

DEPARTMENT OF BIOTECHNOLOGY

UNIVERSITY OF CALICUT

BIOTECHNOLOGY DEPARTMENT LIBRARY

SL No	Name	Title	Guide	Dis no	
2007-09 Batch					
1	Abhishek Kumar	Molecular based identification or distinction of the medicinal plant <i>Adiantum alatum</i> and <i>Wedelia chinensis</i>	MVJ	D127	1701
2	Manasa Gayatri G	Association of a histone variant H2AZ with two pol 111transcribed genes SNR6 and SUP4 in <i>Saccharomyces cerevisiae</i>	Purnima Bhargava	D128	1702
3	Garima Trivedi	Cell cycle perturbations using okadaic acid a potent tumor promoter and UV radiations in mitotically synchronous cultures of <i>Physarum polycephalum</i>	PRM	D129	1703
4	Moirangthem Ranjitadevi	Evaluation of antiproliferative activity of medicinal plants extracts of EAC and DLA cell lines	MVJ	D130	1704
5	Pradip Kumar Nagar	Enhancement of biogas production from agrowaste using metal ions as additives	CG	D131	1705
6	Raveendra Babu M.	Evaluation of apoptotic action by medicinal plant extracts on EAC and DLA cell lines	MVJ	D132	1706
7	Ritu Mishra	Cell cycle perturbations in mitotically synchronous cultures of <i>Physarum</i>	PRM	D133	1707
8	Shilpee	Biological activities of a new synthetic imidazolone derivative on bacterial fungal and human cell cultures	"	D134	1708
9	Subhash Chand Varma	Biogas production from pretreated rice husk	CG	D135	1709
10	Sunilkumar	Biomethanation of sugar cane juice	,,,	D136	1710
11	Vivek Kumar Srivastava	Assesment of apoptotic potential of medicinal plant extracts on EAC and DLA lines	MVJ	D137	1711
2008-2010					
12	Arun Ratn	Novel methods to reduce process cost in <i>Basillus</i> <i>muringiensis</i> industry	CG	D138	1803
13	Drisya V	Phagocytic activity of THP1 derived macro	MVJ	D139	1804

		phages under the influence of piperlongum extract			
14	Jnana Deepthi Muthukori	Studies on semi synthetic derivatives of chelerythrine on synchronous cultures of physarum polycephalum and human lymphocytes DNA agarose affinity chromatography	PRM	D140	1805
15	Karan Sing Saini	Effective utilisation of proteinaceous waste material from fisheries sector and poultry farms for the cost effective production of delta	CG	D141	1806
16	Neeharika	Assesment of cytokines profile induced by HIV synthetic peptide with deffension in mice model using microsphere as a delivery vehicle	Rao	D142	1807
17	Puja Sinha	Cellcycle phase specific effects of DNA interrelating dyes on surface cultures of physarum polycephalum exhibiting	PRM	D143	1808
18	Sanjay Kumar Shukla	Screening isolation purification and characterization of protease inhibitors from edible and medicinal plants	KKE	D144	1809
2009-11					
19	Archana C Somabai	Isolation purification and charaterization of protease inhibitors from cicer arietinum	KKE	D145	1810
20	Dixita Sharma	Cellulase production by aspergillus niger and trichoderma reesel using agrowastes	Prasad	D146	1811
21	Jiss Maria Louis	Effect of medicinal plants cacorus calamus and cassia fistula extracts on the growth of THPI cell line	MVJ	D147	1812
22	Manne Arvindkumar	Studies on the effect of amomum hypoleucum thwaites aqueons extracts on human peripheral blood lymphocytes and genomic PCR amplification of cell cycle related genes	PRM	D148	1813
23	Rahul Dev	Biomethanation of fruit waste with special reforencet mango and grapes	CG	D149	1814
24	Rakeshkhari Reddy	In vivo and invitro studies of curcumin and medicinal plant extracts on the cell cycle of physarum polycephalum	PRM	D150	1815
25	Shilpika Pandey	Isolation purification and charecterization of protease inhibitors from vigna radiata/	KKE	D151	1816
26	Swarnalatha Besetti	Anti proliferative effect of medicinal plants scoparia dulicis and trigonella foenum graceum extracts on THP-I cell line	MVJ	D152	1817
27	Tayi Kartikey	Biomethanation of rice straw chemical and biological pretreatment : a comparative study	CG	D153	1818

2010-12					
28	Aashutosh Tripathi	Isolation purification and characterization of protease inhibitor from vigna mungo L	KKE	D154	1890
29	Bhawana Burdak	Insilico screening and invitro evaluation of anticancer compounds targetting P13K and NF-KB	MVJ	D155	1891
30	Hanif Paliwal	Immuno molecular biological study for cross matching in kidney transplantation	KKE	D156	1892
31	Mukund Kumar Sinha	Process optimization for enhanced biogas production from bagasse	CG	D157	1893
32	Rakesh Kumar	Phytochemical analysis antiproliferative activity and cell effects of traditional wound healer hemigrahics colorata leaf extracts	PRM	D158	1894
33	Soumia K	In silico and invitro analysis of cholecalciferol on EAC cell line/	MVJ	D159	1895
34	Saurabh Shakya	DNA inter strand crosslinker psoralen induced cell cycle perturbations and RT-PCR and shofgun cloning of DNA from physarum poly cephalum/	PRM	D160	1896
2011-13					
35	Mishra, Amrendra	Synthesis characterization and biological effects of silver nanoparticles on bacterial strains and human chronic	PRM	D161	D161
36	Prakash, Anand.	Synergic effects of DNA demethylating agents with plant extracts on Dalton cell lines	MVJ	D162	D162
37	Mishra, Anand Prakash	Screening isolation and purification: COMPARATIVE STUDY OF PROTEASE INHIBITORS FROM EXOECARIA Cochinchinensis and piper longum.	KKE	D163	D163
38	Bhujangrao, Kendra Gajanan.	Structural analysis and screening of MMP inhibitors by computational methods and its in vitro evaluation	MVJ	D164	D164
39	Mohammad Shoyab.	Evaluation of genetic diversity and similarity between two species of Terminalia using RAPD and ISSR markers	MVJ	D165	D165
40	Dokka, Narasimham.	Antiproliferative and antioxidant activity of medical plants Clidemia hirta Connarus monocarpus and Canarum strictum on	MVJ	D166	D166
41	Reshma, S.	Comparative studies on the protease inhibitors from medicinal plants Scaevola sericea and Strychnos potatorum	PRM	D167	D167

42	Patel, Saloni.	Isolation and purification of lectins from <i>Dillenia indica</i>	PRM	D168	D168
43	Prajapati, Shukdeo.	Process optimization for enhanced biogas production from pineapple processing industry waste	CG	D169	D169
44	Pradhan, Tapas.	Cytotoxicity evaluation of demethoxy derivatives of Curcumin vis a vis Curcumin on K562 chronic myelogenous Leukemia cells	PRM	D170	D170
45	Tripathi, Vikas Chandra	Studies on the effect of leaf extracts of <i>Curcuma haritha</i> on human chronic myelogenous Leukemia K562 cells and	PRM	D171	D171
46	Vikas Kumar.	Process optimization for enhanced biogas production from starchy agrowastes	CG	D172	D172
47	Sharma, Vineeta.	Screening of lectin from medicinal and edible plant isolation and purification of selected lectin and characterization of lectin	KKE	D173	D173
2012-2014					
48	Anil Kumar	Process optimisation for improved Biogas production from Tapioca processing waste.	CG	D174	
49	Anju latha Singh	Phytochemical analysis and antiproliferative activity of an endemic zingiberaceae species <i>curcuma rakhtakanda</i> on chronic myelogenous leukemia K562 cells.	PRM	D175	
50	Deepak Chouhan	Novel techniques to improve Biogas production from bagasse.	CG	D176	
51	Divyasree	Isolation and characterization of protease inhibitors from the medicinal plants <i>Bauhinia purpurea</i>	KKE	D177	
52	Naresh Babu	In vitro evaluation of ciprofloxacin stigmasterol and sitosterol as MMP inhibitors.	Mvj	D178	
53	Sadhna Sahu	In Silico screening for BRAF inhibitors and in vitro evaluation of their antiproliferative activity.	MVJ	D179	
54	Shashi Kumar Yadav	Characterisation of multi drug resistant clinical isolates of genus <i>klebsiella</i> .	PRM	D180	
55	Sreekala	Isolation purification and partial characterisation of lectin from <i>chrysophyllum cainito</i> .	KKE	D181	
56	Sulfath	MHC isolation from peripheral blood analysis of presence anti HLA antibody in reactive patients serum.	KKE	D182	
2013-15					
57	Ammu Suresh.	Isolation and purification of IgY and detection of its biochemical and Immunological properties from chicken eggs	KKE	D183	

58	Anindita Das.	In vitro evaluation of the anticancer potential of the mistletoe dendrophthoe falcata growing on the host plant nerium oleander	VBS	D184	
59	Athulya Girish K.	Anti proliferative activity of curcuma mutabilis extracts and its effects on the expression and activity of antioxidant enzymes in different cancer cell lines	PRM	D185	
60	Avinash Chandra Dubey	Isolation purification of lectin measurement of Zeta potential and size distribution anti oxidant property by cyclic voltametry of ficus microcarpa	KKE	D186	
61	Ekta.	Cost effective production of bacillus thuringiensis israelensis based biopesticides by solid state fermentation using agro-industrial and fishery wastes as substrates	CG	D187	
62	Jitendra Vishwakarma.	Isolation and characterisation of protease inhibitor from flowering plant Ixora coccinea	KKE	D188	
63	Ravi Bhusan.	Biomethanation of watermelon rind techniques for enhanced production	CG	D189	
64	Ravindra Singh Shaktawat.	Screening and isolation of protease producing fungus from soil of fish market and optimization of parameters for protease production	KKE	D190	
65	Rohira Himanshu Sunny.	Cost effective pretreatment of cassava peels for enhanced biogas production	CG	D191	
66	Suhana Koothradan.	Characterization of multidrug resistant clinical isolates of pseudomonas aeruginosa	PRM	D192	

2014-16					
01	Aradhana Priyadarsini	Bioprocessing of waste oranges to penicillin and biogas	CG	D193	
02	Pratibha Fuloria	Bioactivity guided isolation of active fraction from crude solvent extract of mistletoe Dendrophthoe falcata growing on the host plant Nerium Oleander	VBS	D194	
03	Pratima Gupta	Study on the anticancer potential of tuber extract of the medicinal plant Corallocarpus epigaeus	VBS	D195	

04	Shireen	Purification and characterisation of protease inhibitor from capsicum frutescens and its antibacterial effect	KKE	D196	
05	Sirishma	Immunological properties of IgY raised against Typhoid and Hepatitis-B vaccines and their immunodiagnostic applications	KKE	D197	
06	Surya	Partial purification and characterization of pimenta dioica(L.) merr. leaf lectin and its antibacterial properties	KKE	D198	
07	Vivek A T	Novel bioreactor design for high rate composting of organic wastes	CG	D199	
01	Shamseena	Phytochemical analysis of the traditional medicinal plant tridax procumbens assessment of its antioxidant potential and antiproliferative activity against chronic myelogenous leukemia k562 cells	PRM	D200	1 year lag
2015-17					
01	Aishna Sagar	Poultry feather hydrolysate production by soil microbial consortia for the cost effective production of Bacillus thuringiensis subspecies israelensis	CG	D201	
02	Mithila Ashok Kamble	Assessment of synergistic genotoxic potential of select plant extracts displaying anti cancer properties whole genome shotgun cloning and transcriptome analysis of the South Indian black scorpion hemimetabolus scaber	PRMN	D202	
03	S Krishna.	Elucidation of the cytotoxic mechanism exhibited by the crude tuber extracts of corallocarpus epiganeus in the colon cancer cell line HCT 116	SVB	D203	
04	Madhu Kumari	Purification characterization of protease inhibitor from Albizia Procera and its antimicrobial effect	EKK	D204	

05	Manish Kumar Sharma.	Cost effective production of penicillin and biogas using rotten oranges	CG	D205	
06	Pulipaka Sri Ravali	Preliminary investigations employing the venom of Hetermetrus scaber ,the giant black scorpion	PRM	D206	
07	Risha Tripathi	Metagenomic potential of a dampwood termite odontotermes ceylonicus wasmann : a preliminary study	PRM	D207	
08	Seepana Sumathi.	Isolation and identification of endophytic fungi producing secondary metabolites from different medicinal plants	EKK	D208	
09	Shyamili C. T.	Cost effective production of Bacillu thuringiensis subspecies israelensis using differnet agro wastes/ organic fertilizers as raw materials	CG	D209	
2016-18					
01	Arjunaa prabhakar	Evaluation of antioxidant and antibacterial and antiliferative potential of biogenic silver nanoparticles generated from aqueous leaf extract of glycosmis pentaphylla (retz) DC	PRM	D210	
02	Marsheena Nelleri	Evaluation of anticancer property of methanolic tuber extracts of the medicinal plant Corallocarpus epigaeus	SVB	D212	
03	Niranjan Kumar	Evaluation of organic solvent extracts from polyherbal ayurvedic formulation-guggulutiktam kashayam for anticancer potential : a revers pharmacological study	PRM	D213	
04	Rahul Roy	Comparative studies on effects of the leaf extracts on blood coagulation cascades	EKK	D214	
05	Simrat Kaur	Process development for fixed volume fed batch fermentations of bacillus thuringiensis subspecies isralensis	CG	D215	
06	Sonia Sharma	Bioprocessing of fruits and vegetables wastes to penicillin using solid state fermentation technique with additional biogas production	CG	D216	
07	Surya S nair	A cytotoxic fraction from the ethyiacetate tuber	SVB	D217	

		extracts of corallocarpus epigacus kills human liver cancer cell line SK-HEP1 by inducing apoptosis			
08	Vemparala Lakshmi Gayathri	Bioprocessing of rotten cereals and pulses to penicillin using solid state fermentation technology	CG	D218	
09	Induja R Gupta	Wide spectrum antibacterial protein from leaves of syzygium caryophyllatum (L) Alston an endangered medicinal plant.	EKK	D211	
2017-19					
01	Akshay G M	Analysis of the cytotoxic mechanism exhibited by methanolic tuber extract of medicinal plant Corallocarpus epigaeus in HeLa cells	SVB	D219	
02	Devansh Swadia	Molecular investigations on the synergistic effects of chlormambucil and zingerone on chronic myelogenous leukemic cancer cells and human peripheral blood lymphocytes	PRM	D220	
03	Disha Shah	Selective antiproliferative activity of a bioactive fraction isolated from the rhizome of an endemic plant Curcuma mutabilis against human colorectal and chronic myelogenous leukemic cancer cell lines	PRM	D221	
04	Gaddala Mohan Sravani	Screening of medicinal plants Lantana camara L., Terminalia catappa L., and Moringa oleifera Lam. for its biological activities	KKE	D222	
05	Gajala Parween	Physico-chemical and biological properties of a lectin from the leaves of the medicinal plant Calycopteris floribunda (Roxb.) Lam.	KKE	D223	
06	Riya Joy	Cost effective solid state fermentation technology for penicillin production	CG	D224	
07	Sujeet Kumar	Cost effective techniques for the	CG	D225	

		overproduction of <i>Bacillus thuringiensis</i> subspecies <i>israelensis</i> H-14 based biosecticides production			
08	Deepa Kumari	Novel tecniques for cost effective production of biogas from vegetables and fruit wastes	CG	D226	
09	Unnikrishnan	Isolation identification and molecular charecterisation of <i>Lactobacillus</i> isolates from various source as a biotechnologically useful bioresources	PRM	D227	
2018-20					
01	Chinthapatla Sricharani	In Silico analysis of binding affinity between HLA DRβ chain with CLIP peptide antigens and TCR α chain uising online docking tools	KKE	D228	
02	Nivedhya Venas	Bioinformatical investigations on HLA typing of renal transplant patients	KKE	D229	
03	Robert July Suiting	Cost effective proccess development for the large scale production of <i>Pleurotus florida</i> (Oyster mushrooms)	CG	D230	
04	Shraddha Sawarkar	Development of a cost effective rice straw based medium for the production of <i>Bacillus thurigiensis</i> var <i>israelensis</i>	CG	D231	
05	Sunaina N P	Cost effective production of Biogas from fruit and vegetables waste	CG	D232	
06	Tino Thampy	Study on the anticancer property of the medicinal plant <i>Plectranthus vettiveroides</i>	SVB	D233	
2019-21					

01	ATHIRA	IN SILICO ANALYSIS OF SARS-COV-2 SPIKE PROTEIN EPITOPE AGAINST HUMAN LEUKOCYTE ANTIGEN IN SOUTH INDIAN POPULATION	KKE	D234	
02	RAJASREE	Cost-Effective Production of Penicillin and Biogas Using Rotten Grapes	CG	D238	
03	Rohit Chand Kabidayal	Bioactivity guided isolation and evaluation of cytotoxic mechanism of the anti cancer principles from the plant <i>Plectranthus vettiveroides</i> .	SVB	D239	
04	Yamandra Venkata Ratnam	Evaluation of chemotherapeutic efficacy of the Triterpenoid , Cucurbitacin B in Melanoma cell lines A375.	SVB	D241	
05	Devika M Shaju	Cost effective production of <i>Bacillus thurigiensis israelensis</i> using pineapple processing wastes.	CG	D236	
06	Anagha Anirudhan	Cost effective production of <i>Bacillus thurigiensis israelensis</i> using rotten grape wastes.	CG	D235	
07	Vaishna Sunil	A preliminary study on the anticancer property shown by the plant <i>Sphangneticola trilobata</i> , on HCT-116 human colon cancer cell line.	SVB	D240	
08	Digsha Khersa	Biogas production from vegetables wastes.	CG	D237	

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