

Proceedings of 7th Institutional Biosafety Committee (IBSC), LUVAS meeting held on 19.05.2023 at 12:00 noon in the committee room of Directorate of Research, LUVAS, Hisar.

Following were present in the meeting:

- Dr. Naresh Jindal, Chairman, IBSC; and Director of Research, LUVAS, Hisar
 Dr. B. R. Gulati, Principal Scientist, Director NIVEDI, Bengaluru (DBT's nominee), Joined online.
 Dr. Bidhan Ch. Bera, Scientist (S.S), NRCE, Hisar (Outside expert)
 Dr. Pushpander Sheokand, Medical officer, CCS HAU, Hisar (Biosafety officer Rep)
 Dr. Swati Dahiya, Scientist, Vety. Microbiology, LUVAS, Hisar (Internal Member)
 Dr. Aman Kumar, Scientist, ABT, LUVAS, Hisar (Internal Member)
 Dr. Joshi Vinay Ganeshrao, ABT, LUVAS, Hisar (Internal Member)
 Dr. Sushila Maan, Professor, ABT, LUVAS, Hisar (Member Secretary)

At the outset, the member secretary welcomed the Chairman, DBT expert and members of the IBSC for the meeting. Following ten agenda items were presented by concerned PIs. All the students and PIs presented their proposals. Valuable suggestions were given by different members of IBSC. All the PI/students need to revise and resubmit the summary proforma.

S. No	Title of Proposal	Major Advisor/Student/PI	Approved/rejected/deferred/ any other remarks of IBSC
1	Development of Real-time PCR assay for detection of Porcine Rotavirus.	PI-Dr. Sanjeevna Kumari, Assistant Professor, VMC, LUVAS, Hisar.	Approved
2	Molecular detection and characterization of bovine viral diarrhoea virus from cattle and buffaloes of Haryana.	Dr. Puneet Singh, M.V.Sc student. Major Advisor: Dr. Anshul Lather, Assistant Professor, VMC, LUVAS, Hisar.	Approved
3	Evaluation of a novel antimicrobial peptide against multidrug resistant <i>Staphylococcus aureus</i> .	Dr. Jasleen Kaur, Ph.D student. Major Advisor: Dr. Anshul Lather, Assistant Professor, VMC, LUVAS, Hisar.	Approved
4	Studies on the efficacy of antimicrobial peptide and Phytogetic feed additives against Avian Pathogenic <i>Escherichia coli</i> .	Dr. Shweta Valecha, Ph.D student. Major Advisor: Dr. Deepika, Associate Prof, VPP, LUVAS, Hisar.	Approved
5	Generation of a recombinant equine herpes virus-1 (EHV-1) vectored vaccine candidate for infectious bursal disease and to study its protective efficacy in broiler chickens.	Dr. Diksha Kandpal, Ph.D student. Major Advisor: Dr. Gulshan Narang, Dean, COVS, LUVAS, Hisar.	LUVAS component of the proposal is approved.
6	Molecular detection and characterization of <i>Mycobacterium</i> spp. in bovines.	Dr. Mohit Kumar, Ph.D student. Major Advisor: Dr. Naresh Jindal, DR, LUVAS, Hisar.	Approved
7	Risk of tuberculosis in animals at Ballabgarh region, Haryana.	Dr. Naresh Jindal DR, LUVAS, Hisar, Dr. Ramesh Kumar, DIO, VPHE, Hisar.	Approved
8	Engineered multi-epitope vaccine candidate against Lumpy Skin Disease (LSD).	PI-Dr. Aman Kumar, Senior Scientist, ABT, LUVAS, Hisar.	Approved

9	Development of monoclonal antibodies against HY antigen of Y chromosome bearing bovine spermatozoa for semen sorting.	PI-Dr. Aman Kumar, Senior Scientist, ABT, LUVAS, Hisar.	Approved
10	Generation of a recombinant equine herpes virus-1 (EHV-1) vectored vaccine candidate for infectious bronchitis virus and to study its protective efficacy in broiler chickens.	PI-Dr. Vikas Nehra, Sr. Scientist and HOD, VPP, LUVAS, Hisar.	LUVAS component of the proposal is approved.

Note:

- The projects particularly those requiring handling of category 3 pathogens (at S. No 2, 6 and 7) need to bring inactivated samples to the lab in lysis buffer and should not handle any live virus or bacteria. They should also mark the laboratory area where such type of inactivated pathogens are to be handled.
- Personnel working in projects at S.No 6 and 7 should be BCG vaccinated. The PIs of these projects also need to categorize the animal samples, which are in contact with MDRTB or XDRTB human patients.
- As the projects at S.No 5 and 10 also involve working at NRCE Hisar, hence these proposals also need to be approved by IBSC of NRCE, Hisar. LUVAS component of the proposal is hereby approved.

After detailed discussions all the agenda items were approved by the IBSC.

The meeting ended with a vote of thanks to the chair.

Dr. Sushila Maan, Member Secretary