

ONGOING RESEARCH PROJECTS

S.No	Title of the Study	Investigators	Funding agency
1.	Transgenerational epigenetics and Bisphenol A in Breast cancer –(Granted DBT cancer biology consortium)	Dr Sudha Ramalingam	DBT (2015)
2.	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)
3.	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)
4.	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)
5.	Discovery of new type III polyketide synthases for novel polyketide products	Dr Jeya Marimuthu	DBT (2015)
6	Sanitation Technology Platform Testing	Dr Sudha Ramalingam	RTI-Step
7	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.	Expression of Toll- like Receptor Signaling Pathway Genes in Rheumatoid Arthritis.	Dr Thiagarajan Sairam , Dr Ramalingam Sankaran, Dr Sudha Ramalingam	DBT (2009 -2013)
4.	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 cardio myopathy 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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**Funded projects under Centre for Research and Bio ethics
Department of Radiology**

S.No	Project title	Funding agency	Year	Investigators	Status
1	Improving Radiation Safety standards in dental Practice	AERB	2017-2019	Dr. A. Saravana Kumar Dr. K. N. Govindarajan	Approved
2	Image Quality / patient - staff dose studies & development of audit procedures In interventional Cardiology	AERB	2013 - 2016	Dr. K. N. Govindarajan Dr. A. Saravana Kumar	Completed
3	Establishment of CT diagnostic reference levels in selected CT procedures	AERB	2011 - 2013	Dr. K. N. Govindarajan Dr. A. Saravana Kumar	Completed
4	Assessment of Doses for Pediatric Computed Tomography	PSG-STEP & AERB	2013 - 2014	Dr. A. Saravana Kumar Dr. K. N. Govindarajan	Completed