

Sl. No.	Title of the project	Duration	PI& Co-PIs Co-I
Institute Funded			
1.	Surveillance of exotic and emerging animal diseases in Indian and imported livestock & poultry and their products	April, 2009 - Continuing	V. P. Singh H.V. Murugkar, C. Tosh, N. Mishra, S. Bhatia, S. Nagarajan, Richa Sood, G. Venkatesh, K. Rajukumar, A. Mishra, Atul K. Pateriya, Manoj Kumar, S. B. Sudhakar, , Fateh Singh, S. Kalaiyarasu, Senthil Kumar D., P. Gandhale, Naveen Kumar,
2.	Surveillance of wild birds for avian influenza viruses in the wetlands of India	Oct, 20 to Sep-22	C. Tosh , Manoj kumar, S. Nagarajan, H.V. Murugkar
3.	Evaluation of in-contact transmission potential of H5 avian influenza viruses in Crows	Oct, 20 to Sep-22	Manoj Kumar , C. Tosh, S. Nagarajan, H.V. Murugkar
4.	Development and evaluation of recombinant P32 antigen based ELISA for detection of Lumpy Skin Disease virus (LSDV) antibodies in cattle.	Oct, 20 to Sep-23	S B Sudhakar , S Kalaiyarasu, N Mishra
5.	Development of CRISPR/Cas12a based diagnostic test for rapid detection of African Swine Fever (ASF) virus.	Oct, 20 to Sep-22	Senthil kumar D , K Rajukumar, G Venkatesh, Fateh Singh
6.	Investigation of porcine faecalmetavirome to elucidate evolutionary relationships of viruses.	Oct, 20 to Sep-22	Fateh Singh , K Rajukumar, G Venkatesh, Senthilkumar D,
7.	Development of Lateral Flow Assay for detection of Avian Influenza infection.	April, 2019-March, 2021	Atul K. Pateriya , S. Bhatia, Richa Sood, Naveen Kumar
8.	Development of broadly protective H5 and H9 avian influenza vaccines	April, 2019-March, 2021	S.Bhatia , Richa Sood, Atul K. Pateriya, Naveen Kumar
ICAR funded schemes			
1.	CRP on Vaccine and Diagnostics		
<i>1.1</i>	Sub-project 1: Development of antibody based rapid test for detection of H5 Avian influenza in poultry.	Aug, 2015 - Mar, 2021	G. Venkatesh , S.Nagarajan, D.Senthil Kumar, Richa Sood
<i>1.2</i>	Sub-project 2: : Development of NS3 specific monoclonal antibody based BVDV diagnostic	Oct, 2018- Mar, 2021	R. Sood , S. Bhatia, N. Mishra, A. K. Pateriya, S. Kalaiyarasu

3.	NASF Projects		
3.1	Studies on host pathogen interactions and development of vaccine for zoonotic coronaviruses	June, 2021-May, 2024	S. Bhatia , Richa Sood, Anamika Mishra, D. Senthil Kumar, Fateh Singh and Naveen Kumar
3.2	Development of diagnostics for coronavirus infections	June, 2021-May, 2023	Naveen Kumar and S. Bhatia
3.3	Epidemiological studies and development of antiviral therapeutics against coronaviruses	June, 2021-May, 2024	Anamika Mishra and Atul Kr Pateriya
Externally funded			
1.	Molecular Platform for Epidemiology, Disease Mapping and Development of Diagnostics for Economically Important Diseases of Ducks” under DBT’s Twinning Programme for NER (DBT)	October, 2018 – September, 2021	S Nagarajan , C Tosh, H V Murugkar, Manoj Kumar
2.	Development of Monoclonal Antibody based Erns Antigen Capture ELISA for Diagnosis of Bovine Viral Diarrhea Virus (BVDV) Infection in Cattle (DST-SERB-Early Career Research Award)	November, 2018, - October, 2021	S. Kalaiyarasu
3.	Do synanthropic and sylvatic rodents play role in the ecology of emerging zoonotic and anti-microbial resistant pathogens? (DST-SERB-Core Research Grant) <i>In collaboration with ICAR Research Complex for NEH Region, Barapani</i>	February, 2019 – January, 2022	P. N. Gandhale , K. Rajukumar
4.	Development and validation of LFA POCT kits for SARS-COV-2 Antigen detection. (DBT-BIRAC funded)	July 2020 – Jan 2021	A K Pateriya , S Bhatia and A. A.Raut.
5.	Protein Nanoparticle based development of universal influenza vaccine (DST-SERB-Core Research Grant) <i>In collaboration with IIT, Roorkee</i>	Jan, 2021-Dec., 2023	Naveen Kumar , Manoj Kumar and S. Bhatia