

DEPARTMENT OF BIOTECHNOLOGY

SPONSORED PROJECTS

S.NO	Faculty	Title of the Project	Funding Agency	Amount
1	Dr. S. Karthick Raja Namachivayam	Pesticidal activity of cyclodepsipeptide from <i>Nomuraea rileyi</i> (F.) Samson against major groundnut defoliator <i>Spodoptera litura</i> (Fab.) (Lepidoptera: Noctuidae)	Department of Science & Technology. Ministry of science & Technology, Government of India sponsored Project	17,84,000/=
2	Dr. M BavaniLatha	Studies on expression of Oct4, Sox2, FoxD3 and Nanog in UV irradiated Zebrafish embryos	DBT	12,48,000/=
3	Dr. C. Valli Nachiyar	Construction, characterization of Microbial consortia capable of degrading azo dye containing effluent	DBT	14,92,000/=
4	Dr. Jayshree Nellore	Reversal of Multi Drug Resistant <i>Pseudomonas aeruginosa</i> isolated from various clinical sources by pyochelin-conjugated liposome oleic acids co-encapsulated with combination antibiotics	ICMR Ref No. 5/3/3/18/2010/ECD-I	50,00,000/=
5	Dr. Jayshree Nellore	Studies on expression of Nurr1, Foxa1, Engrailed and Lmxla b genes in MPP ⁺ induced Parkinsons disease model in zebrafish embryos	DBT	21,50,000/=

S.NO	Faculty	Title of the Project	Funding Agency	Amount
6	Dr. M. Radhakrishnan	Exploring the antibiotic potential of siderophores (sideromycins) from marine-derived actinobacteria effective against multi drug resistant Gram negative bacterial pathogens	DST-SERB	18,20,000/=
7	Dr. M. Radhakrishnan	Biodiversity and Bioprospecting of Marine Actinobacteria for anti-TB, anti-HIV and Immunomodulatory substances	DBT	39,11,200/=
8	Dr. Jerrine Joseph	Characterization, structure elucidation and druggability studies of three potential anti TB metabolites from novel Streptomyces sp. ANS2 from Andaman Nicobar marine sediments	DBT	32,58,000/=
9	Dr.Y.Swarnalatha	Design and Development of natural hepato protective churnam	DRDO-LSRB 348/FHS & ABB/2019	32,37,070/=