



NATIONAL INSTITUTE OF ANIMAL BIOTECHNOLOGY, HYDERABAD

(An Autonomous Institute of the Department of Biotechnology, Ministry of Science & Technology, Govt. of India)

3rd Annual Ph.D. Mini-Symposium

December 7, 2023

S.No.	Time	Name
1	2:10 to 2:15 PM	Introduction to the Mini-Symposium
2	2:15 to 2:30 PM	Inauguration of Mini-Symposium by the Director NIAB
3	2:30 to 3:45 PM	3-minute flash talks about their poster by the following Poster Presenters
		Mr. Amar Prajapati
		Ms. Anjali Kumari
		Ms. Ankita Das
		Ms. Bhawna Baloda
		Ms. Deepali Rawat
		Ms. Divya Mehta
		Mr. Jusail CP
		Mr. Krishnagaanth M
		Ms. Krishnendu M R
		Mr. Macha Vijay
		Ms. Meenakshi Mansukhani
		Mr. Naveen Prasanth
		Ms. Palak Arora
		Ms. Palem Pranathi
		Mr. Rajkumar Ramesh Gurupwar
		Mr. Shivam Saini
		Ms. Srimoyee Koner
		Ms. Sripratyusha Gandham
		Ms. Tejaswi Ambati
4	3:45 to 6:00 PM	Poster Session

December 8, 2023- Oral Presentations

S.No.	Time	Name	Title
1	09.30 to 9:45 AM	Mr. Akash Suresh	Investigating the antimicrobial resistance phenotype of Oxacillin-sensitive Methicillin Resistant <i>Staphylococcus aureus</i> (OS-MRSA)
2	09.45 to 10:00 AM	Ms. Aradhana Mohanty	Cathepsin B preserves the oocyte reserve via modulating the IGF-1R turnover
3	10:00 to 10:15 AM	Mr. Chitti Raju Khandavalli	Understanding the roles of Puf proteins in mRNA degradation and translation of <i>Toxoplasma gondii</i>
4	10:15 to 10:30 AM	Ms. Itishree Jali	Transcriptome landscape of lncRNAs, differential expressed lncRNAs and mRNAs in porcine early embryo
5	10:30 to 10:45 AM	Ms. Kiranmai Joshi	Understanding the molecular regulation of host gene expression of persistent infection by the intracellular bacterial pathogen, Brucella
Tea Break from 11.00 AM-11.15 AM			
7	11:15 to 11:30 AM	Ms. Mood Rajitha	<i>Hyalomma anatolicum</i> salivary gland extract and its anti-complement activity

8	11:30 to 11:45 AM	Mr. Manas Ranjan Praharaaj	Unraveling the differences in host responses to JEV infection in humans and porcine through comparative omics approaches
9	11:45 to 12:00 PM	Mr. Narlawar Sagar Shrikrishna	Smartphone-assisted detection of monocrotophos pesticide using a portable nano-enabled chromagrid-lightbox system towards point-of-care application
10	12:00 to 12:15 PM	Mr. Pachineella Lakshmana Rao	Improving gene editing with twin technologies CRISPR and Reverse Genetics
11	12:15 to 12:30 PM	Ms. Pallavi Vyas	Proteomics and immune-informatics-based approaches for designing multi-epitope vaccine against Leptospirosis
Lunch Break from 1.00 PM- 2:00 PM			
13	2:00 to 2:15 PM	Ms. Prerna Saini	Development of probiotic-based oral vaccine and therapeutics against Paratuberculosis in ruminant livestock
14	2:15 to 2:30 PM	Ms. Ruchi Malwade	Recombinant chimeric porcine circovirus as a potential multivalent vaccine vector
15	2:30 to 2:45 PM	Mr. Sashikanta Parida	Exploring bacteriophages to combat livestock-associated <i>Escherichia coli</i>
16	2:45 to 3:00 PM	Ms. Sonam Ajit Kamble	Genome wide identification of DNA methylation pattern and gene expression in theileria infected cells to study host-pathogen interaction
17	3:00 to 3:15 PM	Ms. Stuti Bhagat	Development of pH-sensitive microcapsule encapsulating nanoparticles of essential mineral elements for animal nutrition
Tea Break from 3.30 PM- 3.45 PM			
18	3:45 to 4:00 PM	Mr. Sunny Deval	Unveiling Newcastle Disease Virus Strategies: Insights into enhanced viral replication and immune evasion through V protein-mediated inhibition of recognition of dsRNA
19	4:00 to 4:15 PM	Mr. Venkata Krishna Vanamamalai	Integrated analysis of genes and long non-coding RNAs in trachea transcriptome to decipher the host response during Newcastle disease challenge in different breeds of chicken
20	5:00 to 5:30 PM	Prize Distribution for the Best Oral Talks and Poster Presenters	
21	5:30 to 5:40 PM	Vote of Thanks	