

RAJIV GANDHI CENTRE FOR BIOTECHNOLOGY

LIST OF Ph D THESES

Sl No	Title	Year	Name of Student	Name of the 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. R V 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. R V. 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	Structure - Function Relationships in the Interactions between Calcium/ Calmodulin Dependent Protein Kinase Type II (CaMKII) and N-Methyl-D-aspartate Receptor (NMDAR) sub units	2006	Rajeev Kumar R	Dr. R V. Omkumar
28	Functional studies on the goat uterine estrogen receptor activation factor	2006	Julie Jacob	Dr. R V Thampan
29	A Study on Transforming Growth factor Beta Signalling In Human Overian Cancer	2007	Marie Lue Antony	Dr. D. Karunagaran
30	Molecular analysis of <i>vibrio choleraer</i> 01 EL TOR strains isolated from Kerala, India	2007	Dhanya Ramachandran	Dr. D. V. Singh

31	Type III polyketide synthases - Its genomic analysis in Zingiberaceae, significance in ginger in relation to gingerol and potential applications	2007	Radhakrishnan E K	Dr. Soniya E. V
32	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
33	Regulatory role of curcumin on the carcinogenic effect induced by ingredience of cigarette smoke	2007	Vinesh kumar T P	Dr. Ruby John Anto
34	Population dynamics, molecular phylogeny and charecterization of antimicrobial peptides of teak defoliator (Hyblae puera carmer)	2007	Chandrasekhar, R	Dr. Moinak Banerjee
35	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
36	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
37	A Study on the nuclear abnormalities induced by smad3 or RelA and HeLa cells	2007	Goodwin Jinesh G	Dr. D. Karunagaran
38	Development of phenotypically normal transgenic potatocytokinins (Solanum tuberosum) plants overproducing	2007	Nisha K K	Dr. G. Purushothama
39	Potential Role of Curcumin, The Yellow Pigment of Turmeric(Curcuma longa) in Sensitizing the conventional Chemotherapeutic drugs	2007	Smitha VB	Dr Ruby John Anto
40	Development of Microsatellite markers and AFLP analysis for genotyping the cultivars of black pepper (Piper nigrum L.)	2008	Nisha Joy	Dr. E. V. Soniya

41	Genetic Transformation studies in Cucumis Sativus for Expressing Immunogenic Proteins	2008	Sindhu C Unni	Dr. Soniya E V
42	Molecular Studies on Plants- Derived agents which display Antiosteoporosis and anticancer properties	2008	Sebastian K S	Dr. R V Thampan
43	Study of Microtubule Assembly by some Microtubule Nucleation Promoters	2008	Nisha Elizabeth Thomas	Dr. Suparna Sen Gupta
44	Structural and functional studies of the goat bone marrow RNA dependent RNA polymerase	2008	Lakshmi Priyadarsini	Dr. R V Thampan
45	Functional implications of the interaction between CA2+/ Calmodulin dependent protein kinase type II and N-Methyl-D-aspartate receptor subunit 2B	2008	John Cheriyan	Dr. R V. Omkumar
46	Identification of the Functional Role of Estrogen Receptor Activation Factor and Zinc Finger Protein-99 in Steroid Regulated Gene Expression	2009	Mohamed Febin Farook	Dr. R V Thampan
47	Pharmacogenetic Profiling for Theranostic Evaluation of Schizophrenia in a South Indian Population	2009	Neetha N V	Dr. Moinak Banerjee
48	Functional Analysis of Duck (ANAS PLATYRHYNCHOS) CC Chemokines on Antibacterial and Antiviral Defense	2008	Arathy D S	Dr. E Sreekumar
49	Identification and biological characterization of ApAvBD2- A Novel Beta-Defensin antimicrobial peptide of avian origin	2009	Soja Saghar S	Dr. E Sreekumar
50	Cellular effects of plumbagin in BRCA1 blocked ovarian cancer cells	2009	Thasni K A	Dr. Priya Srinivas

51	Interaction of Calcium/Calmodulin dependent protein kinase type II with neuronal Ion channel proteins - Implications in kinase catalysis and regulation by phosphates	2009	Suma Priya	Dr. R V Omkumar
52	Genetic Dissection of Intracranial Aneurysms in South Indian Population	2009	Linda Koshy Vaidyan	Dr. Moinak Banerjee
53	Identification and chareacterization of Lipid Refts and Taft Associated Proteinsa on Mammalian Spermatozoa	2010	Mohammed Shoeb	Dr. Pradeep kumar G
54	Role and relevance of plastidial and cytolc isopentenyl diphosphate (IPP) overproduction on bacoside content of Brahmi [Bacopa monnieri(L.) Wettst.]	2010	Lakshmi Mahadevan	Dr. Purushothamam M G
55	Albumin of Epididymal Origin: Synthesis, secretion and possible regulatory functions	2010	Deepa Mathew	Dr. R V Thampan
56	Evaluation of the Synergistic Effect of Paclitaxel and curcumin in carcinogen- Induced and Xenograft models of Cervical Carcinogenesis in Mice	2010	Sreekanth C N	Dr. Ruby John Anto
57	Study of Diaminothiazoles in cancer cells and in Microtubule system	2010	Smitha S L	Dr. Suparna Sen Gupta
58	A Study of Hippocampal Neurogenesis associated with Temporal Lobe Epilepsy and the Role of Notch Signaling in Transcriptional Regulation of TLX3, a Selecter Gene involved in Excitatory versus Inhibitory Fate Specification	2010	Indulekha C L	Dr. Jackson James