

Prateek Singh

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EDUCATION

University of Lucknow

Lucknow, UP (2024)

- Master of Science in Biotechnology
- Thesis: Exploring the Anti-apoptotic effects of hcmv-miR-UL70-3p in A549 cells
- Research Assistant to Dr. Sunil Babu Gosipatala, Associate Professor, Department of Biotechnology, BBAU.

Invertis University

Bareilly, UP (2022)

- Bachelor of Science in Biotechnology (Honours)
- Poster: Is it somehow possible to improve human personality through genetics? Presented at 6th International Conference at GenoPro-2019

St. Joseph's Senior Secondary School

Puranpur, UP (2019)

- Senior Secondary Education (Intermediate)
- Physics, Chemistry and Biology

EXPERIENCE

ICAR-Indian Veterinary Research Institute

Bareilly, UP (October 24-Present)

Project Associate- I

- Project: Development of Recombinant Fowlpox Virus Vector Based Avian Infectious Laryngotracheitis (ILT) Vaccine Candidate
- PI: Dr. Vikramaditya Upmanyu, Senior Scientist, Division of Biological Standardization, ICAR-IVRI, Bareilly

SKILLS

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|-----------------------|----------------------|-----------------------|
| • Cell Culture | • DNA/RNA Extraction | • dPCR |
| • Transfection | • Plasmid Isolation | • ELISA |
| • Western Blotting | • SDS-PAGE | • RE Digestion |
| • Confocal Microscopy | • Virus Isolation | • Gel Electrophoresis |
| • SEM | • Bioinformatics | • HA-HI |

CERTIFICATES

- Molecular Docking (**Biogrademy**)- Certificate no: BL24MDC1231
- Python-Introduction to Data Science and Machine learning A-Z (**Udemy**)- Certificate no: UC-2c30fcb7-dc64-4bb1-8334-c6a320abd6b5

TRAINING & WORKSHOP

- Participated at SILVER JUBILEE, 25th INDO-US Flow cytometry Workshop on “**Flow Cytometry and its Applications in Biology**” Jointly Organized by TETC, India and Department of Biotechnology and Department of Pharmaceuticals Sciences, held at BBAU, Lucknow, India on 3rd & 4th February, 2024.

LANGUAGES

- English- Professional working proficiency
- Hindi- Native or bilingual proficiency