

Sl. No	Title of the Project	Principal Investigator	Santioned Amount	Funding agency
1	Quality Control studies and standardization of safflower petals of different Indian cultivars as per World Health Organisation (WHO) requirement	Prof. A.Sajeli Begum	9,44,800.00	UGC
2	Investigation of Natural Coumarinolignans and Their Newer Synthetic Analogs as Cyclooxygenase (COX-2) and Tumor necrosis factor (TNF-a) inhibitory agents in Rheumatoid Arthritis	Prof. A.Sajeli Begum	21,02,000.00	CSIR
3	Investigations of knowledge on Dengue fever followed by education and post impact behavioural changes among the rural communities of shameerpet mandal of rangareddy district of Telangana state	Prof. A.Sajeli Begum	10,89,792.00	ICMR-ICSSR
4	Investigations on pro-inflammatory cytokine inhibitory low molecular weight metabolites of Pseudomonas sp. ABS -36 for the treatment of renal injury	Prof. A.Sajeli Begum	24,37,000.00	DST
5	Role and regulation of interleukins in diabetic wound healing	Dr. Onkar Kulkarni	27,00,000.00	DST
6	Functional role of HDAC5 in the pathogenesis of chronic kidney disease	Dr. Onkar Kulkarni	46,00,000.00	DBT
7	Regulation of IL-1b in neuropathic pain: role of NALP3 inflammasome, histone deacetylase and xanthine oxidase	Dr. Onkar Prakash Kulkarni	10,00,000.00	ADRIG
8	Desing and Deveopment of Isoform Selective HDAC3 Inhibitors for the Enhancement Long-term Memory	Dr. Balaram Ghosh	9,00,000.00	ADRIG
9	Evaluation of novel pharmacological interventions targeted at methy-glyoxal in diabetic cardiomyopathy	Dr. Arti Dhar	10,00,000.00	ADRIG
10	Investigation on structure activity relationship of the quinolone antibacterial against mycobacteria	Dr. D Sriram	10,00,000.00	UGC
11	Design and Synthesis inhibitors of various enzymes of mycobacterium tuberculosis like DNA, GYRASE and TOPOISOMERASE - 1	Dr. D Sriram	39,56,000.00	DBT-COE

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12	Isocitrate lyase Enzyme as Target in Persistent Mycobacterium tuberculosis Infection: Synthesis of 2-Arylthiazolidine-4-carboxylic acid and 5-Nitro-2-furoric acid Derivatives and its Antimycobacterial Evaluation	Dr. D Sriram	10,21,800.00	UGC
13	Design and Synthesis of New Inhibitors of mtb GlmU by modeling & high throughput docking	Dr. D Sriram	31,70,000.00	OSDD -CSIR PROJECT
14	Development of Novel DNA Gyrase Inhibitors Against Mycobacterium tuberculosis and other Non-tubercular Mycobacterial Infections	Dr. D Sriram	16,76,000.00	CSIR
15	Structure-guided Design of New Antibacterial Agents against Dormant Mycobacterium Tuberculosis	Dr. D Sriram	90,64,000.00	DBT Indo-Swedish-1
16	Design and Synthesis of New Inhibitors of MTB	Dr. D Sriram	11,11,111.00	AstraZenaca
17	Structure based rational design and synthesis of mycobacterium tuberculosis pantothenate synthetase inhibitors	Dr. D Sriram	23,80,000.00	DST
18	Development, synthesis and testing of novel HIV drugs	Dr. D Sriram	31,84,500.00	DST-IBSA
19	Development of Newer Isoniazid Derivatives for the Treatment of Tuberculosis and Multi-drug Resistant Tuberculosis	Dr. D Sriram	17,12,474.00	ICMR
20	Structure Based Rational Design and Synthesis of Inhibitors for Various Enzymes of Mycobacterium tuberculosis	Dr. D Sriram	18,00,000.00	ABG
21	Development and analysis of novel inhibitors against M. tuberculosis GlmU.	Dr. D Sriram	39,56,820.00	CSIR-OSDD
22	Structure based rational design and syntheisi of inhibitors for various enzymes of HIV	Dr. D Sriram	56,17,400.00	DBT
23	Strategies against antibiotic resistance in Mycobacterium tuberculosis and Pseudomonas aeruginosa : new drugs for old targets and old drugs for new targets	Dr. D Sriram	61,92,000.00	DBT Indo-Swedish-2

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24	Mycobacterium tuberculosis acetyl coenzymes a carbonylase inhibitors: stucture based drug design, synthesis and biological evaluation	Dr. D Sriram	11,89,000.00	DST-Indo Polish
25	Design and snthesis & biological evaluation of Mycobacterium tuberculosis serine/threonine protein kinase (BPknB) inhibitors	Dr. D Sriram	27,61,000.00	DST
26	Design and synthesis of newer gaba analogues for treating CNS Discorders	Dr. P Yogeeswari	8,35,413.00	UGC
27	Discovery of inhibitors of the protease of peripheral Macrophages and microglial cells in spinal cord foor the treatment of meuropathic pain	Dr.P.Yogeeswari	39,78,300.00	DST
28	Discovery of Novel Modulators of NAD(+) Dependent Protein Deacetylase SIRT 1 for the treatment of Various Human Disorders	Dr.P.Yogeeswari	29,77,000.00	DBT
29	Structure-guided design of novel non-peptidic noncovalent selective inhibitors of the spinal micgorglial cathepsins for the treatment of neuropathic pain	Dr. P Yogeeswari	31,12,000.00	DBT
30	Development of new antiepileptic leads to suppress hippocampal leads to suppress hippocampal epileptic seizures	Dr. P Yogeeswari	7,74,000.00	DST-Indo Ukranian
31	Development of Novel Compounds for the Treatment of Neural Complications of Diabetes	Dr. P Yogeeswari	6,04,000.00	DST
32	Structured-based Design of Orphan nuclear Receptor Modulators to treat Diabetes and its complications by targeting RORalpha and Rev-erbalpha	Dr. P Yogeeswari	21,61,600.00	ICMR Indo-France
33	Enzymes from Purine and Pyrimidine Biosynthetic pathway as targets for the development of Mycobacterium tuberculosis drugs	Dr. P Yogeeswari	48,22,990.00	DBT-Indo-Brazil

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34	Design and synthesis of pharmacophoric hybrids as potential leads for the treatment of neuropathic pain	Dr. P Yogeeswari	20,28,000.00	CSIR
35	Development of Novel anti-inflammatory agents	Dr. P Yogeeswari	21,00,000.00	Incozen
36	Design, pharmacokinetic and pharmacodynamic evaluation of nanocarriers for selective estrogen receptor modulators (SERMs) delivery in the effective treatment of post-menopausal osteoporosis.	Dr.Punna Rao	7,83,000.00	UGC
37	Solubility investigation comparative PK study formulation PK study	Dr. Srikant Charde & Dr. Punna Rao Ravi	5,27,080.00	Daewoong
38	Technical and knowledge support for preparation and filing of drugs master file (DMF) as per common technical documents (CTD) for sennosides USP including the analytical requirements	Dr. Punna Rao Ravi	5,74,560.00	Shahsi Phytochemical Ltd
39	Design and characterization and pharmacokinetic evaluation of nanocarriers for antiretroviral drug delivery in the effective treatment of HIV/AIDS	Dr. Punna Rao Ravi	23,10,000.00	DST
40	Pharmacological evaluation of novel double stranded RNA dependent rotein kinase (PKR) inhibitors for diabetic cardiomyopathy	Dr. Arti Dhar	24,00,000.00	CSIR
41	Role of double stranded RNA dependent protein kinase (PKR) in hypertension: Mechanism and prevention	Dr. Arti Dhar	26,04,000.00	DST
42	Transcutaneous delivery of macromolecules using layer-by-layer asembly to treat skin conditions	Dr. Vamsi Krishna Venuganti	23,00,000.00	DST
43	Transcutaneous delivery of liposomesirna complex to treat skin cancer	Dr. Vamsi Krishna Venuganti	29,26,000.00	DST-liposome
44	Non -Invasive Delivery od siRNA to treat Melanoma	Dr. Vamsi Krishna Venuganti	22,84,800.00	DBT (RGYI)
45	"Analytical development studies for pharmaceutical products"	Dr. Vamsi Krishna Venuganti	18,30,855.00	Intera Health

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46	Development of a Non-invasive biodegradable polymeric microprojection ocular patch for effective corneal delivery of anti-microbial agents to treat fungal infections of eye	Dr. Vamsi Krishna Venuganti	42,25,150.00	ICMR
47	Near-Infrared Light Degradable Nanomicellar Chemo-Photodynamic Therapy using Aerobic Chlorin e6 Conjugate for Oropharyngeal Carcinomas	Dr. Swati Biswas	30,72,000.00	SERB-DST
48	Turnor targeted nanomedicines for Photodynamic therapy	Dr. Swati Biswas	9,58,000.00	DST-Indo-Belarus
49	Cell Penetrating Peptide Octa-Arginine anchored, Multifunctional poly(amidoamine)Dendrimer to Promote delivery of chemotherapeutics in cancer	Dr. Swati Biswas	37,03,695.00	DBT
50	D- $\alpha$ tocopherol conjugated co-polymer based micelles for improved delivery of chemotherapeutics with reversal of multiple drug resistance	Prof. Swati Biswas	23,00,000.00	SERB-DST
51	Development for sustained release injectable formulations	Dr. Swati Biswas & Dr. Balaram Ghosh	22,00,000.00	Daewoong Pharmaceutical Co.Ltd
52	Development of epigenomes-targeted liposomes for the cancer specific delivery of chemotherapeutic drug, Doxorubicin	Dr. swati Biswas & Dr. Balaram Ghosh	29,00,000.00	Sun Pharma
53	Design, Synthesis and Biological Evaluation of HDAC3 Selective Inhibitors as Long Term Memory Enhancers	Dr. Balaram Ghosh	29,87,800.00	DST
54	Development of pH-responsive smart capsule containing targeted multilayer film for drug delivery: The proof-of-concept study in colorectal cancer model	Dr. V Vamsi Krishna Venuganti	55,54,225.00	DST
55	Advancing host-directed therapy for tuberculosis/MDR-TB: Development of novel PKB/AKT1 and Protein Kinase R inhibitors as an adjunctive treatment for tuberculosis	Dr. D. Sriram	27,00,000.00	DBT-Tata Innovation