

International
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2nd ISAE Workshop on Animal Welfare progress in India

28 January 2023

VENUE: CSIR-IGIB, Mathura Road, New Delhi



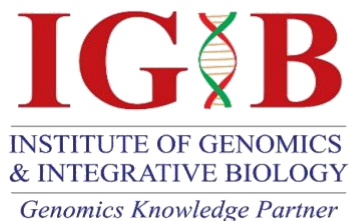
We are happy to share that we had successfully organized the 2nd ISAE workshop: Animal welfare progress in India at **CSIR-IGIB** [South Campus, Mathura Road] New Delhi on 28 January 2023. Event started at 9AM with registration (physical) and ended at 6PM.

Statistics: We had more than 260 registrations, 118 confirmed registrations and 94 attendees who attended the event physically. Many participants also attended the event virtually through YouTube as we also made our event YouTube live (<https://youtube.com/@IGIBSocial>).

Initial technical difficulty: In the starting we faced a little technical issue during youtube live but by the end everything was sorted. We got 113 views in youtube as well.

Total 94 attendees were there out of that 48 participants were females and 46 participants were males. Around 35 of them were veterinarians, 15 were research scholars, a team of many people came from NDRI, Karnal and the rest were students from different institutes and universities.

Participation certificate: We issued certificates to those who were present physically, who did their registration through online and we ensure that we would provide e-certificates to those who did their registration physically.



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About programme: Welcome Address was given by Dr. Souvik Maiti, Director CSIR-IGIB. Introduction to Program was given by Dr. Vijay Pal Singh. We had 2 sessions in our workshop:
Session 1: Welfare assessment, education and one welfare

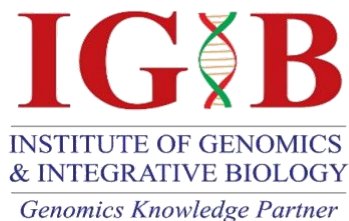
Session 2: Natural behavior of native livestock species and their welfare

Speakers: Total 11 speakers came from different prestigious institutes to give talk about different topics related to animal welfare. 2 speakers (Dr. Maria Camila Ceballos and Dr. Anindita Bhadra), connected with us virtually also. Panel Discussion on animal welfare was conducted by Dr. Vijay Pal Singh, Dr. Mohan G.H, Dr Rajender Motiani, K.B.Patel, Dr. Pravin Kumar Atul. Also talk on Veterinary-Pathogenomics conducted by Dr Vinod Scaria and Dr Rahul C Bhoyar.

Lunch: lunch was prepared on the motto of **EAT RIGHT INDIA**. Whole millet based food was provided. Bajra (Pearl millet) khichdi (porridge) became major attraction in the lunch. No plastic was used in servings. Tea was even served in kulhads (Clay cups).

Facility visit: during the evening break, we divided the participants into two groups based on their areas of interest. We organized a visit to a zebra fish and genome sequencing facility under the supervision of Dr. Vinod Scaria, principal scientist, CSIR IGIB.

Even at the end of the event all participants were present which shows their enthusiasm throughout the event.



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ABOUT SPEAKERS

Dr. Sujit K. Dutta (Joint Commissioner (NLM) & Secretary, AWBI)



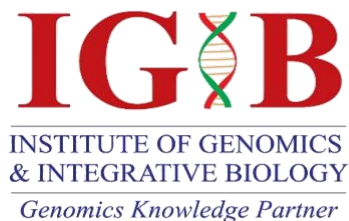
Dr. Dutta gave an introduction about **Initiatives of Animal Welfare Board of India (AWBI) for promoting animal welfare**. Under this topic he talked about freedom and rights of animals. He explained various laws, acts and penalties that are made for animal welfare by AWBI. Being a member secretary of Committee for the purpose of Control and Supervision of Experiments on Animals (CPCSEA), he explained about the aim of CPCSEA which is to prevent the infliction of unnecessary pain or suffering on laboratory animals. He also encouraged people to become a member of IAEC (Institutional Animals Ethics Committee).

Dr.PVK Sasidhar (Director, IGNOU)



Everybody knows about Indira Gandhi National Open University (IGNOU) because of its distance learning programs. So, Dr. Sasidhar highlighted **Animal Welfare Education in Open and Distance Learning**. He gave a brief explanation about the course PG Diploma in animal welfare which they are running at IGNOU. He encouraged the audience to enroll in this course by telling about programme objectives & programme structure in detail. One can take admission in this course either from January or July session.

V. Singh



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Dr. Vinod Scaria (Principal Scientist, CSIR-IGIB)



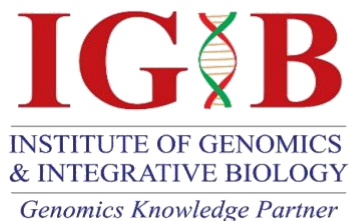
Dr. Scaria talked about **Genomics and informatics for understanding outbreaks**. He talked about accelerated advances in genomics. Told about the importance of sequencing data to deal with pandemics by predicting in pandemics in advance. We scheduled a visit to a zebra fish and genome sequencing facility under the supervision of Dr. Vinod Scaria.

Dr. Rahul C Bhoyar (Research associate, CSIR-IGIB)



Dr. Bhoyar grabbed everyone's attention towards one of the most infectious disease, lumpy skin disease. His main topic of talk was **an amplicon-based approach for fast and scalable genome sequencing of lumpy skin disease virus**. He did sequencing and phylogenetic analysis of this virus. Found out 47 unique mutations. And talked about potential intrahost evolution.

Rajesh



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Dr. M.L Kamboj (Principal Scientist, NDRI, Karnal)



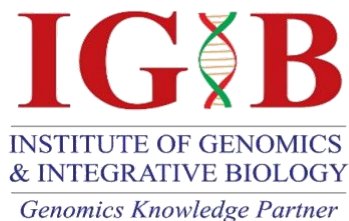
Dr. Kamboj presented his thoughts on the topic of **Social living in cattle and buffaloes: Implications for welfare and production**. He explained about various social relationships (cow- cow contact, Calf - calf contact, Calf - mother contact, Cow -bull contact, Human - animal contact) in detail.

Tanu Girotra (Director-policy and Advocacy, Samayu)



Ms. Girotra talked about **One Health for all**. 'One Health' is an integrated, unifying approach to balance and optimize the health of people, animals and the environment. She told about Samayu that it is a movement of people and organizations who care about the interconnectedness of animals, people and our planet, working together to create a just, fair world for all.

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Dr. Pawan Singh (Principal Scientist, NDRI, Karnal)



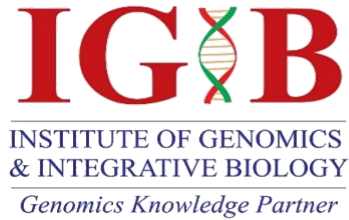
Dr. Singh shared his thoughts on the topic of **the behaviour of native cattle and Buffalo bulls and strategies for improving their welfare**. His presentation was full of pictures which made it easy to understand the practices which they follow at NDRI for improving the welfare of buffalo and bulls. He put up various scientific data showing seasonal variation and comparative sexual behavior of different breed's bulls.

Gajender K Sharma, Country Director, World Animal Protection India



Mr. Sharma grabbed everyone's attention by talking on the **Role and contribution of NGO's in promoting animal welfare in India**. He told about the goal of World Animal Protection India, Nonprofit organization to transform the global food system to end suffering of farmed animals & stop wild animals being exploited as commodities.

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Dr. Sanjay Choudhury (Assistant Professor, GADVASU)



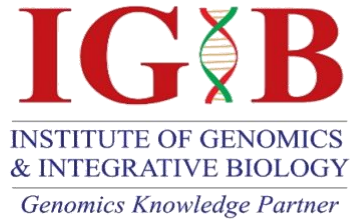
Dr. Sharma shared his thoughts on the topic of **Cow-bull stimulus: effect on Behaviour and welfare of cattle and buffaloes**. He talked about social buffering in cattle's. He asked why we are separating cow or buffalo with bulls as their data suggests that there is neither an increase in production of milk nor the reproduction is increasing. He explained the benefits of bio stimulation.

Dr. Kotresh Prasad (Scientist, University of Agricultural Sciences, Raichu, Karnataka)



Dr. Prasad talked about Welfare assessment of sheep in Indian condition. He gave an idea about veterinarians' perception practices of sheep protection. He told everyone to focus on reducing antimicrobial resistance especially veterinarians and awareness of farmers in respect of AMR should also be there.

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PANEL DISCUSSION

Panel Discussion was held on the topic of Animal Welfare which is followed by the question answer session.

Panel discussion carried out by:

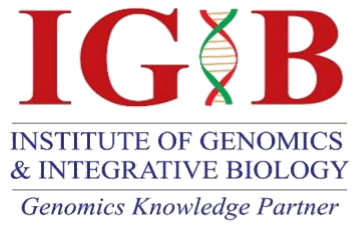


**Dr. Vijay Pal Singh, Assistant professor, AcSIR
Senior technical officer, CSIR-IGIB**



Dr. Rajender Motiani, Assistant Professor, RCB, Faridabad

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Dr. Pravin Kumar Atul, Scientist F, ICMR-NIMR



Dr. Mohan G.H, Scientific officer, NCBS



Dr. K B Patel, Chief Veterinary Officer, ILBS

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