

**ONGOING PROJECTS**

PROJNO	TITLE	AGENCY	TOTAL	RT MO	START YEAR	DURATION	IP MO	COMP YEA	PI	2018-19
GAP0293	Award of J C Bose Fellowship to Prof Amitabha Chattopadhyay	DST	130.100	02	2009	10 Y	01	2019	Chattopadhyay, A.,	
GAP0362	Award of J C Bose Fellowship to Dr Ch Mohan Rao	DST	136.000	02	2011	5 Y	02	2022	Mohan Rao, Ch.,	
GAP0363	Award of J C Bose Fellowship to Dr R Nagaraj	DST	121.000	02	2011	5 Y	02	2021	Nagaraj, R.	
GAP0364	Swarup	DST	99.800	02	2011	5 y	02	2021	Swarup, G.,	
GAP0365	Award of J C Bose Fellowship to Dr Veena K Parnaik	DST	99.800	02	2011	8 y	02	2019	Parnaik., V.K.,	
GAP0424	Protein homeostasis in aging and age related diseases- a systemic approach	DBT	87.510	03	2014	5 y	03	2019	Swasti Raychaudhuri	
GAP0426	Bioinformatics Centre	DBT	14.000	04	2012	05	03	2020	Tiwari, S.,	
GAP0433	The Role of epigenetics in the vicious cycle of diabetes and pregnancy (VICYDIP)	DBT	391.270	06	2014	03	11	2018	Chandak, G.R.,	
GAP0434	Plant development and Epigenetic regulation of circadian transcription	DBT	88.000	06	2014	5 Y	06	2019	Lodha, M.,	
GAP0436	Research	DBT	58.220	12	2014	5 y	12	2019	Chandak, G.R.,	
GAP0438	II	DBT	122.900	12	2014	5 Y	12	2019	Reddy, Manjula.,	
GAP0439	Transcriptome analysis in Indian Buffalo and the genetics of innate immunity	DBT	342.671	12	2014	3 Y	09	2018	Satish Kumar	
GAP0440	Creation of DSIR-Common Research & Technology Development Hubs (CRTDH) in the area of Affordable Healthcare at CCMB	DSIR	700.000	01	2015	03	01	2018	Director	
GAP0442	Belldonna and Belladonna-Calcareacarbonica-Tuberculinumbovinum BCT) during Japanese Encephalitis (JEV) infection	CCRH	89.590	04	2015	03	04	2018	Saxena, S.K.,	
GAP0443	Structure-function analysis of plant NADPH oxidase	DBT	18.621	01	2015	3 Y	06	2018	Guru Prasad, K.,	
GAP0444	Award of J C Bose Fellowship to Dr Ramesh V Sonti	DST	68.000	09	2015	5 y	09	2020	Sonti, R.V.,	
GAP0445	Award of J C Bose Fellowship to Dr R Sankarnarayanan	DST	68.000	09	2015	5 Y	09	2020	Sankarnarayanan, R.,	
GAP0446	Transcription profiling of mouse Y ampliconic transcripts from somatic tissues and investigation into trans-splicing involving Y noncoding RNA by deep-sequencing	DBT	75.556	07	2015	3 y	07	2018	Rachel, A.J.,	
GAP0448	Molecular cross-talk between defense pathways in rice: From antagonism to synergism	ICAR	36.118	07	2015	3 Y	07	2018	Sonti, R.V.,	
GAP0449	Functional analysis of proteins regulated by Y chromosome in mouse	DST	32.230	07	2015	3 Y	07	2018	Sunayana, M.R.,	

GAP0450	Rasayana and Rasa-Sindoor in suppressing Alzheimer's and Parkinson's Disease in Mouse Models: Metabolic and Molecular Studies	DST	70.760	09	2015	3 Y	09	2018	Patel, A.B.
GAP0451	initiation factor 4E 9eIF4E) binding protein (4EBP) mediated translation regulation Epithelial Mesenchymal Transition	RGCB	33.268	11	2015	3 y	11	2018	Krishnan, H.H.
GAP0452	Proteolytic control of premature translation termination (PTT) derived polypeptides	DBT	32.500	10	2015	5 Y	10	2020	Palani,M.R.,
GAP0453	Centre for Excellence on Molecular Machinery of Plasmodium: Signaling, Autophagy and Ubiquitin Proteasome System (UPS)	DBT	128.620	11	2015	5 Y	11	2020	Sijwali, P.S.,
GAP0454	TRAP1 functional analysis using normal and tumor cells	DST	41.068	11	2015	3 Y	11	2018	Sreedhar, A.S.,
GAP0455	Study on epigenetic regulatory mechanisms such as methylation of histone in gestational stress-induced altered neural circuitry	DST	33.200	11	2015	3 Y	11	2018	Avijeet Kamle
GAP0457	Identification of Novel Factors Regulating Epithelial to Mesenchymal Transition in Hepatocellular Carcinoma Metastasis	DST	48.854	12	2015	3 Y	12	2018	Krishnan, H.H.
GAP0458	Thermodynamic Stability, proteolytic resistance and substrate specificity of engineered lipases	DST	25.201	01	2016	2 Y	07	2018	Madhusudhana Rao, N.,
GAP0459	Epigenetic mechanisms linking maternal pre-conceptional micronutrient supplementation with offspring health in India and The Gambia	DBT/MRC	382.880	01	2016	3 Y	01	2019	Chandak, G.R.,
GAP0460	Creating Zebra fish models of retinal dystrophy using genome editing methods	DBT	45.918	01	2016	3 Y	01	2019	Mishra, R.K.,
GAP0461	Role of the histone variant H2A.Z in gene regulation	DBT	63.384	05	2016	3 Y	05	2019	Bhargava, P.,
GAP0462	repression and induction of target genes in vertebrate model organisms	DBT	70.115	05	2016	3 Y	05	2019	Chandra Shekar, P.,
GAP0463	National Post-Doctoral Fellowship to Dr Guanasekaran Subramaniam	DST	19.200	04	2016	2 y	04	2018	Gunasekaran Subramaniam
GAP0464	National Post-Doctoral Fellowship to Dr Salam Herojeet Singh	DST	19.200	07	2016	2 Y	07	2018	Salam Herojeet Singh
GAP0465	Prevalence and predictors of vitamin B12 deficiency: genetic associations for low vitamin B12 levels - multi-center a pan India study	DBT	47.254	07	2016	3 Y	07	2019	Chandak, G.R.,
GAP0466	Award of J C Bose Fellowship to Dr Rakesh K Mishra	DST	95.000	08	2016	5 Y	08	2021	Mishra, R.K.,
GAP0467	Screening for male infertility markers in the human Yq12 heterochromatic block	DBT	25.050	08	2016	3 Y	08	2019	Rachel, A.J.,

GAP0468	Understanding the regulation of C3G localization and its functions in the nucleus	DBT	59.448	08	2016	3 Y	08	2019	Radha, V.,
GAP0470	Award of J C Bose Fellowship to Dr Imran Siddiqi	DST	95.000	10	2016	5 Y	10	2021	Siddiqi, I.,
GAP0472	Vitamin B12 deficiency induced transgenerational behavioral and cognitive changes in C57BL/6 mouse: Underlying proteomic and epigenetic signatures	DST	19.200	10	2016	2 y	10	2018	Jitendra Kumar Sinha
GAP0473	Mechanistic and functional studies on chiral proofreading during translation of the genetic code	DBT	495.912	12	2016	5 Y	12	2021	Sankarnarayanan, R.,
GAP0474	Investigation of Autophagy in Malaria Parasites	DBT	50.136	12	2016	3 y	12	2019	Sijwali, P.S.,
GAP0475	Identification and characterization of gene(s) causing hair loss in a spontaneously mutated mouse model	DST	19.200	12	2016	2 y	12	2018	Manikandan, M.,
GAP0476	Nanoparticles supported self assembled conducting polymer monolayer based platform for rapid detection of monosodium glutamate in food products	DBT	34.920	01	2016	3 y	01	2019	Marshal
GAP0477	Role of non-coding RNAs in cardiovascular diseases	Wellcome Trust	356.356	01	2017	5 y	01	2022	Kumaraswamy, R.,
GAP0478	stress status in relation to anthropogenic disturbance and extreme climatic conditions in Amr and Bengal tigers	DST	22.692	01	2017	2 Y	01	2019	Umopathy, G.,
GAP0479	Genetic and Epigenetic Control of Plant Meiosis	DBT	341.980	01	2017	5 y	01	2022	Siddiqi, I.,
GAP0480	MUSTER-Musculoskeletal stem cells targeting	DBT	223.440	01	2017	4 Y	01	2021	Dhawan, J.
GAP0481	Role of membrane lipids on GPCR organization: A combined experimental and simulation approach	DST	30.918	3	2017	3 y	3	2020	Chattopadhyay, A.,
GAP0482	Roles of cis-regulatory motifs of SHOOT MERISTEMLESS (STM) and chromatin modifying factors in evolution of leaf complexity in plants	DBT	55.000	04	2017	3 y	03	2020	Lodha, M.,
GAP0483	Affordable and rapid paper based SERS device for early tuberculos detection	DST	19.200	04	2017	2 Y	03	2019	Saurabh Kumar Srivastava
GAP0484	Role of active DNA demethylation in regulating hepatic stellate cell functions in murine models of chronic liver fibrosis and liver regeneration	DHR	30.000	06	2017	3 Y	06	2020	Tripura Sundari, C.B.,
GAP0485	Functional Analysis of Casein Locus in Mouse through Genome Editing (CRISPRs)	DBT	83.882	07	2017	3 Y	07	2020	Satish Kumar
GAP0486	SERB National Post-Doctoral Fellowship of Dr Raghavendra Singh	DST	19.200	08	2017	2 Y	08	2019	Raghavendra Singh

GAP0487	binding and Post transcriptional regulation of gene expression by annexin A2 in response to Genotoxic stress	DST	7.020	09	2017	3 Y	09	2020	Deshmukh, M.V.,	
GAP0488	Effects of understorey vegetation patterns on tree carbon sequestration in tropical dry deciduous forest	DST	95.000	10	2017	5 Y	10	2022	Snehalatha, V.,	
GAP0489	SERB National Post-Doctoral Fellowship of Dr Bodhisattwa Saha	DST	14.400	10	2017	2 y	10	2019	Swasti Raychaudhuri	
GAP0490	SERB National Post-Doctoral Fellowship of Dr Mukesh Pratap Yadav	DST	19.200	11	2017	2 y	11	2019	Mishra, R.K.,	
GAP0491	SERB National Post-Doctoral Fellowship of Dr Prabhavathy Devan	DST	19.200	12	2017	2 y	12	2019	Dhawan, J.,	
GAP0492	SERB National Post-Doctoral Fellowship of Dr A Paramasivam	DST	19.200	12	2017	2 y	12	2019	Thangaraj, K.,	
GAP0493	Epithelial-Mesenchymal Transition and Protein Translation in Hepatocellular Carcinoma	DBT	65.598	01	2018	3 Y	01	2021	Krishnan, H.H.	
GAP0494	Drosophila	DST	20.300	01	2018	2 Y	01	2020	Mishra, R.K.,	
GAP0495	Creating a Genomics platform for Apple reserach in India-Phase II	DBT	67.786	12	2017	3 Y	12	2020	Aggarwal, R.K.,	
GAP0496	of Separase and control of Monopolar Kinetochore orientation	IFCPAR	56.577	02	2018	3 Y	02	2021	Siddiqi, I.,	
GAP0497	Influence of Maternal one-carbon (1C) metabolism in Placental function, fetal growth and programming	DBT	41.900	03	2017	3 y	03	2020	Chandak, G.R.,	
GAP0498	Polyamine dependendent regulation of ODC Antizyme ORF1p SaccaromyceS cerevisiae	DST	39.260	03	2018	03	03	2021	Palani,M.R.,	
GAP0499	Intermediate Chains in embryonic divisions and vertebrate embryogenesis	DST	95.000	03	2017	5 Y	03	2021	Megha Kumar	8.016
GAP0500	Identification and characterization of a gene(s) involved in alopecia using a mouse model	DBT	44.144	03	2018	2 Y	03	2020	Satish Kumar	22.416
GAP0501	Early life origins of brain resilience to mental illness and cognitive impairment across the life-course	Univ of Aberdee	28.417	05	2017	4 y	05	2021	Chandak, G.R.,	12.461
GAP0502	SERB Distinguished Fellow to Prof Amitabah Chattopadhyay	DST	84.600	04	2018	3 y	04	2021	Chatttopadhyay, A.,	28.2
GAP0503	Understanding the implication of choline transporter in learning and memory	DST	18.920	05	2018	2 y	05	2020	Runa Hamid	9.46
GAP0504	Investigating Mechanisms leading to Preeclampsia	ICMR	56.349	05	2018	3 y	05	2021	Chandak, G.R.,	11.699
GAP0505	The Ramanujan Fellowship Award to Dr Sonal N Jaiswal "Identifcation of novel players involved in regulation of neuroblast self-renewal during development"	DST	109.100	06	2018	5 y	06	2023	Sonal N Jaiswal	21.82

GAP0506	National Post-Doctoral Fellowship to Dr. Swetha Medchalmi "Molecular mechanisms of neurodegeneration induced by a glucosylase and ALS-associated mutant of optineurin"	DST	19.20	6	2018	2 y	6	2020	Swetha Medchalmi, C/o Dr. Ghanshyam Swarup	9.6
GAP0507	National PDF to Mr. Akshay Bhatnagar "Elucidation of the evolutionary relationship of RNA and peptides in catalytic action of D-aminoacyl-tRNA deacylase (DTD) and similar proteins"	DST	19.60	7	2018	2 y	7	2020	Akshay Bhatnagar C/o Sankaranarayanan	9.6
GAP0508	Structural and functional studies of DRB2 in A. Thaliana RNAi pathway	SERB, DST	25.38	8	2018	3 y	8	2021	Mandar Deshmukh	8.46
GAP0509	Conservation of endangered animals using biotechnological tools	CZA	104.73	8	2018	5 y	8	2023	Karthikeyan	20.02
CNP0001	BRIT	BRIT	261.31	0						
MLP0111	Paper-based affordable microfluidic kit for early pregnancy detection in cattle and buffaloes	CSIR	53.22	06	2016	2 Y	06	2018	Umopathy, G.,	3 months extension upto Oct
MLP0112	Development of simple and affordable protocols and diagnostics Kit for Genetic Diagnostics of Musculopathies and Hemoglobinopathies	CSIR	141	9	2016	2 y	9	2018	Chandak, G.R.,	
NWP100	CSIR Integrated Skill Initiative Program	CSIR	29.2	12	2017	1 y	12	2018	Director	
HCP0008	CSIR Sickle Cell Anemia Mission	CSIR	1415.90	9	2017	3 Y	9	2020	Chandak, G.R.C	
HCP0012	Biosensor and microfluidics for healthcare	CSIR	474.53	3	2018	3 y	3	2021	V Radha	
MLP0113	Development of male infertility diagnostic kits (DeMID)	CSIR	90.00	8	2018	2 y	8	2020	K Thangaraj	59.6
MLP0114	Up scaling of high yielding / elite Samba Mahsuri mutant line 'SM93' for product translation.	CSIR	145.00	8	2018	2 y	8	2020	Hitendra Patel	44
MLP0115	Genome regulatory elements and the evolution of complexity (GREECo)	CSIR	70.00	8	2018	2 y	8	2020	Rakesh Mishra	35
MLP0116	Mechanistic and functional role of a Chiral Proofreading variant in Animalia	CSIR	100.00	8	2018	2 y	8	2020	Sankarnarayanan	50
MLP0117	(GEHead)	CSIR	170.00	8	2018	2 y	8	2020	K Thangaraj	131