SGPGIMS, Lucknow, UP, India**

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**EDUCATION**

**2017 Ph.D.** in **Medical Sciences,** from **Department of Biophysics**, 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,** from Lovely Professional University, Punjab, India with **first class**

Dissertation Topic: “Extraction and Isolation of bio-molecules from lower plants” (NBRI, Lucknow), Lovely Professional University, Punjab-144411

**2006 Bachelor of Science (Botany, Chemistry, Zoology),** VBS Purvanchal University, Uttar Pradesh, India with **Second class**

**TRAININGS**

**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.

**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](https://www.researchgate.net/profile/Pradyumna-Mishra/publication/295857525_Environmental_Impact_on_Reproductive_Health/links/56ce868608ae85c8233e97c5/Environmental-Impact-on-Reproductive-Health.pdf#page=13), Environmental Impacts on Reproductive Health. ISSRF 2016.
5. Indu Lata, **Krishna Kant**, Swasti Tiwari, Prabhakar Mishra. To study the Biomarker Glycosylated Fibronectin as a predictor of gestational Diabetes in first trimester in north Indian Population: A pilot study (**Communicated**)

**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 (Under ICMR Extramural grant)

**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,

**MEMBERSHIP**

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

**CONFERENCE PRESENTATIONS**

1. Tomar AK, **Krishna Kant**, Sooch BS, Singh S, Yadav S. Aggregation analysis of Concanavalin A binding proteins of human seminal plasma, Jamia Milia Islamia, New Delhi, February 2015 (Poster Presentation).
2. **Krishna Kant**, Anil Kumar Tomar, Sarman Singh, Savita Yadav, Deciphering the role of human epididymal proteins 4 in human seminal plasma, ISSRF-2017, All India Institute of Medical Sciences, New Delhi.(Poster Presentation).
3. Indu Lata, **Krishna Kant**, Swasti Tiwari, Prabhakar Mishra.To study the Biomarker Glycosylated Fibronectin as a predictor of Gestational diabetes in first trimester in north Indian population. SGPGIMS Research Day Celebration-December 2021 (Poster Presentation)

**Place:** Lucknow, India Krishna Kant