

1. Title: Isolation and characterization of bacteriophages targeting food borne pathogens from sewage samples of livestock farm.

2. Principal Investigator: Dr. Anjay

Assistant Professor cum Junior Scientist

Department of Veterinary Public Health & Epidemiology

Bihar Veterinary College, Bihar Animal Sciences University, Patna

3. Budget: 8,00000/-

4. Year of start of project: 29.05.2019

5. Salient achievements: Nil

6. Future projections:

- a. Bacteriophages against *Salmonella*, *E. coli*, *Aeromonas* and *Staphylococcus aureus* will be isolated, purified and amplified
- b. Bacteriophages will be characterized for morphology, Physio chemical, protein and partial genomic material.
- c. In Vitro application of phage for future use.