

Institute Name : Chettinad Academy of Research and Education
India Ranking 2018 ID: IR-2-O-OD-U-0451, MEDICAL IR-2-D-OD-U-0451
Discipline : MEDICAL & OVER ALL

	Financial Year	Name of Faculty (Principal Investigator)	Name of the Funding agency	Title of the Project	Amount Received(In Rupees)	Amount Received (in Words)
1	2016-17	Dr.Sheik Fareeth Ahmad, Dr.V.G.Ramesh, Dr.R.Murugesan	CARE	Biomarker discovery for neurological disorders.	133035	One lakh thirty three thousand and thirty five only
2		Dr.R.Satish, Dr.Rajasekaran	CARE	Latent autoimmune diabetes in adults (LADA): prevalence, genetic risk factors and biomarkers	61070	Sixty one thousand and seventy only
3		Dr.A.Moorthy, Dr.Ashokkumar	CARE	Thermosensitive hydrogel for skin tissue regeneration	157289	One lakh fifty seven thousand two hundred and eighty nine only
4		Dr.A.Moorthy, Dr.R.Murugesan	CARE	Stimuli responsive polymeric hydrogel for connective tissue regeneration.	87627	Eighty seven thousand six hundred and twenty seven only
5		Dr.Agnishwar Girigoswami. Dr.Abubacker	CARE	Engineered nanostructures for drug delivery and biomedical imaging.	182657	One lakh eighty two thousand six hundred and fifty seven only
6		Dr.Gowthamkumar, Dr.Sheik Fareeth Ahmad. Dr.R.Murugesan	CARE	A study on the association of genetic polymorphism and the risk factors of diabetic nephropathic condition in type	133453	One lakh thirty three thousand four hundred and fifty three only
7		Dr.Shoba Narayan, Dr.R.Murugesan	CARE	Biomimetic drug/growth factor loaded calcium phosphata-chitosan nanocomposites for	60870	Sixty thousand eight hundred and seventy only
8		Dr.Pradeep G Nayar, Dr.Sheik Fareeth Ahmad, Dr.R.Murugesan	CARE	Validation on the association of system identified biomarkers and echocardiographic assessments in cardiovascular patients.	44683	Forty four thousand six hundred and eighty three only

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1		Dr.Agnishwar Girigoswami	CARE	Studies on bioequivalence and bioavailability of nano formulated nutraceuticals in lifestyle diseases	79701	Seventy nine thousand seven hundred and one only
2		Dr.T.K.Balaji	CARE	Effect of chlorpyrifos an organophosphate compound in the skeletal system development of chick embryo	77337	Seventy seven thousand thre hundred and thirty seven only
3		Dr.T.K.Balaji	CARE	A study on assessment of learning pattern and its associated neurotransmitters in the off springs of stress induced male rats	73402	Seventy three thousand four hundred and two only
4		Dr.A.S.Shameem Banu	CARE	A cross sectional study on association of HLA class II allele variants in patients with hepatitis B Viral infection.	159292	One lakh fifty nine thousand two hundred and ninety two only
5		Dr.M.S.Srinivasan	CARE	A study on genetic predisposition and skin micro biome in psoriasis patients attending tertiary care hospital	158291	One lakh fifty eight thousand two hundren and ninety one only
6		Dr.Surajit Pathak	CARE	Role of TAZ in differentiation of mesenchymal stem cells	141347	One Lakh forty one thousand three hundred and forty seven only
7		Dr. Thangavel.M	CARE	Neuroprotective effect of lithium on neuronal cytoskeleton protein.	157403	One lakh fifty seven thousand four hundred and three only
8		Dr Weslen Vedakumari	CARE	Preparation and characterization of gold nanoparticles functionalized with different capping agents for enhanced drug loading and ct imaging applications	20000	Twenty thousand only

9	2015-16	DR. A. Thamaraiichelvan	CARE	Paper based analytical device for the detection of salivary biomarkers in chronic periodontitis	20000	Twenty thousand only
10		Dr. Agnishwar Girigoswami	CARE	Fabrication of biocompatible magnetic nanostructures for twin relaxivity in MRI	20000	Twenty thousand only
11		Dr. Koyeli Girigoswami	CARE	Zinc Oxide Nanoflower Platform: A Sensitive Amyloid Sensor	20000	Twenty thousand only
12		Dr. R. Karunanithi	CARE	Evaluation of Alzheimer's disease using Magnetic Resonance - Diffusion Tensor Imaging (MR-DTI)	20000	Twenty thousand only
13		Dr. SSJ. Shiek Fareeth Ahmed	CARE	Molecular mechanism of sepsis towards biomarker discovery	20000	Twenty thousand only
14		Dr. R. Saravanan	CARE	Neuroprotective effect of phloroglucinol from selected brown seaweeds in experimentally induced parkinson's disease in zebrafish model	20000	Twenty thousand only
15		Dr. Satish Ramalingam	CARE	Novel Folate Receptor Targeting Hesperetin For Colorectal Cancer Treatment	20000	Twenty thousand only
16		Dr. Gowtham Kumar	CARE	Studies on Protective Effect of Quercetin on Hyperglycemic Chick Embryos	20000	Twenty thousand only
17		Dr.Surajit Pathak	CARE	Evaluation of potential anti-colon cancer activity of cationic liposomal nanoformulated Lycopodium clavatum in HCT15 cell line	20000	Twenty thousand only
18		Dr. Ashok Palaniappan	CARE	Computational study of p-glycoprotein in drug resistance mechanism	20000	Twenty thousand only
19	Dr. Gowtham Kumar	CARE	Studies on anti angiogenic effect of minocycline in chick embryo model	20000	Twenty thousand only	

20	Dr. M. Thangavel	CARE	SNAP-25 mediated regulation of autophagy in human breast cancer cells	20000	Twenty thousand only
21	Dr. K. Kumar Ebenezar	CARE	Association nitric oxide signalling gene polymorphism in acute coronary syndrome (ACS)- A pilot study	20000	Twenty thousand only
22	Dr. V. Ramakrishnan	CARE	Association of MTHFR and PPARG gene polymorphisms in diabetic nephropathy – a pilot study	20000	Twenty thousand only
23	Dr. Shoba Narayan	CARE	Fabrication and Characterization of Polycaprolactone reinforced with Copper doped Wollastonite derived from Agricultural Waste	20000	Twenty thousand only
24	Prof. Dr. N. Srinivasan	CARE	Synthesis and Characterization of Nano Bioglass Ceramics particles doped with Calcareo phosphorica	20000	Twenty thousand only
25	Dr. Shoba Narayan	CARE	Effect of 5 Azacytidine Entrapped PCL/Gelatin Scaffold on Cardiomyocyte Differentiation	20000	Twenty thousand only
26	Dr. R. Saravanan	CARE	Nutritional profiling and antioxidant activity of polysaccharides from selected Indian seaweeds	20000	Twenty thousand only
27	Dr M. Chokkalingam	CARE	Correlation between propagation velocity and concomitant diastolic parameters in the assessment of diastolic function in preoperative& postoperative ptca	20000	Twenty thousand only

28		Prof. Pradeep G Nayar	CARE	Recommendation of lv chamber quantification by echocardiography of indian population in normal patients	20000	Twenty thousand only
29		Dr M. Chokkalingam	CARE	Correlation of arterial stiffness with LV diastolic function	20000	Twenty thousand only
30		Dr M. Chokkalingam	CARE	CORRELATION OF ARTERIAL STIFFNESS WITH LV MASS	20000	Twenty thousand only
31		Dr R Arun Kumar	CARE	Bioequivalence study of sulfamethoxazole/trimethoprim combination	20000	Twenty thousand only
32		Prof Ruckmani A	CARE	Bioequivalence study of finasteride	20000	Twenty thousand only
33		Dr R Arun Kumar	CARE	Bioequivalence study of Zileuton	20000	Twenty thousand only
1	2014-15	Dr. R.Saravanan	CARE	Role of sulfated polysaccharids from marine invertebrates against neurological disorders	202734	Two Lakh two thousand seven hundred and thirty four only
1	2013-14	Dr.D.Rajasekaran	CARE	Studies on sepsis - A Clinical & Laboratory correlates	222750	Two lakh twenty two thousand seven hundred and fifty only
Ity - CARE Funded						
1	2013-14	Dr.S.Ranjani	CARE Seed Money	Leucocytes in semen sample – Is it really significant?	20000	Twenty thousand only
2		Dr.D.Ramesh Raja	CARE Seed Money	Standardization of oocyte cryopreservation	20000	Twenty thousand only
3		Dr. Koyeli Girigoswami	CARE Seed Money	Stoichiometrically Different Magnetic Nanoparticle Induced Cytotoxicity in Different Cell Lines.	20000	Twenty thousand only
4		Dr. G. Arun Kumar	CARE Seed Money	Immunogenetic predisposition to oncogenic HPV infection among cytologically (cervical) normal women from Tamil Nadu, India	20000	Twenty thousand only

5		Ms.Kurunchi C Divya	CARE Seed Money	Detection of antibiotic resistant genes of nosocomial pathogens using multiplex PCR	20000	Twenty thousand only
1	2015-16	Dr. Prince Johnson Samuel	CARE Seed Money	Eosinophils and insulin resistance: a study to explore their association.	20000	Twenty thousand only
2		Dr.Welsen S Vedakumari	CARE Seed Money	Fabrication and characterization of sericin modified monetite for Bone Tissue	20000	Twenty thousand only
3		Dr.Surajit Pathak	CARE Seed Money	Comparative study between SN38 drug alone and PLGA coated SN38 nanoparticles treatment in colon cancer cells to study the expressional changes of tumor suppressor micro RNA 101	20000	Twenty thousand only
4		Dr.G.N.Naveen	CARE Seed Money	Effect of knol khol juice on glycosylateol hemoglobin, fasting and post prondial glucose levels in patients with uncontrolled type II diabetes mellitus – pilot study	20000	Twenty thousand only
5		Dr. S.Latha	CARE Seed Money	Evaluation of health and stress outcomes of commuting	20000	Twenty thousand only

1		Mrs. A.Rathiga	CARE Seed Money	A study to assess the effect of Vitamin d3, Supplementation on level of blood glucose among vitamin D deficient adult with pre diabetes	20000	Twenty thousand only
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2	2016-17	Dr.Antara Banerjee	CARE Seed Money	Anti-tumorigenic, anti-oxidative and anti-inflammatory effects of combinational therapy of lycopodium clavatum and quercetin, against colon cancer and hepatocarcinoma	20000	Twenty thousand only
3		Dr.S.Saradha	CARE Seed Money	Serum Magnesium level in patients on PPI (Proton Pump Inhibitor) therapy.	20000	Twenty thousand only
4		Dr.M.Duraivel	CARE Seed Money	Dihydropyrimidine dehydrogenase (DPYD) genetic polymorphism in breast cancer patients	20000	Twenty thousand only
5		Dr.K.J.Remya	CARE Seed Money	Assessment of thumb muscle activity in touch screen mobile phone users	20000	Twenty thousand only
6		Dr.Aruna Shanmuganathan	CARE Seed Money	To correlate grade of pulmonary artery pressure with six minute walk test and dyspnoea grading in group 3 pulmonary artery hypertension.	20000	Twenty thousand only
7		Dr.V.Malathi, Ms.Kuruchi C Divya	CARE Seed Money	Association of VDR gene and IGFI polymorphism with CAD among type 2 diabetic patients – a pilot study	20000	Twenty thousand only