



राष्ट्रीय पशु जैव प्रौद्योगिकी संस्थान National Institute of Animal Biotechnology

(An Autonomous Institute of Dept. of Biotechnology, Ministry of Science & Technology, Govt. of India)
Survey No. 37, Opp. Journalist colony, Extended Q City Road, Near Gowlidoddi, Gachibowli, Hyderabad-500 032
Tel: +91 40 2312 0103; Fax: 040 2312 0130; Email: admin@niab.org.in; Web: www.niab.org.in



Ongoing Extramural Projects at NIAB as on 30/06/2019



S.N.	Name & Designation of PI	Funding agency	Period of the project		Project Title	Budget (Rs. In lakhs)	Project Code
			From	to			
1	Dr Abhijit S Deshmukh, Scientist-C	DST	07-10-2013	06-10-2018	Characterization of Cell Cycle regulators associated with DNA replication machinery in Toxoplasma Gondii - DST INSPIRE Faculty	83.00	SP002
2	Dr Syed Mohd Faisal, Scientist -E	DBT	27-03-2014	26-03-2019	Understanding the host response and molecular pathogenesis of Leptospirainterrogans infection - Ramalingaswamy Fellowship	90.50	SP003
3	Prof P Reddanna & Dr Paresh Sharma Scientist - D	NMPB	08-09-2014	07-09-2017	Evaluation of Anti-inflammatory Natural Compounds for Therapeutic use in Mastitis of Dairy Animals - NMPB	31.13	SP004
4	Dr Paresh Sharma, Scientist -D	DBT	19-06-2015	18-06-2018	Identification of disease related markers for the diagnosis of Subclinical Mastitis	34.67	SP007
5	Dr Girish K Radhakrishnan, Scientist-E	DBT	09-03-2016	08-03-2019	To develop novel therapeutics for brucellosis: Identification and characterization of host factors supporting Brucella replication	47.60	SP13

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6	Dr Paresh Sharma, Scientist -D	DBT	12-07-2016	11-07-2019	Identification of Virulence factors associated with Theileriaannulata infection in Indian Cattle	40.37	SP014
7	Dr MadhuriSubbiah, Scientist -D	DBT	02-12-2016	01-12-2019	A Study to Understand the genetic variations among the field isolates of porcine circo viruses from piggery farms in Mizoram, with ultimate aim to engineer an effective recombinant chimeric DIVA vaccine	36.07	SP015
8	Dr Vasundhara Bhandari, Inspire Faculty	DST	04-02-2016	03-02-2021	DST INSPIRE FACULTY-Charterization of transglycosylases associated with cell wall biogenesis in Vancomycin resistant Staphylococcus aureus	83.00	SP016
9	Dr Anand Srivastava, Scientist - D	SERB	25-02-2017	24-02-2020	Elucidation of mechanism(s) of transformation of host cells by Theileriaannulata	70.54	SP017
10	Dr Subeer S Majumdar, Director	DBT	20-02-2017	19-02-2019	Towards establishing an efficient animal-based production of thrapeutic Protein in Milk of farmed animals using various modes of gene delivery	37.54	SP018
11	Dr Girish K Radhakrishnan, Scientist-E	DST	23-03-2017	22-03-2020	Development of peptide based anti-inflammatory drug for septicemia	95.56	SP019
12	Dr Anand Srivastava, Scientist - D	National Medicinal Plants Board	31-03-2017	30-03-2020	Evaluation of medicinal plant extracts for anti-tick activity and identification of active compounds	39.38	SP020
13	Dr Nagendra R Hegde, Scientist -G	DBT	05-01-2017	04-01-2020	Development, testing and evaluation of whole and recombinant antigen-based ELISA for monitoring the health of laboratory animals Phase -II	65.60	SP022

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14	Dr Nagendra R Hegde, Scientist -G	DBT	14-02-2017	13-02-2019	Molecular epidemiology and genomics of mastitis-associated staphylococci	34.19	SP023
15	Dr Subeer S Majumdar, Director	DBT	22-12-2017	21-12-2019	Genomics for conservation of indigenous cattle breeds and for enhancing milk yield, Phase -I	1,649.42	SP024
16	Dr Syed Mohd Faisal, Scientist -E	DBT	01-01-2018	31-12-2020	Random and Targeted mutagenesis of zoonotic pathogen Leptospira interrogans: In perspective of vaccine development"	50.41	SP025
17	Dr Shailesh Sharma, Scientist - D	DBT	28-12-2017	27-12-2020	Integrated Biotechnological Approach towards Improvement of Quality and Productivity of Tropical Tasar Silk	30.99	SP026
18	Dr Pankaj Suman, Scientist- C	DBT	09-02-2018	08-02-2021	Aptamer based lateral flow device for the detection of heat or estrous in buffalo	52.22	SP027
19	Dr BappadityaDe y, Scientist-E	SERB	05-02-2018	04-02-2023	The Ramanujan Fellowship	38.00	SP028
20	Dr Girish K Radhakrishnan , Scientist-E	DBT	21-03-2018	21-03-2021	To understand the role of Cytoplasmic linker protein-170 in the down-regulation of TLR4 signalling	25.12	SP029
21	Dr Subeer S Majumdar, Director	DBT	26-03-2018	26-03-2021	Genome editing for generating semen favouring production of cow.	66.37	SP030
22	Dr HBD Prasad Rao, Scientist - E	DBT	15-05-2018	14-05-2023	"Unravelling Molecular Mechanisms of Homologous recombination and Germ cell maintenance to prevent Birth Defects, Extend Human and livestock Fertility"	32.50	SP031
23	Dr Nagendra R Hegde, Scientist -G	DBT	27-03-2018	26-03-2020	"DBT-GADVASU Canine Research Centre and Networks"	6.00	SP032

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24	Dr Subeer S Majumdar, Director	SERB	18-05-2018	17-05-2022	JC Bose National Fellowship	60.50	SP033
25	Dr Subeer S Majumdar, Director	DBT	12-06-2018	11-06-2021	An attempt to generate transgenic pig through testicular transgenesis or male germ cell transplantation to enhance productivity	29.16	SP034
26	Dr Pankaj Suman, Scientist- C	BIRAC	01-08-2018	31-01-2020	Development of point-of-care diagnostics for detection of venom proteins of Najanaja Cobra and Bungaruscaeruleus Krait in envenomed animals	46.15	SP035
27	Dr NirmalyaGanguli, Scientist- C	DBT	08-08-2018	07-08-2021	Feasibility of producing cattle gonadotropins in milk of rabbit by invivo gene transfection	75.17	SP036
28	Dr NirmalyaGanguli, Scientist- C	DBT	08-08-2018	07-08-2018	Establishment of goat mammary epithelial/ stem cell lines for the production of pharmaceutical interest proteins.	44.44	SP037
29	Dr.Vasundhara Bhandari, Inspire Faculty	SERB	24-07-2018	23-07-2021	To investigate the mechanisms regulating the enigmatic staphylococcus aureus	49.75	SP038
30	Dr. Syed Mohd Faisal, Scientist-E	CSIR	31-05-2018	30-05-2021	Development of Novel Mucosal Delivery System and Testing its Efficacy Against Salmonella Infection	21.00	SP039
31	Dr. Nagendra R Hegde, Scientist-G	DBT	10-09-2018	09-09-2021	Chicken or egg: Drivers of antimicrobial resistance in poultry in India.	444.56	SP040

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32	DR.GIRISH K RADHAKRISHNAN, Scientist-E	SERB	18-09-2018	17-09-2021	"Understanding the mechanism of host innate immune suppression Brucella effector protein, TcpB to identify novel drug targets for brucellosis"	25.38	SP041
33	Dr.MadhuriSubbiah, Scientist-D	DBT	27-07-2018	26-07-2021	"Molecular platform for epidemiology, disease mapping and development of diagnostics for economically important diseases of ducks."	24.17	SP042
34	Dr.AMIT KUMAR GOYAL, Scientist-E	DBT	16-10-2018	15-10-2021	Development of injectable nanofibrous implant for oestrus synchronization in cattle.	87.81	SP043
35	Dr.Paresh Sharma, Scientist-D	SERB	14-11-2018	13-11-2021	Understanding the Epigenetics of Host Pathogen interaction during Bovine Theileriosis"	63.74	SP044
36	Dr. Abhijit S Deshmukh, Scientist-C	SERB	13-11-2018	12-11-2021	Characterization of spliceosome- associated Nine Teen complex (NTC) like proteins in Toxoplasma Gondii.	30.73	SP045
37	Dr.Syed M. Faisal Scientist-E	SERB	10-12-2018	09-12-2021	Immunocharacterization of Lipopolysaccharide (LPS) from Leptospira:Towards development LPS based Vaccine.	36.79	SP046

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38	Dr.Sonu Gandhi Scientist-D	SERB	24-12-2018	03-11-2019	Development of peptide functionalized gold nanoparticles for efficient targeting and imaging of Urokinase Plasminogen activator receptor (UPAR) in Cancer diagnostics.	15.20	SP047
39	Dr.Sonu Gandhi, Scintist-D	DBT	31-12-2018	06-07-2020	Iron oxide nanoparticles-peptide complexes for imaging of urokinase plasminogen activator receptor (UPAR) in Cancer diagnostics.	22.53	SP048
40	Dr. Abhijit S Deshmukh, Scientist-C	BIRAC	21-02-2019	21-08-2020	Development of lateral flow based chromatographic immunoassay using recombinant chimera antigens for point of care testing of Toxoplasma gondii infection	34.32	SP049
41	Dr Anand Srivastava, Scientist - D	DBT	19-03-2019	18-03-2022	Establishment of genome manipulation technology in Theliria parasite for identifications of gene involved in trasformation of host cell	27.26	SP050
42	Dr.GVPPS Ravi Kumar, Scientist - G	DBT	29-03-2019	28-03-2022	Genomics assisted pathobiology to identify novel targets for diagnosis and therapeutic intervention(s) of Japanese encephalities and Leptospirosis	424.56	SP051