

ONGOING RESEARCH PROJECTS

S.No	Title of the Study	Investigators	Funding agency
1.	Improving Radiation safety standards in Dental Practice.	Dr. Devanand Dr. A. Saravana Kumar Dr. K. N. Govindarajan	AERB(2017-2019)
2.	Transgenerational epigenetics and Bisphenol A in Breast cancer –(Granted DBT cancer biology consortium)	Dr Sudha Ramalingam	DBT (2015)
3.	G Protein coupled receptor kinase protein 5 polymorphism and its influence on disease progression, and response to beta-blocker therapy in cardiac failure in Indian patients	Dr Ramalingam Sankaran, Dr Thiagarajan Sairam, Dr Sudha Ramalingam	ICMR (2015)
4.	A Study of HDL Function and Proteomics – A Novel Method of Evaluating Dyslipidemic treatment	Dr Gayathri, Dr Ramalingam Sankaran, Dr Thiagarajan Sairam, Dr Sudha Ramalingam	DST (2013)
5.	Development of a biosensor based assay using chicken egg yolk antibodies for rapid diagnosis of Rotavirus infection	Dr Michael A , Dr Ramalingam Sankaran, Dr Thiagarajan Sairam, Dr Sudha Ramalingam,	ICMR (2013)
6.	Discovery of new type III polyketide synthases for novel polyketide products	Dr Jeya Marimuthu	DBT (2015)
7.	Sanitation Technology Platform Testing	Dr Sudha Ramalingam	RTI-Step
8.	Advancing Comprehensive Cervical Cancer Prevention in Sikkim and Tamil Nadu: An In-Depth Qualitative Study	Dr Sudha Ramalingam	RTI-ACS

COMPLETED RESEARCH PROJECTS

S.No	Title of the Study	Investigators	Funding agency
1.	Persistent Organic Pollutants – Environmental Risk Factors for Diabetes Mellitus? - A Case-Control Study	Dr Ramalingam Sankaran, Dr Sudha Ramalingam, Dr Thiagarajan Sairam	ICMR (2011 -2014)
2.	Female Genital Tuberculosis: An Epidemiological study and development of a novel endometrium specific biomarker..	Dr Ramalingam Sankaran, Dr Sudha Ramalingam, Dr Thiagarajan Sairam	ICMR (2010 – 2013)
3.	Establishment of CT diagnostic reference levels in selected CT Procedures	Dr. K.N.Govindarajan Dr. A.SaravanaKumar	AERB(2011-2013)
4.	Expression of Toll- like Receptor Signaling Pathway Genes in Rheumatoid Arthritis.	Dr Thiagarajan Sairam , Dr Ramalingam Sankaran, Dr Sudha Ramalingam	DBT (2009 -2013)
5.	Image Quality / patient - staff dose studies & development of audit procedures In interventional Cardiology	Dr. K. N. Govindarajan Dr. A. Saravana Kumar	AERB(2013-2016)
6.	Assessment of Doses for Pediatric Computed Tomography	Dr. K. N. Govindarajan Dr. A. Saravana Kumar	PSG-STEP & AERB(2013-2014)
7.	Genotype-Phenotype Correlation of a novel G protein coupled Receptor Kinase 5 (GRK5) polymorphism in patients with Congestive Heart Failure –Implications in treatment.	Dr Sudha Ramalingam, Dr Ramalingam Sankaran, Dr Thiagarajan Sairam	DBT (2009 -2013)

COLLABORATIVE RESEARCH PROJECTS

S.No	Title of the Study	Investigators	Collaborative Institutions	Funding agency
1.	Cost Effective Trileaflet BioPolymeric Heart Valve For India	LP Dasi, Susan P James, Christopher Orton, Ketul C Popat, V Chandrasekar, Dr Murugesan, Dr Baldevraj, Dr Ramalingam s, Dr S G Kothai, Dr Shanthakumari	Colorado State University(CSU), Ohio State University & PSGIMSR	NIH - DBT
2.	Sanitation Technology Platform	Philip Watson, Camille Heaton, Sonia Grego, Sudha Ramalingam	Research Triangle International, North Carolina, USA & PSGIMSR	Bill & Melinda Gates Foundation
3.	Persistent Organic Pollutants – Environmental Risk Factors for Diabetes Mellitus? - A Case-Control Study	Dr William Toscano, Dr Ramalingam Sankaran, Dr Sudha Ramalingam , Dr Thiagarajan Sairam	University of Minnesota, USA & PSGIMSR	ICMR (2011 - 2014)
4.	Advancing Comprehensive Cervical Cancer Prevention in Sikkim and Tamilnadu: an indepth qualitative study	Dr Suneeta Krishnan, Dr Sudha Ramalingam, Dr S Iswarya	RTI Global India & PSGIMSR	American Cancer Society
5.	Evidence for preserved Redox Homeostasis and Hyper-Oxidative/Reductive conditions in Heart Failure Patients	Dr Rajasekaran Namakkal Soorappan, Dr Thiagarajan Sairam, Dr Sudha Ramalingam, Ms Meenu Subramaniam, Dr Ramalingam S	University of Alabama at Birmingham, USA & PSGIMSR	
6.	Clinical Evidence for a Hyper-Reductive State(Reductive Stress) in heart failure patients	Dr Rajasekaran Namakkal Soorappan, Dr Thiagarajan Sairam, Dr Sudha Ramalingam, Ms Meenu Subramaniam, Dr Ramalingam S	University of Alabama at Birmingham, USA & PSGIMSR	

7.	Role of Nrf2 and Keap1 gene in heart failure and cardiomyopathy patients	Dr Rajasekaran Namakkal Soorappan, Dr Thiagarajan Sairam, Dr Sudha Ramalingam, Ms Meenu Subramaniam, Dr Ramalingam S	University of Alabama at Birmingham, USA & PSGIMSR	
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