



भाकृअप – भारतीय पशुचिकित्सा अनुसंधान संस्थान  
इज्जतनगर-243122 (उ.प्र.), भारत  
ICAR - INDIAN VETERINARY RESEARCH INSTITUTE  
IZATNAGAR - 243 122 (U.P.), INDIA



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F. No. 3-8/2023-24/Budget

Dated: 03.10.2023

To

The JDs (R//EE/KVK)/CAO, IVRI, Izatnagar  
SIC, IVRI, Regional Station, Kolkata

Sub: Allotment of funds under sub-head research expenses against B.E.2023-24-reg.

Sir,

In continuation of this office letter of even number dated 28.06.2023, it is to inform that based on the allotment of funds for continuing projects (21.00 lakhs) and Newly approved projects (39.50 lakhs) as per details received from Joint Director (Research) office, the Director IVRI, has been pleased to allot the funds of Rs.60.50 lakhs under research expenses sub-head of unified budget against B.E.2023-24 as per enclosed annexure –II in respect of your Division/Section/Centres/Unit.

The expenditure may please be incurred after following all codal formalities and procurement procedures prescribed by GOI/ICAR as per provisions laid down in GFR-17 and instructions received from time to time. It may also be ensured that no item of Capital /Non-recurring nature may be purchased out of the allocated funds.

This issue with the approval of Director, ICAR-IVRI, Izatnagar

Yours faithfully

(S.K. Pathak)  
Sr. Comptroller

Copy to:

1. In-charge ARIS Cell, IVRI, Izatnagar with the request that a copy of the Budget distribution 2023-24 to the Division/Regional station under Research expenses sub head of draft BE 2023-24 may also be kindly be uploaded on the website of the Institute for information of all concerned.
2. PPS to Director, ICAR-IVRI, Izatnagar for information please.

Sr. Comptroller

**FUND ALLOTMENT FOR ONGOING INSTITUTE RESEARCH PROJECTS 2023-24**  
as on 22.09.2023

Sl.No	Title of the Project	Name of the PI	Ongoing Project	New Project
			In Lakhs	
<b>ANIMAL GENETICS</b>				
1.	Development of Inbred Strain of Mice using Swiss-albino out bred Strain as foundation stock.	Pushpendra Kumar	0.50	-
2.	Genetic basis of Vaccine response against Brucellosis in indigenous and crossbred cattle.	Sheikh Firdous Ahmad	1.00	-
<b>ANIMAL NUTRITION</b>				
3.	Exploring potential of palm sterin (a by product of plam oil refining industry) in milk production from dairy buffaloes.	V. B. Chaturvedi	0.50	-
4.	Exploring the potential of tropical red seaweeds based formulation as feed supplement for dogs.	Asit Das	0.50	-
5.	Evaluation of synergism of probiotics and essential oils in neonatal calves for augmenting gut health and performance	Anju Kala	0.50	-
6.	Economical and balanced formulation of vegetable waste based concentrate feed for livestock production.	S.K Saha	0.50	-
7.	Exploratory studies for the development of a none minerals supplement for animals.	S.E. Jadhav	-	2.00
<b>ANIMAL REPRODUCTION</b>				
8.	Quality embryos and superior calves production using MOET & OPU-IVF-ET platform in indigenous cattle.	Brijesh Kumar	1.00	-
<b>BIOCHEMISTRY</b>				
9.	Elucidating the role of alpha synuclein (SNCA) and cholesterol on regulating the P2RX7 pore dilation.	Mukesh Kumar	0.50	-
10.	Assessment of cytosolic lipid droplets and its associated protein, perilipins on cancer growth and progression in canine mammary tumour (CMT).	I Karuna Devi	0.50	-
<b>BACTERIOLOGY &amp; MYCOLOGY</b>				
11.	Formalin inactivated polyvalent vaccine against poultry salmonellosis.	Prasad Thomas	1.00	-
<b>BIOLOGICAL PRODUCTS</b>				
12.	Development of Genotype Specific Combined Vaccine against New Castle Disease Virus	A.K. Yadav	-	2.00
<b>BIOLOGICAL STANDARDIZATION</b>				
13.	Development of alternate potency tests and vaccine candidate for Infections Bursal Disease Immunocomplex (IBD Icx) vaccine.	Shyma K. Latheef	1.00	-
14.	Formulation and evaluation of inactivated vaccine candidate against Avian colibacillosis	Salauddin Qureshi	-	2.00
15.	Development and evaluation of recombinant Canine Adenovirus vectored vaccine for Canine Parvovirus	Sonalika Mahajan	-	2.00
<b>CADRAD</b>				
16.	Genetic characterization of Lumpy skin disease virus and host immune response in natural infections.	S.K. Biswas	1.00	-
17.	Patho-epidemiology and evaluation of suitable laboratory animal models for canine adenovirus infections in dogs.	M. Saminathan	1.00	-
<b>JD (EE)/EXTENSION EDUCATION / KVK</b>				
18.	Impact Assessment of ICAR IVRI Deemed university in human Resources Development.	Shurti	0.50	-



<b>LIVESTOCK ECONOMICS, STATISTICS AND INFORMATION TECHNOLOGY/ARIS</b>			
19.	Economic Repercussion of Bluetongue Disease in sheep farming in India	Dinesh Kumar	0.50
20.	Meta Analysis of Economic Burden of Priority Livestock Diseases in India	Debopam Rakshit	0.50
21.	Development of Integrated Research Management Information System	Yash Pal Singh	1.00
<b>LIVESTOCK PRODUCTION MANAGEMENT</b>			
22.	Strategies for induction of estrus and optimization of breeding time in sub-estrus buffaloes.	M. K. Patra	1.00
23.	Development of sustainable rearing model for unproductive and culled cattle.	H.O. Pandey	3.00
24.	FTIR spectrum and machine learning assisted non-invasive detection of sub-clinical ketosis in dairy cows.	Ayon Tarafdar	1.00
<b>LIVESTOCK PRODUCTS TECHNOLOGY</b>			
25.	Development of novel bioactive blended functional meat products with extended shelf life.	Sagar Chand	1.00
26.	Development of laboratory and field based test for differentiation of slaughtered and dead poultry meat.	Suman Talukder	1.00
27.	Production, Characterization and evaluation of novel anti-diabetic collagen hydrolysate and collagen-hydrolysate chromium from buffalo hide.	Tanbir Ahmad	1.00
28.	Development of lateral flow immunoassay for onsite differentiation of fresh and frozen-thawed meat in supply chain.	A. K. Biswas	2.00
29.	Development of goat milk-millet based premix powder as food supplement.	Devendra kumar	1.50
<b>MEDICINE</b>			
30.	Exploring the therapeutic uses of whole blood and blood products for various hematologic disorders and sepsis in farm animals.	K. Mahendran	1.00
31.	Ameliorative potential of certain essential oils mastitis.	U.K. De	1.00
32.	Development of polymer fabricated plant material embedded dressing materials for enhanced medical treatment of wound in rat.	Raguvaran R	1.00
33.	Explore and tailor for safeguarding health management addressing ageing for health longevity.	Umesh Dimri	0.50
34.	Optimising early weaning stress perturbed gut health functions, psychosocial stress response and performance of piglets with essential oils and organic acids	Vivek Joshi	2.00
<b>PARASITOLOGY</b>			
35.	Surveillance and genotyping of <i>Trichinella</i> sp. infecting domestic pigs and wild animals in India.	Hira Ram	0.50
36.	Molecular characterization of some of the immunodominant genes of <i>Echinococcus granulosus</i> and evaluation of their sero-diagnostic potential in animals.	S. Samanta	0.50
<b>PATHOLOGY</b>			
37.	Pathoepidemiology of bovine adenovirus in respiratory disease complex in ruminants	Vidya Singh	0.50
38.	Characterization of the exosomes secreted by canine mammary tumours and their role in tumour progression.	Pawan Kumar	0.50
39.	Pathology of parvovirus infection associated with reproductive failure in pigs and characterization of pathogens as an indigenous vaccine candidate.	Chandrakanta Jana	2.00
<b>PHARMACOLOGY &amp; TOXICOLOGY</b>			
40.	Toxicological investigation of <i>Blumea</i> spp. in experimental animal.	Aneesha V A	0.50
41.	A Confirmatory preclinical study to assess the healing potential of some promising herbal preparations in cutaneous wound model in guinea pigs.	Anshuk Sharma	0.50

42.	Assessment of <i>Terminalia chebula</i> (Haritaki) and <i>Vitexnegundo</i> (Nirgundi) in LPS-induced acute lung injury.	Meemansha Sharma	0.50	
43.	Exploring the therapeutic potential of <i>Limonia acidissima</i> L. unripe fruit pulp in mice models of capsaicin induced visceral pain and dextran sulfate induced colitis	Anshuk Sharma	-	2.00
44.	Investigating the efficacy of a triterpenoid, betulinic acid in age-related nephropathy	Madhu C.L	-	2.00
<b>SURGERY</b>				
45.	Development of a novel eye drop formulation to cure non-corneal ulcer and corneal fibrosis in animals.	Aswathy Gopinathan	-	2.00
<b>VETENIARY PUBLIC HEALTH</b>				
46.	Evaluation of genetic diversity among <i>Brucella melitensis</i> .	M. Suman Kumar	-	2.00
47.	INFAAR Project	Z.B. Dubal	-	5.00
<b>ERS, KOLKATA</b>				
48.	INFAAR Project	S. Bandyopadhyay	-	5.00
		<b>Total</b>	<b>21.0</b>	<b>39.5</b>

  
**S.K. PATHAK**  
 Senior Comptroller