

RAJIV GANDHI CENTRE FOR BIOTECHNOLOGY

Ph D THESES

SI No	Title	Year	Name of Student	Name of Research Guide
1	Functional role for the Goat Uterine Nuclear Estrogen Receptor in Post-Transcriptional control mechanisms	2000	Thomas Sebastian	Dr. R V Thampan
2	Molecular mechanisms associated with the Plasma Membrane - To - Neucleus Movement of the Goat Uterine Non- Activated Estrogen Receptor	2000	Sreeja S	Dr. R V Thampan
3	Hepatitis C Viruses (HCV): Studies on Viral Genotypes and its Role in HepatoCellular Carcinoma	2001	Chetan Datta Poduri	Dr. M R Das
4	Molecular signatures of Tribal Populations in Kerala based on DNA Finger printing	2002	Anitha A	Dr. Moinak Banerjee
5	Endoplasmic Reticulam-To-Nucleus movement of the Goat Uterine Estrogen Receptor Activation Factors: Identification of the key Proteins involved	2002	Anitha P Govind	Dr. R V Thampan
6	Molecular Alterations of SMAD 2 and SMAD 4 in Human Cervical cancer	2002	Tessy Thomas Maliekal	Dr. Karunagaran
7	IS6110 fingerprinting of clinical isolates of Mycobacterium tuberculosis and the development of a system to study the mechanisms of pathogenicity.	2003	Indu Lakshmi Radhakrishnan	Dr. Sathish Mundayoor
8	Active Site Mapping of Calcium/Calmodulin Dependent Protein Kinase Type II	2003	Praseeda M	Dr. Omkumar

9	Molecular Genetic Analysis of Hereditary Deafness among Kerala population: Role of Myosin 15 and Connexin 26 genes	2003	Anu Yamuna Joseph	Dr. T.J. Rasool
10	Molecular characterization of Avian Cytokines	2003	Sreekumar E	Dr. T.J. Rasool
11	Study on the Regulation of Nuclear factor Kappa B Expression in Human Cervical cancer	2003	Venkatraman M	Dr. Karunagaran
12	Molecular Mechanism of Curcumin Action in Cells	2004	Rashmi R	Dr. Karunagaran
13	Molecular characterization of 3-Hydroxy-3- Methylglutaryl-CoA Reductase and 1-Deoxy - D- Xylulose - 5- Phosphate Synthase Gene from phosphate Andogaphis paniculata (Burm.f.) Wall.ex Nees	2004	Seetha K	Dr. N.S Banerjee
14	Design Synthesis and characterization of new Polymeric support for solid phase peptide synthesis	2004	Leena S	Dr. K. Santhosh kumar
15	Molecular characterization of major Cytokines of Indian water Buffalo	2005	Avinash Premraj C	Dr. T.J Rasool
16	Effects of major Organosulfur Compounds from Garlic on Proliferation and Apoptosis of cancer cells	2005	Suby Oommen	Dr. Karunagarn
17	Mapping of functions on Calcium/Calmodulin: Dependent Protein Kinase Type II	2005	Pradeep K K	Dr. Omkumar
18	Immunogenetic Profiling and Disease Association of HLA Class India 1 Genes in different population of Kerala	2005	Rashmi Thomas	Dr. Moinak Banerjee
19	Genome Organization of Field Strains of Mycobacterium Tuberculosis	2005	Suma S	Dr. Sathish Mundayoor

20	Molecular characterization and varietal identification in 'njavara' a traditional medicinal rice (<i>Oryza sativa</i> L.) in Kerala, India	2005	Sreejayan	Dr. George Thomas
21	Hepatoprotective Action of <i>Lygodium Flexuosum</i> (L.) SW.. From Traditional Medicine to Molecular Biology	2006	Wills P J	Dr. Asha V V
22	Resistance Gene candidates from <i>Zingiber</i> spp: Isolation, characterization and expression analysis	2006	Aswati Nair S	Dr. George Thomas
23	Molecular charecterisation of field strains of <i>Mycobacterium tuberculosis</i>	2006	Manju Y K	Dr. Sathish Mundayoor
24	Molecular Charecterization of NS 3 Serine Protease and RNA dependent and " RNA Polymers of Hepatitis C Virus, sub type b"	2006	Prasanth V	Dr. Sugunan
25	Studies on Genomic diversity and genotype associated virulance factors in clinical and environmental isolates of <i>vibrio cholerae</i> 0139 strains	2006	Bhanumathi R	Dr. D V Singh
26	Studies on a cytotoxic factor produced by a clinical strain of <i>Vibrio cholerae</i> 054	2006	Sree Ranjini Isac	Dr. D. V. Singh
27	A Study on Transforming Growth factor Beta Signalling In Human Overian Cancer	2007	Marie Lue Antony	Dr. D. Karunagaran
28	Functional studies on the goat uterine estrogen receptor activation factor	2006	Julie Jacob	Dr. R V Thampan
29	Molecular analysis of <i>vibrio cholerae</i> 01 EL TOR strains isolated from Kerala, India	2007	Dhanya Ramachandran	Dr. D. V. Singh
30	Type III polyketide synthases - Its genomic analysis in <i>Zingiberaceae</i> , significance in ginger in relation to gingerol and potential applications	2007	Radhakrishnan E K	Dr. Soniya E. V

31	Studies on the pharmacological and toxicological properties of cardiospermum Linn. extracts/active fractions keeping in view with standardized phytomedicine development	2007	Sheeba M S	Dr. Asha V V
32	Regulatory role of curcumin on the carcinogenic effect induced by ingredience of cigarette smoke	2007	Vinesh kumar T P	Dr. Ruby John Anto
33	Population dynamics, molecular phylogeny and charecterization of antimicrobial peptides of teak defoliator (Hyblae puera carmer)	2007	Chandrasekhar R	Dr. Moinak Banerjee
34	Genetic variation in wild gingers (Zingiberaceae) for resistance to response Pythium infection and analysis of differentially expressed transcripts in hosts with different levels of pathogen	2007	Kavitha P G	Dr. George Thomas
35	Cloning of β -1, 3- glucanase from ginger (Zingiber officinale Rose) and studies on its modulation during pythium aphanidermatum infection	2007	Deepty Antony	Dr. G. Purushothama
36	A Study on the nuclear abnormalities induced by smad3 or RelA and HeLa cells	2007	Goodwin Jinesh G	Dr. D. Karunagaran
37	Development of phenotypically normal transgenic potatocytokinins (Solanum tuberosum) plants overproducing	2007	Nisha K K	Dr. G. Purushothama
38	Development of Microsatellite markers and AFLP analysis for genotyping the cultivars of black pepper (Piper nigrum L.)	2008	Nisha Joy	Dr. E. V. Soniya
39	Genetic Transformation studies in Cucumis Sativus for Expressing Immunogenic Proteins	2008	Sindhu C Unni	Dr. Soniya E V
40	Molecular Studies on Plants- Derived agents which display Antiosteoporosis and anticancer properties	2008	Sebastian K S	Dr. R V Thampan

41 Study of Microtubule Assembly By Some Microtubule Nucleation Promotors

2009

Nisha Elizabeth Thomas

Dr.Suparna Sengupta