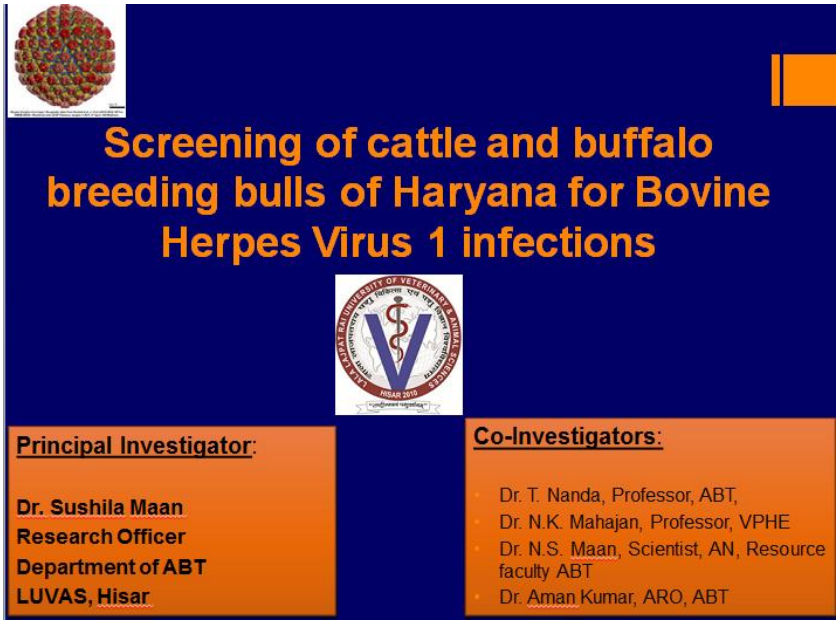
Year 2014-2015

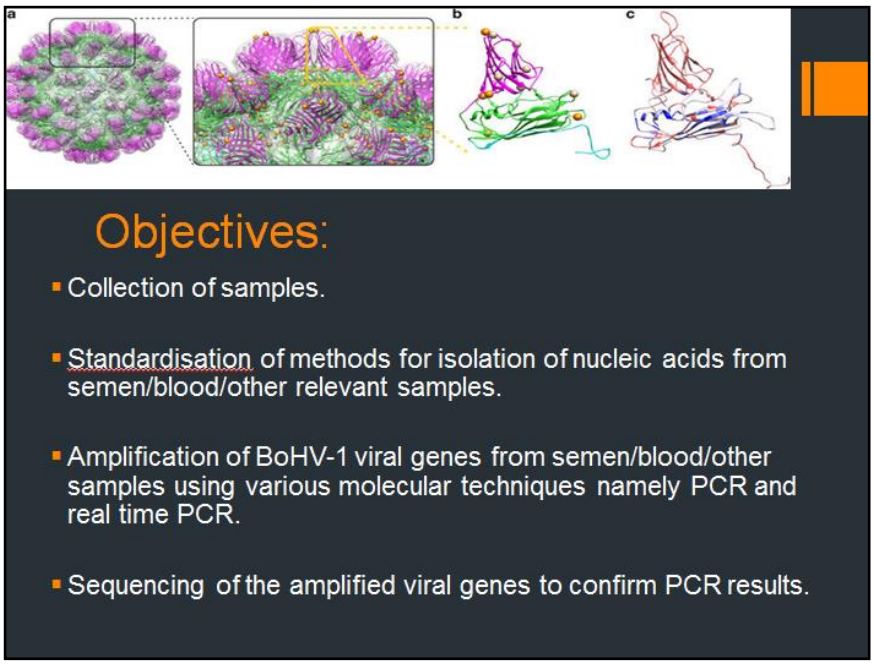
Title: Screening of cattle and buffalo breeding bulls of Haryana for Bovine Herpes Virus 1 infections

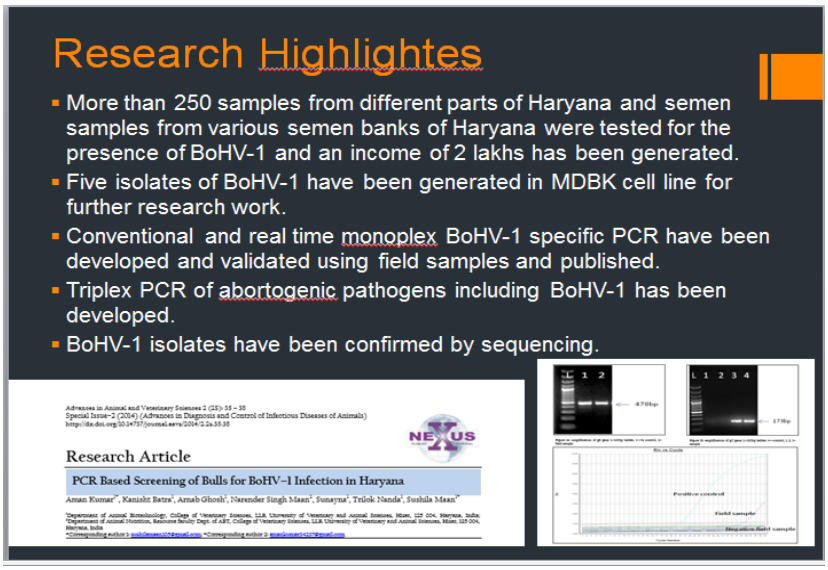
RKVY Scheme no. (4028 C (g) ABT-7OA (RKVY)

Total budget: 40.00 lakhs

Some salient achievements are shown below:







Physical achievements:

Technology developed:

- PCR assay has been developed and evaluated based on four different genes (gB, gC, gD, and gE) of the virus.
- Conventional and real time monoplex and multiplex PCRs assays have been developed for IBR and published.
- A triplex real time PCR have been developed for three abortogenic pathogens.

- ❖ Five IBR isolates have been generated in MDBK cell line from recent samples which can be used for further research and development of vaccines.

Facilities generated:

Purchased Lyophilizer with accessories for storage of reagents and pathogens.

Beneficiaries:

1. Livestock farmers of different communities.
2. State Animal Husbandry Department and Semen banks managed by Haryana Livestock Development Board (HLDB).