GBRC/ADVT/2025-26/ 2299
Date: 20/09/2025

CORRIGENDUM

Subject: Inclusion of additional positions in current advertisement

This is to inform all concerned that the following amendments are being made to the ongoing contractual recruitment process under Advertisement No: GBRC/Recruitment/2025/02 at GBRC. All other terms and conditions mentioned in the original advertisement shall remain unchanged, except the online application for these two additional posts will remain open till 10th October 2025, 6PM.

Application Fees:

- **Project Associate-II: ₹150/-**
- **Project Scientist-II: ₹250/-**

Amendment 1:
The following additional positions (Table 1) will now be considered under the scope of the current advertisement (Advertisement No: GBRC/Recruitment/2025/02). Details of project are provided in Annexture-I.

Director (I/C)

Gujarat Biotechnology Research Centre G.B.R.C. Gandhinagar

Table 1: Inclusion of additional positions in current advertisement (Advertisement No. GBRC/Recruitment/2025/02).

Sr. No.	Project Code	Project name	Desired qualification	No. of Post	Name of the post	Fellowship
1	GBRC/DIR/Indo-UK/2025	Reducing reliance on ionophores: Eimeria population biology and impact on selection for antimicrobial resistance	(i) Doctoral Degree in Science or master's degree in engineering or technology from a recognized University or equivalent; AND (ii) Three years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services Age limit of 40 years	**1**	**Project Scientist-II**	67,000/- + HRA Increment of 5% for every 2 years of experience subject to performance review
2			(i) Master's Degree in Natural or Agricultural Sciences / MVSc or bachelor's degree in engineering or technology or medicine from a recognized University or equivalent; AND (ii) 2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services Age limit of 35 years	**1**	**Project Associate-II**	1. 35,000/- + HRA to Scholars who are selected through a process as mentioned 3(i) (ii) above 2. 28,000/- + HRA for others who do not fall under (i) above.

Annexure-I

Project description:

This project is funded by The Department of Biotechnology (DBT), GoI, support under India-UK partnership to address **Farmed Animal Diseases and Health (FADH).**

Funders involved: Biotechnology and Biological Sciences Research Council (BBSRC), UK Research and Innovation (UKRI) from UK side and The Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India.

Collaborators: This project is in collaboration with The Royal Veterinary College (RVC), London UK and The Department of Veterinary Biotechnology, College of Veterinary Science & Animal Husbandry, Kamdhenu University, Anand-Gujarat.

Project Summary: Enteric health is crucial for chicken productivity and welfare. Intestinal diseases like coccidiosis, caused by Eimeria, cost the poultry industry over UK£10.4 billion annually. New Eimeria species evade current vaccines. Over 280 tonnes of ionophores are used yearly in UK livestock production to control Eimeria, affecting Gram-positive bacteria. Ionophore exposure may lead to multi-drug resistance. India has the second-largest poultry market, with 729 million birds in 2019. Coccidiosis is prevalent in Indian poultry farms, causing nearly 1.14 billion economic losses. Genomic hybridization has led to emergence of cryptic Eimeria specie and evade to current vaccines. Yet, limited genomic information exists for the *Eimeria* Spp, and ionophore impact on gut microbes and antimicrobial resistance is unexplored. Understanding host-pathogen interactions and consequences of ionophore coccidiostats on enteric microbes and antimicrobial resistance genes is vital.

Objectives:

1. To generate high confidence chromosome-level assemblies for recognised and new Eimeria species
2. To determine extant genetic diversity and hybridisation in field specimens at WGS resolution
3. To assess the impact of lethal selection on Eimeria genome structure in pure, mixed and hybrid populations using high throughout sequencing
4. To define changes in Eimeria population structure during co-infection with/without ionophore supplementation or vaccination in different host genetic backgrounds
5. To assess the structure(s), ARG occurrence and plasmid carriage in and around poultry production facilities using whole microbiome metagenomic sequencing
6. To compare ARG and plasmid occurrence associated with commercial, desi and indigenous chicken production systems and exposure to ionophores
7. To define the impact of host genotype and Eimeria occurrence on microbiome structure, ARG occurrence and plasmid carriage in different husbandry/chicken breed systems.